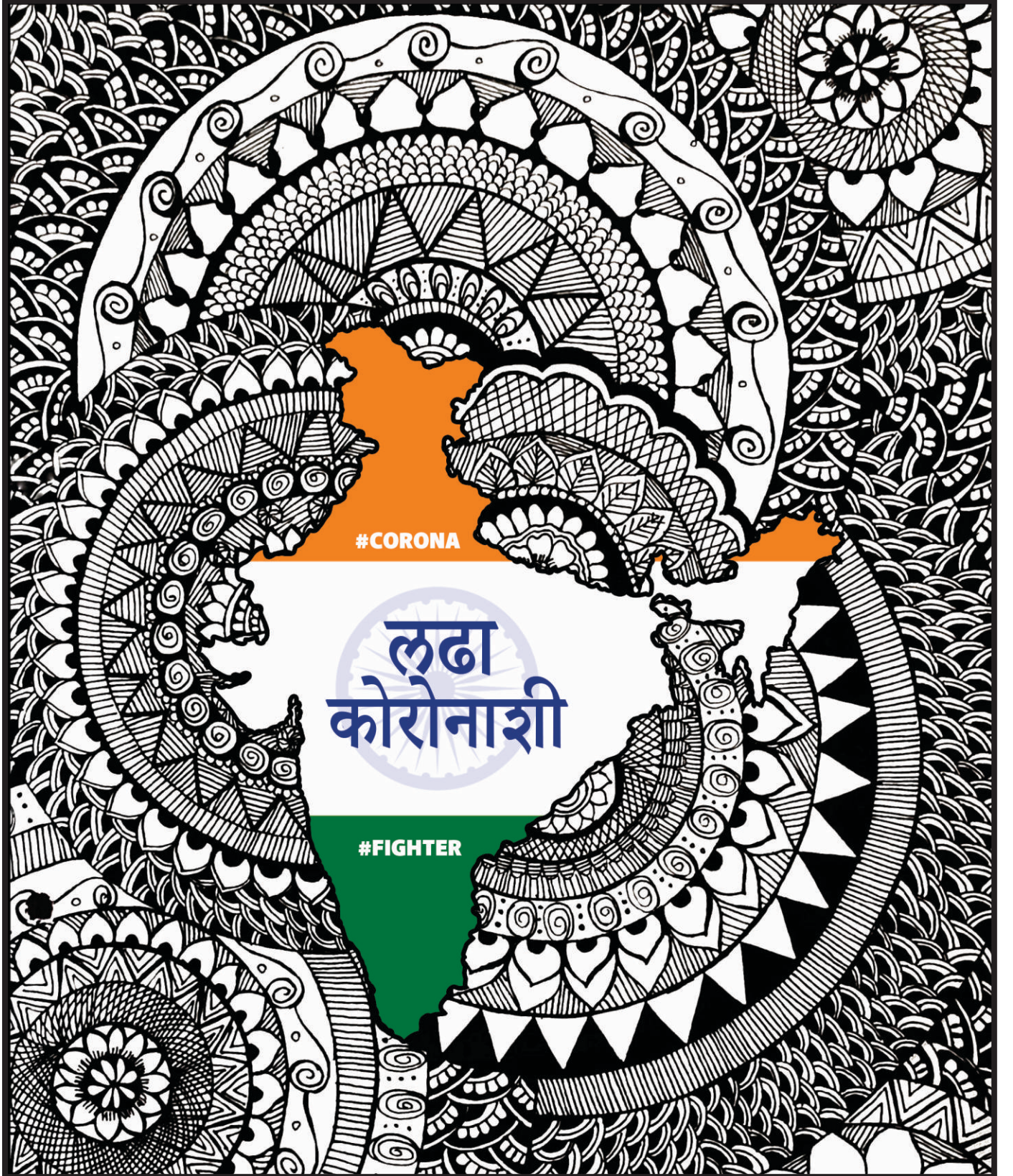


आकांक्षा २०२०-२१

॥ ज्ञानमयो भव ॥
प्रोग्रेसिव्ह एज्युकेशन सोसायटीचे
मॉडर्न कला, विज्ञान आणि वाणिज्य महाविद्यालय
गणेशखिंड, पुणे ४११ ०१६





कै. शंकरराव कानिटकर
संस्थापक, प्रोग्रेसिव्ह एज्युकेशन सोसायटी,
पुणे ४११००५

आकांक्षा

२०२०-२१



लढा कोरानाशी

#Corona #Fighter

सल्लागार समिती

प्रा. डॉ. गजानन र. एकबोटे
प्रा. डॉ. प्रकाश दीक्षित
प्रा. सुरेश तोडकर



संपादन समिती

प्रा. डॉ. संजय खरात
प्रा. डॉ. संस्कृती आवलगावकर
प्रा. डॉ. सविता सबनीस
प्रा. डॉ. शुभांगी भातंब्रेकर
प्रा. डॉ. संगीता ढमढेरे
प्रा. डॉ. मंजूषा कुलकर्णी
प्रा. मीनल जबडे
प्रा. रेवती नगरकर
प्रा. डॉ. दिपत्रिता भांजा
प्रा. मृणाल परदेशी
प्रा. डॉ. अश्विनी कुलकर्णी



विद्यार्थी प्रतिनिधी

स्वरांगी देशपांडे (T.Y.B.A)
स्वराज माने (S.Y.B.A)
सौरभ कदम (M.Sc)
नंदिता आत्रे (T.Y.B.Sc)



मुखपृष्ठ-मलपृष्ठ रेखाटने
रेश्मा चौधरी (M.Sc)



मांडणी, सजावट व मुद्रण स्थळ
डी टू डी मिडिया सेंटर, कसबा पेठ, पुणे

College Development Committee

- Prof. Dr. G. R. Ekbote - Chairman, P. E. Society, Pune-5
Prof. Shamkant Deshmukh - Secretary, P. E. Society, Pune-5
Prof. S.V.Todkar - Chairman, L. M. C.
Prof. Dr. P. G. Dixit - Visitor
Shri. C. C. Kamble - Member
Dr. Sanjay S. Kharat - Secretary
Prof. Mrs. J. G. Ekbote - Member
Adv. C. G. Ghate - Member
Adv. Manoj Wadekar - Member
Dr. Deepak Shendkar - Teacher Representative
Dr. Sangeeta Dhamdhare - Teacher Representative
Prof. Namdev Doke - Teacher Representative
Shri. Prakash Renuse - Non-Teaching Representative

नियतकालिकाच्या स्वामित्वाबाबत व अन्य तपशिलाबाबत निवेदन

- प्रकाशन स्थळ** : प्रो.ए.सो. चे मॉडर्न कला विज्ञान आणि वाणिज्य
महाविद्यालय, गणेशखिंड, पुणे ४११०१६
- प्रकाशन काळ** : वार्षिक
- मुद्रकाचे नाव** : डी टू डी मिडिया सेंटर, कसबा पेठ, पुणे
- राष्ट्रीयत्व** : भारतीय
- प्रकाशकाचे नाव** : प्राचार्य डॉ. संजय खरात
- राष्ट्रीयत्व** : भारतीय
- पत्ता** : प्रो.ए.सो. चे मॉडर्न कला विज्ञान आणि वाणिज्य
महाविद्यालय, गणेशखिंड, पुणे ४११०१६
- संपादकाचे नाव** : प्राचार्य डॉ. संजय खरात
- राष्ट्रीयत्व** : भारतीय
- पत्ता** : प्रो.ए.सो. चे मॉडर्न कला विज्ञान आणि वाणिज्य
महाविद्यालय, गणेशखिंड, पुणे ४११०१६
- मालकी** : प्रो.ए.सो. चे मॉडर्न कला विज्ञान आणि वाणिज्य
महाविद्यालय, गणेशखिंड, पुणे ४११०१६

मी, प्राचार्य डॉ. संजय खरात जाहीर करतो की, वर दिलेली माहिती
माझ्या समजूतीप्रमाणे बरोबर आहे.

- प्राचार्य डॉ. संजय खरात, प्रकाशक

या अंकात प्रकाशित केलेल्या लेखन साहित्याशी संपादक, प्रकाशक सहमत
असतीलच असे नाही. हा अंक फक्त खाजगी वितरणासाठी आहे.





www.moderncollegegk.org
moderncollege16@gmail.com

**Progressive Education Society's
Modern College of Arts, Science & Commerce**

Ganeshkhind, Pune411016. Tel.: (020) 2563 4021,2563 1091, Fax : 2565 0931

Progressive Education Society's Modern College of Arts, Science and Commerce, Ganeshkhind, Pune - 411 016 was established in 1992 in the vicinity of Pune University, with the objective of imparting quality education to the students. It is affiliated to the University of Pune and offers various Graduate and Post Graduate courses. In a short span, the College has made a mark of its own in academic as well as extra curricular activities.

The College has been successful in keeping pace with the changing educational scenario, there by introducing new career oriented courses every year. It has firmly established itself as 'Modern' and 'Progressive'. The college has highly qualified and experienced teaching staff, who consistently strive for allround development of the students. In academic year 2016-2017, NAAC has reaccredited Modern College, Ganeshkhind with 'A Grade. The college has received Best College Award by Pune University for the year 2012-13. The college is now identified as DST-FIST sponsored college by DST. The College has been included in DBT-STAR College Scheme sponsored by DBT Government of India.

SALIENT FEATURES

- Prime Location (very close to University of Pune & Chaturshrungi Hills).
- Affiliated to the University of Pune.
- Reaccredited by NAAC with 'A Grade.
- Well qualified and experienced faculty.
- Healthy academic environment.
- Well equipped laboratories with internet connectivity.
- E-teaching and e-learning methodology.
- Well stocked Library with digital library facility and internet.
- Gymnasium for staff and students.
- Placement Cell.
- Well equipped administrative office for convenience of students.
- Spacious and well equipped audio-visual hall.
- Wind Solar Environmental Project to generate 13 KV electricity
- Beautiful green campus with well developed Botanical Garden.
- Canteen facility.
- Spacious parking, playground and Indoor games.
- Adequate sports facilities.
- Encouragement students to participate in cultural activities, discussions, in-house interactions, industrial visits, training and presentations.
- High Tech computer laboratory with latest computers, latest hardware and software.
- Special focus on Industry-Institute Interface.
- College Magazine 'Akanksha', a platform for students to express their innovativeness and creativity.
- Conducts state/national level seminars/workshop & conferences.

Contents

आम्ही कोरोनाशी दिलेला लढा

• कोरोना तू माणसाला जगणं शिकवून गेला	३
• 'कहाणी 'कोरोना'ची'	४
• कोविड-१९ आणि आपण	७
• कोरोनाशी आम्ही दिलेला लढा	८
• कोरोना आणि ऑनलाइन शिक्षण	११
• Family Bonding in the Corona Period	१२
• कोरोनाचे आर्थिक, सामाजिक व मानसशास्त्रीय परिणाम	१३
• मला नाही इतक्यात जायचं!	१५
• कोरोना आणि समाज	१६
• माय	१७
• माणूसपण	१८
• The Unsung Heroes of the War	१९
• शब्द	२०
• Pandemic Vs. Women	२१
• मी अनुभवलेला कोरोना!	२२
• My Quarantined Voice	२३
• Corona and Online Education	२४
• Life During Lockdown	२५
• Yoga for Fighting Corona	२६
• कोरोना काळातील दाहक वास्तव	२७
• कोरोना आणि आपल्यातील बदल... ..	२८
• कोरोना आणि भारतीय आरोग्य व्यवस्था	२९
• कोरोना काळातील मायेची ऊब	३०
• कोरोना आणि बालविवाहाची प्रथा	३१
• जगलो असेल कदाचित	३२

विचार तरंग

• सब्र रख के तो देख	३३
• नवीन शैक्षणिक धोरण: एक दृष्टीक्षेप	३४
• नवीन शैक्षणिक धोरण-अपेक्षा आणि वास्तव	३५
• साहित्य, भाषा आणि समाज	३७
• साहित्य समाजाचा आरसा...!	३९
• Slow Down Life	४०
• अतुलनीय ती आई	४०
• Some days and the other days	४०
• वंशाची समई	४१
• In the Search of Contentment	४१
• Glimpse of Women in Manipuri Society	४२
• Ask The Wall	४३
• My Heaven, My Dance	४३
• आरोग्य मनाचे	४४

The Master Navigators of Progressive Education Society



Shri. Vighnahari Maharaj Deo
President, P. E. Society



Prof. Dr. Gajanan R. Ekbote
Chairman, Business Council, P. E. Society



Prof. S. S. Deshmukh
Secretary, P. E. Society



Prof. Mrs. J.G Ekbote
Jt. Secretary, P. E. Society



Prof. S. V. Todkar
Jt. Secretary, P.E Society



Prof. Dr. P. G. Dixit
Dy. Secretary, P.E. Society



Prof. Dr. Nivedita G. Ekbote
Dy. Secretary P. E. Society



Shri C.C. Kamble
Dy. Secretary, P.E. Society

अभिनंदन



नवभारत गृपतर्फे दिला जाणारा 'Best Educational Institute of Century' हा पी.ई सोसायटीला मिळालेला सन्मानाचा पुरस्कार उच्च शिक्षणमंत्री मा. उदय सामंत यांच्या हस्ते स्वीकारतांना संस्थेचे मान्यवर पदाधिकारी



पुणे महानगर पालिकेच्या नाव समितीच्या उपाध्यक्षपदासाठी प्रा. सौ. ज्योत्स्ना एकबोटे मॅडम यांची निवड करण्यात झाली.

Congratulations



Dr. Sadhana Natu

- Chairperson Syllabus Framing Committee for BA Psychology (Interdisciplinary) for the Qatar, Dubai Campus of Savitribai Phule Pune University
 - Resource Person for National Conference Organized by Maulana Azad College, Aurangabad and National Commission for Women, New Delhi
 - Published a chapter in Springer International
-



Dr. Vinay Kumar

- Appointed Editor, Journal of Plant Growth Regulation (Springer-Nature, Germany)
 - Published article in Biotechnology Advances (Impact Factor 10.74)
-



Dr. Dastagir Pathan

Awarded Ph.D. in Economics (Savitribai Phule Pune University)

Topic: Maharashtraatil Dalimb Utpadan, Vipanan va Niryaticha Abhyas



Dr. Gauri Kopardekar

Awarded Ph.D. in Political Science (Savitribai Phule Pune University)

Topic: Making of Industrial Policy and Pune's Urban Growth



Dr. Manisha Rajendra Bele [Dhende]

Awarded Ph.D. in Management (Tilak Maharashtra Vidyapeeth, Pune.)

Topic: Study And Analysis of The Effect of Cultural intelligence on Quality and Performance of employees with Reference to Selected Companies in and Around Pune City



Dr. Satish S. Ambike

Awarded Ph.D. in Computer Science (Shri Jagdishprasad Jhabarmal Tibrewala University in Jhunjhunu, Rajasthan.)

Topic: Data Security in Cloud SaaS Encryption

Congratulations



Dr Manjusha Kulkarni

Awarded Ph.D., Commerce (Savitribai Phule Pune University)

Topic: “Developing Entrepreneurial skills among students through Entrepreneurship Development Programme for college student: An Impact Analysis”



Dr. Shraddha Awasare

Awarded Ph.D., Commerce (Savitribai Phule Pune University)

Topic: “An evaluation of demarketing strategies adopted by petroleum and electricity manufacturing organisations and its impact on consumers' behaviour”



Dr. Priyanka Sharma (Biotechnology)

PEARL - A Foundation for Educational Excellence, Madhuri, India conferred

Dr. Priyanka Sharmathe “BEST WOMAN YOUNG SCIENTIST AWARD IN BIOTECHNOLOGY” for the year 2020.



Dr. Pallavi Bulakha

Selected as BOS Member, Computer Application (Savitribai Phule Pune University)



Dr. Dipali Meher

Selected as BOS, Computer Science, GVISH



Ms. Prajakta Talole

1. Late Principal Ranglar Gopalkrishna Laxman Chanratraya Gold Medal :

For standing First at M.Sc. (Mathematics) Semester System as well as Credit System Exam held in April / May 2019

2. Late Shri Damodar Ganesh Ramdasi Gold Medal :

For standing First at M.Sc. (Mathematics) Semester System as well as Credit System Exam held in April / May 2019

Congratulations



Mr. Satish Jadhav

Qualified SET examination (Mathematics)



Mr. Gaurav Pagar

Qualified SET examination (Mathematics)

Students Achievements



Ms. Shweta Hasani

University Topper and Gold Medal in MSc Biotechnology Exam of SP Pune University



Ms. Vaishali Dhore

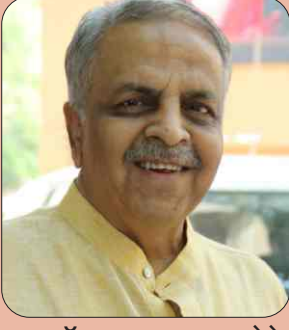
S.Y.B.Sc. student is selected for 29th Mathematics Training and Talent Search Program, MTTS (Level 0). This is a three week summer training program. This training program is funded by National Board of Higher Mathematics, an apex body of the Department of Atomic Energy, Government of India

Department of Psychology Alumni Achievements

- Dr Sachin Shinde is completing his post-Doctoral work on a Fellowship at the prestigious T H Chan School of Public Health, Harvard University, USA. He has started and registered a Not-for-profit organization called Centre for Inquiry into Mental Health.
 - Hemant Raghunauth has completed his MSc in Social Work amongst families with the prestigious International Erasmus Mundus Fellowship.
 - Ananya Sankarambadi has been selected for an MS in Cognitive Sciences with a full scholarship at University of Lille, France. Department of Psychology 2020-21
-

Department of English Alumni Achievements

- Shamita Patharkar - M.A. Creative writing from Swansea University, united Kingdom



प्रा. डॉ. गजानन र. एकबोटे

कार्याध्यक्ष, प्रोग्रेसिव्ह एज्युकेशन सोसायटी
शिवाजीनगर, पुणे ५



‘आकांक्षा’ या महाविद्यालयीन नियतकालिकाचा २०२०-२१ या शैक्षणिक वर्षातील अंक कोरोना महामारीमुळे निर्माण झालेल्या प्रतिकूल परिस्थितीतही प्रसिद्ध होत आहे. या अंकाच्या माध्यमातून ‘कोरोनाशी आम्ही दिलेला लढा’ या विषयाच्या अनुषंगाने विद्यार्थ्यांनी लेखन केले आहे. अनेक विद्यार्थ्यांनी आपले स्वानुभवही या अंकातून व्यक्त केले आहेत. या सर्व विद्यार्थ्यांचे आणि संपादक मंडळाचे मी प्रथमतः हार्दिक अभिनंदन करतो !

मार्च २०२० पासून आजपर्यंत आपण फार मोठ्या संकटाचा सामना करत आहोत कारण कोरोना महामारीने सारा जीवनव्यवहार दीर्घकाळ ठप्प झाला आहे, या महामारीचे दूरगामी परिणाम शिक्षण क्षेत्रावर झालेले बघायला मिळतात. विद्यार्थी, शिक्षक, पालक व शैक्षणिक संस्था या सर्वांनाच अनंत जटील प्रश्नांना तोंड द्यावे लागले आहे. अर्थात तंत्रज्ञानाच्या सहाय्याने आपण शैक्षणिक कार्यात खंड पडू दिला नाही. शिक्षक, विद्यार्थी, शिक्षणसंस्था व विद्यापीठे यांनी अत्यंत सक्षमपणे या परिस्थितीशी सामना केला. पण कोविड -१९ मुळे अर्थव्यवस्थेच चक्र मंदावल्यामुळे प्रचंड आर्थिक संकट समाजावर कोसळलं, त्यामुळे अनेक विद्यार्थ्यांना शिक्षण थांबवावं लागलं. शिक्षण व्यवस्था या अभूतपूर्व परिस्थितीतून सावरायला बराच वेळ लागेल असे वाटत असले तरी पण आपण करत असलेल्या अथक प्रयत्नामुळे सारे काही लवकरच सुरळीत होईल अशी खात्री वाटते .

कोरोना काळात आरोग्य व्यवस्थेपुढे मोठं आव्हान उभं राहिलं कारण आपण कल्पनाही केली नव्हती एवढ्या वेगाने कोरोनाचे विषाणू जगभर पसरले. भारतातही शहरी आणि ग्रामीण भागात गंभीर परिस्थिती निर्माण झाली. डॉक्टर व इतर आरोग्य कर्मचारी यांनी रात्रंदिवस काम केले, त्याच बरोबर स्वेच्छेने या कार्यात स्वतःला झोकून देणारे कोरोना योद्धे ,अनेक सेवाभावी संस्था यांनी देखील जीवाची पर्वा न करता अनेकांचे प्राण वाचविले. या सर्वांमुळे ही परिस्थिती आटोक्यात येऊ शकली. सद्यस्थितीत लाट ओसरण्याची चिन्ह दिसत आहेत पण धोका पूर्ण टळला आहे असे म्हणता येणार नाही. आपले बेजबाबदार वर्तन आपल्याला पुन्हा संकटात टाकू शकतं याचे भान राखले पाहिजे. प्रत्येकाने कोरोनाच्या निर्बंधांचे पालन करणे खूप महत्वाचे आहे तसेच

कोरोना प्रतिबंधक लसीचे दोन्ही डोस घेणेही गरजेचे आहे. या बाबत जितकी जागृती होईल तितका लसीकरणचा वेग वाढेल. अनेक वेळा शारीरिक आरोग्याबरोबर मनाचे आरोग्य सांभाळणेही महत्वाचे असते. या महामारीच्या काळात मानसिक आरोग्याबाबत अनेक प्रश्न निर्माण झालेले दिसतात. ठप्प झालेले कामकाज, निर्माण झालेले आर्थिक संकट, जीवाची भीती, कोरोनाचे भय यामुळे अनेकांना चिंतेने ,नैराश्याने ग्रासले. यातून लवकर बाहेर पडणे हे खूप महत्वाचे आहे. त्यासाठी सकारात्मक विचार करणे महत्वाचे आहे. प्रयत्नपूर्वक मन शांत ठेवणे अत्यावश्यक आहे. योगासने ,व्यायाम ,मेडिटेशन आणि आपल्या आवडीचे छंद जोपासणे हे उपाय उपयुक्त ठरू शकतात. यामुळे मन स्थिर होऊन आपण पुन्हा सकारात्मक विचार करू शकतो.

नेहमीच कठीण परिस्थितीतीवर मात करत गणेशखिंडीतील मॉडर्न महाविद्यालयाने यशस्वी मार्गक्रमण केले आहे. या वर्षीही या कोरोनाच्या बिकट काळातही आपली यशस्वी घोडदौड कायम ठेवली आहे. केंद्र सरकारच्या जैवतंत्रज्ञान विभागाच्या डीबीटी‘बिल्डर’या राष्ट्रीय स्तरावरील योजने अंतर्गत या महाविद्यालयाची निवड करण्यात आली असून ,संशोधनासाठी अडीच कोटींचा निधी मिळाला आहे .या साठी महाविद्यालयाचे व्हिजिटर डॉ. प्रकाश दीक्षित ,स्थानिक व्यवस्थापन समितीचे अध्यक्ष प्रा. सुरेश तोडकर , प्राचार्य डॉ. संजय खरात, प्रा. डॉ. विनयकुमार व सर्व सहकारी प्राध्यापकांचे हार्दिक अभिनंदन करतो.

वसुंधरा किलोस्कर ग्रुपतर्फे दिला जाणारा २०२०-२१ या वर्षीतील ‘ग्रीन कॉलेज क्लिन कॉलेज’हा प्रथम क्रमांकाचा पुरस्कार महाविद्यालयाला मिळाला. त्यासाठी महाविद्यालयाचे मनापासून अभिनंदन करतो.

२०२१-२२ या वर्षीत महाविद्यालय नॅक (NAAC) च्या चौथ्या पुनर्मुल्यांकन प्रक्रियेला सामोरे जाणार आहे, यासाठी महाविद्यालयाला खूप शुभेच्छा देतो. तसेच स्वायत्तता मिळविण्याच्या दिशेने या महाविद्यालयाचे प्रयत्न सुरु झाले आहेत. गुणवत्तापूर्ण शिक्षणासाठी स्वायत्तता अत्यंत महत्वाची ठरते, शैक्षणिक विकासाच्या दृष्टीने अत्यावश्यक असलेली स्वायत्तता या महाविद्यालयास लवकरच मिळेल अशी आशा व्यक्त करतो . धन्यवाद !



प्रा. डॉ. प्रकाश दीक्षित

व्हिजीटर, मॉडर्न महाविद्यालय, गणेशखिंड, पुणे १६

A \$rarrb à H\$e drom



आपण सर्वजण कोरोनाच्या जागतिक संकटातून मार्गक्रमण करीत आहोत.. भीती व काळजीने ग्रस्त जग यथाशक्ती कोरोनाच्या आव्हानाला तोंड देत आहे. शैक्षणिक संस्थाना पण याच संकटातून मार्गक्रमण करीत आहे. मॉडर्न महाविद्यालय देखील सर्व आव्हानांना सामोरे गेले आहे, ही निश्चितच समाधानाची गोष्ट आहे. सामुदायिक शहाणपण महाविद्यालयातील सर्व घटक दाखवीत आहेत. महाविद्यालयातील सर्व कामे व्यवस्थित पार पाडली जात आहेत. अध्यापन प्रक्रिया आभासी पद्धतीने चालू आहे. मायक्रोसॉफ्ट टीम, झूम, गूगल मीट इत्यादी सॉफ्टवेअरचा वापर करून शैक्षणिक प्रक्रिया, विविध सभा, प्रवेश प्रक्रिया अगदी व्यवस्थित पणे पार पडल्या आहेत. अध्यापनासाठी खडू- फळ्या ऐवजी स्मार्ट बोर्ड, इलेक्ट्रॉनिक बोर्ड वापरात आले आहेत. विज्ञान व संगणकाचे हे क्षेत्र मूठभर लोकांचे राहिले नाही, अल्पावधीतच सर्वांनी ही प्रक्रिया शिकून घेतली आहे. अनेक प्राध्यापकांनी युट्युब चा कौशल्यपूर्ण वापर केला. पण प्रात्यक्षिके घेण्यास सक्षम पर्याय अद्यापही उपलब्ध नाही.

या काळात परीक्षा घेण्याचे आव्हान विद्यापीठे व महाविद्यालयांनी बहुपर्यायी प्रश्नपत्रिका काढून यशस्वीरित्या पेलले. सर्व प्रकारच्या प्रवेश परीक्षा देखील ऑनलाईन घेण्यात आल्या. अनेक बाबी ठप्प झाल्या तरीही, शिक्षण चालू राहिले. यासाठी सर्व प्राध्यापक व कर्मचारी कौतुकास पात्र आहेत. पुस्तकांना पर्याय ई-पुस्तकां,द्वारे मिळाला. अंतरे, वेळेची मर्यादा या नेहमीच्या शिक्षणातील अडचणी दूर झाल्या तर, इंटरनेट कनेक्टिव्हिटी हा प्रमुख अडसर. मोबाईलच्या हॉटस्पॉट च्या मदतीने अडसर दूर केला गेला. इंडिया विरुद्ध भारत ही दरी या परिस्थितीत आणखीनच वाढलेली दिसते. ग्रामीण भागातील विद्यार्थ्यांना इंटरनेट कनेक्टिव्हिटी नसल्यामुळे खूप अडचणींचा सामना करावा लागला. सर्वसाधारण समाजाची आर्थिक क्षमता कमी झाली याचा विचार करून महाविद्यालयाने ही विद्यार्थ्यांना शुल्क भरण्यासाठी अनेक सवलती दिल्या. सामाजिक भान ठेवत महाविद्यालयाने मास्क तयार करून विद्यापीठास दिले, त्याचा वापर गरजूंना मोफत मास्क देण्यासाठी केला गेला.

या काळात मोठ्या अडचणींना व दुःखद घटनाना आपण सामोरे गेलो. महाविद्यालयातील काही कर्मचाऱ्यांचे कोरोनामुळे निधन झाले. काहींचे नातलग कोरोना बळी ठरले. काही कर्मचाऱ्यांनी कोरोनाशी

यशस्वी झुंज दिली. या सर्व गोष्टींमुळे घबराटीचे वातावरण निर्माण झाले त्यावर, कायमच यशस्वी मात करत आपण आपण सर्व कर्तव्यात कटिबद्ध आहोत या आपल्या जिद्दीला सलाम!!!

‘आरोग्यम् धनसंपदा’ हे वचन सर्वांना ज्ञात आहे. त्यानुसार आरोग्यसंपन्न, नियमबद्ध वाटचाल करणे आवश्यक आहे., पर्यावरणाचा न्हास अशा महामारीस पूरक ठरतात हा धडा आपण घेतला पाहिजे. देश-विदेशातील वेगवान दळणवळण हे या महामारीच्या संक्रमणाचे प्रमुख कारण आहे ठरले आहे . या काळात सार्वत्रिक खचलेपणाची भावना आपल्या मनापर्यंत येऊ न देणे, तसेच क्रिया शक्तीचा न्हास न होऊ देणे हे देखील नवे आव्हान आहे. वाढत्या शहरीकरणामुळे आर्थिक दरी रुंदावत आहे त्यात या महामारीने भर पडण्याची शक्यता आहे. नोकरीच्या संधी कमी होणे हे तात्पुरते पण आव्हान आहे. ‘न्यू नॉर्मल’ जीवनशैली अंगवळणी पडणे गरजेचे आहे. कोरोना पासून संरक्षण हीच प्राथमिक गरज आहे. या कोरोनाच्या संकटकाळात कौशल्य वाढवणे, क्षमतांचा विकास करणे याकडे एक संधी म्हणून पाहिले पाहिजे.

या महामारीच्या संकटात, प्रोग्रेसिव्ह एज्युकेशन सोसायटीचे आदरणीय चेअरमन डॉ. जी. आर. एकबोटे व त्यांच्या कुटुंबीयांचे योगदान बहुपेडी आहे. त्यांनी सर्वांना मार्गदर्शन करण्यासाठी अनेक सभा घेतल्या, वृत्तपत्रातून अनेक लेख लिहिले. अनेकांना वैद्यकीय सेवा दिली. ते कुटुंबातील सदस्याप्रमाणे अनेकांच्या पाठीशी उभे राहिले. आर्थिक अडचणीतून अनेकांना बाहेर काढले. त्यांच्या या कार्याबद्दल आपणा सर्वांतर्फे मी ऋण व्यक्त करतो. तसेच

प्रा. सुरेश तोडकर हे पण त्यांच्या कुटुंबावरील आघात सहन करत महाविद्यालयाच्या कामात योगदान देत होते. त्यांना विशेष धन्यवाद!. महाविद्यालयाचे सर्जनशील प्राचार्य डॉ. संजय खरात सर्व आघाड्या अभिनव पद्धतीने सांभाळत आहेत. त्यांच्या शतावधानी स्वभाव वैशिष्ट्यांमुळे महाविद्यालयची प्रगती या कठीण काळातही उत्तम आहे. त्यांच्या कामाचा उचित गौरव करून पुढील कामासाठी त्यांना मनःपूर्वक शुभेच्छा देतो.

आकांक्षा या नियतकालिकांचा अंक लवकरच प्रकाशित होत आहे. आकांक्षाचे संपादक मंडळ नेटाने अंक सर्वांगसुंदर बनवीत आहे त्याबद्दल त्यांचे कौतुक करून मी विराम देतो.



Prof. Suresh V. Todkar
Chairman, CDC, Modern College,
Ganeshkhind, Pune 16



Modern College of Arts, Science and Commerce, Ganeshkhind, Pune 411016 is one of the premier College/Institute run by Progressive Education Society. The college provides all necessary infrastructure, excellent academic and administrative facilities as well as social environment to impart quality education to our students. Also our teaching faculties are highly qualified, sincere and devoted to their teaching-learning work. Administrative and non-teaching staff are also sincere and devoted to their work. Due to their joint efforts our students/alumni are doing well in several fields like academic and sports, culture and extra-curricular activities.

From one and a half year, we are facing Covid-19 pandemic situation, and due to this everyone has faced several problems. During this period several businesses are closed and hence employment is reduced and some of them have lost their jobs. Hence GDP of our country has gone down. Some people have lost their lives. During this covid-19 pandemic period, our teaching staff, administrative, non-teaching staff and students have done very good work such as blood donation camp, cleanliness in our college and at several places/societies and to give moral support, medicines, food packets, etc. During this crisis, people underwent problems and pains. Whenever we get pains in our life, just think about the full form of PAINS. i.e. “Positive Attitude In Negative Situations”. Due to this people will come to know the importance of creating the awareness of health, hygiene, diet and social conduct. We also come to know the sense of belongingness, sense of togetherness, and sense of happiness of our physical and mental health and hygiene.

The best part of our life is

- i) Every morning you have a new opportunity to become a happier version of yourself.
- ii) Once Ratan Tata said in his speech about our life - “ We are people not programmed devices So don't be serious, enjoy the life as it comes and be happy”.
- iii) Don't think that Time will change OUR LIFE, but time will only change the expiry dates of 'OPPORTUNITIES.

Covid-19 pandemic thought “ The world is closed for Renovation and Grand Opening soon”

Our yearly magazine 'Akanksha' has always given us an insight into the young, creative and questioning minds of our staff and students. This has given a platform for their innovative, creative observations and expressions. SPPU acknowledged the work of Akanksha by awarding I/IIInd prize for last 3 years.

My best wishes to the editorial team for making the magazine a unique one.

My Sincere thanks to Our Chairman Dr. G.R. Ekbote Sir, Secretary Prof. Deshmukh Sir, Joint Secretary Mrs. Ekbote Vahini, Prof. Dr. P. G. Dixit Sir and all CDC Members. Thanks to our Principal Dr. Sanjay Kharat Sir, all Vice-Principals, Mr. Prakash Renuse (Office Registrar), all teaching and administrative and non-teaching staff members for their valuable guidance, constant support, motivation and co-operation in the development and growth of the college.

Thanks a lot and best wishes to one and all.



प्राचार्य. डॉ. संजय खरात
मॉडर्न महाविद्यालय, गणेशखिंड, पुणे १६



‘आकांक्षा’ या महाविद्यालयीन नियतकालिकाचे मनोगत लिहिण्याच्या निमित्ताने २०२०-२१ या शैक्षणिक वर्षाचा आढावा घेत असतांना मागचे संपूर्ण दीड-दोन वर्षे डोळ्यासमोर तरळून गेली. राष्ट्रीय लॉकडाऊन जाहीर झाल्यापासून विद्यार्थ्यांनी गजबजून गेलेलं महाविद्यालय ओस पडलं अन जणू काही महाविद्यालयातील चैतन्य हरपलं. कोरोना महामारीचे उद्रेकी स्वरूप बघून अबालवृद्ध भयभीत झाले. वृत्तवाहिन्यांच्या आणि वर्तमानपत्रातील कोविड -१९ च्या संदर्भातील बातम्यामधून या विदारक स्थितीची कल्पना येत होती. सुरक्षिततेसाठी गावाकडे जाणाऱ्या स्थलांतरितांचे लोंढे, दवाखान्यात उपचारासाठी लागणाऱ्या रांगा ही दृश्य हृदय पिळवटून टाकणारी तर होतीच परंतु आरोग्य व्यवस्थेच्या अपुरेपणाचे मूर्तिमंत दर्शन घडवीत होती.

कोरोनामुळे समाजाच्या सर्वच घटकांना झळ बसली. मनुष्यहानी तर फार मोठ्या प्रमाणावर झाली. अनेकांना या काळात आपल्या जिवलगाना, आत्मस्वकीयांना गमवावे लागले, हे दुःख कधीही न भरून निघणारे आहे. अर्थव्यवस्थाही या महामारीमुळे खिळखिळी झाली .तळागाळातील हातावर पोट असणाऱ्या सामान्य जनतेचे अतोनात हाल झाले. उद्योग-व्यवसाय बंद पडले, या भयावह परिस्थिती मुळे एकंदरीतच सर्व क्षेत्रांवर विपरीत परिणाम झाल्याचे निदर्शनास येते.

शिक्षण क्षेत्रावरही अत्यंत प्रतिकूल परिणाम कोविड-१९ मुळे झालेला दिसतो. शिक्षणप्रक्रियेमध्ये आमूलाग्र बदल करावे लागले .ऑनलाइन पद्धतीने अभ्यासक्रम पूर्ण करणे हा एकच मार्ग या परिस्थितीत होता. शैक्षणिक कामकाजामध्ये कुठेही तडजोड न करता. विद्यार्थ्यांचे कुठलेही नुकसान होणार नाही या पद्धतीने आमच्या सर्व अनुभवी ,उच्च शिक्षित प्राध्यापकांनी अभ्यासक्रम वेळेवर पूर्ण केला . यासाठी प्राध्यापक वर्गाला virtual platform कौशल्याने वापरता यावा म्हणून सातत्याने प्रशिक्षण देण्यात आले. शिक्षकांनी Learning Management System (Moodle) द्वारे विद्यार्थ्यांना सर्व शैक्षणिक साधने उपलब्ध करून दिली. ज्यांना ऑनलाइन लेक्चर करता आले नाही त्यांच्यासाठी झालेल्या लेक्चरचे रेकॉर्डिंग मुडलच्या माध्यमातून उपलब्ध करून दिले गेले. अर्थातच इंटरनेट कनेक्टिव्हिटी, उपलब्ध असलेले डेटा व अँड्रॉइड मोबाईल या बाबी

निश्चितपणे अडचणीच्या होत्या पण महाविद्यालयातील काही प्राध्यापकांनी आपल्याकडे असलेले सुस्थितीतील जुने मोबाईल देऊन त्याच्या अध्यापनासाठी काही अंशी मोलाचे योगदान दिले .

अध्यापन करण्यासोबतच विद्यार्थ्यांच्या सर्वांगीण विकासाची जबाबदारी शिक्षकांवर असते. महाविद्यालयात राबविल्या जाणाऱ्या उपक्रमातून विद्यार्थ्यांच्या सर्वांगीण विकासासाठी अप्रत्यक्षपणे धडे दिले जात असतात, कोरोनामुळे या उपक्रमांवर मर्यादा आल्या. तरी देखील आभासी पटलाच्या माध्यमातून पर्यावरण जाणीव, स्त्री शिक्षण, सामाजिक बांधिलकी, कौशल्य व व्यक्तिमत्त्व विकास या विषयांवर विविध उपक्रम घेण्यात आले. तंत्रज्ञानाच्या सहाय्याने या परिस्थितीमुळे उद्वलेल्या अडचणींवर सहज मात करता आली. परीक्षा आणि मूल्यमापन प्रक्रिया कशी राबवावी या संदर्भात देखील खूप प्रश्न निर्माण झाले कारण विद्यार्थी महाविद्यालयात येऊ शकत नव्हते. विद्यार्थ्यांनी अभ्यास करून विस्तृत उत्तरे लिहिण्याची तयारी केली होती पण ऑनलाइन पद्धतीने बहुपर्यायी प्रश्नपत्रिका तयार करून परीक्षा घेण्यात आली .अर्थात हे आव्हान पेलणे सोपे नव्हते. पण विद्यार्थी, शिक्षक व तंत्रज्ञ यांच्या प्रयत्नांमुळे हे आव्हान लीलया पेलता आले.

महाविद्यालयीन प्रवेशप्रक्रिया ही कोरोनाच्या संक्रमणामुळे बाधित झाली. दरवर्षी बीए,बी. एस्सी, कॉम्प्युटर सायन्स,बायोटेक्नॉलॉजी या अभ्यासक्रमांना खूप मागणी असायची पण ती या काळात कमी झाली. जे विद्यार्थी प्रवेश घेऊ इच्छित होते ते आर्थिक अडचणीमुळे प्रवेश शुल्क भरू शकत नव्हते. ज्यांनी प्रवेश घेतला त्यांनीही पूर्ण शुल्क भरले नाही,परिणामी महाविद्यालयाची आर्थिक बाजू कमकुवत झाली. याही परिस्थितीत विद्यार्थीहिताचे निर्णय घेत महाविद्यालयाची वाटचाल सुरु आहे. शिक्षकांनी, माजी विद्यार्थ्यांनी आर्थिक दृष्ट्या दुर्बल असलेल्या विद्यार्थ्यांना शिष्यवृत्ती देऊ केली, त्यामुळे निश्चितच या विद्यार्थ्यांचे शिक्षण खंडित झाले नाही.

प्रोग्रेसिव्ह एज्युकेशन सोसायटीचे माननीय कार्यध्यक्ष डॉ.गजानन एकबोटे सर व बिझनेस कौन्सिलच्या सर्व सदस्यांनी या महाविद्यालयाने ऑटोनाॅमीला (स्वायत्तता) सामोरे जावे असा विश्वास व्यक्त केला ,त्यानुसार आवश्यक ती कार्यवाही व पत्रव्यवहार पूर्ण केला

आहे. यासंदर्भात महाविद्यालय विद्यापीठ अनुदान आयोगाच्या समिती भेटीच्या प्रतीक्षेत आहे. तसेच फेब्रुवारी २०२२ मध्ये महाविद्यालय NAAC च्या चौथ्या पुनर्मुल्यांकनाच्या प्रक्रियेला सामोरे जाणार आहे. त्यासाठी सातत्याने तयारी चालू आहे. सर्व विभागप्रमुख, समिती प्रमुख यांनी त्यांच्या शैक्षणिक कार्याचे अहवाल, संबंधित कागदपत्रे DVV साठी उपलब्ध करून दिली आहेत, त्याचा फायदा NAAC साठी SSR लिहिताना होणार आहे. या निमित्ताने महाविद्यालय काही नवीन अभ्यासक्रम सुरु करणार असून नवीन वर्ग, अद्ययावत प्रयोशाळा व स्मार्ट बोर्ड यांची व्यवस्था करणार आहे .

केंद्र सरकारच्या जैवतंत्रज्ञान विभागाच्या डीबीटी'बिल्डर' या राष्ट्रीय स्तरावरील योजने अंतर्गत या महाविद्यालयाला संशोधनासाठी अडीच कोटींचा निधी मिळाला आहे. या निमित्ताने महाविद्यालयीन पातळीवरील संशोधनाला नक्कीच गती मिळेल. या संदर्भात मी डॉ. विनयकुमार व सर्व सहकारी प्राध्यापकांचे हार्दिक अभिनंदन करतो. महाविद्यालयाच्या या विकासामध्ये आपल्या संस्थेचे कार्याध्यक्ष डॉ. गजानन एकबोटे सरांचे मार्गदर्शन अत्यंत मोलाचे आहे. तसेच संस्थेचे अन्य पदाधिकारी प्रा. श्यामकांत देशमुख, प्रा.जोत्सना एकबोटे डॉ. प्रकाश दीक्षित. प्रा. सुरेश तोडकर या सर्वांचे सहकार्य

देखील महत्वाचे आहे. या सर्वांच्या प्रेरणेमुळेच आम्हाला नवीन आव्हानं पेलण्याचे बळ मिळते ,म्हणून त्या सर्वांचे मनपूर्वक आभार मानतो. कोविद-१९ या महामारीच्या पार्श्वभूमीवर 'आकांक्षा 'या नियतकालिकांचा अंक प्रकाशित होत आहे ,त्यासाठी लेखन करणारे विद्यार्थी ,अहवाल देणारे विभागप्रमुख ,समिती प्रमुख आणि आशयघन अंक संपादन करण्यासाठी अवरित प्रयत्न करणारे संपादक मंडळ या सर्वांचे मनापासून अभिनंदन करतो !

कोरोना महामारीमुळे शैक्षणिक कालक्रम बिघडला असला तरी आता परिस्थिती निवळायला सुरवात झाली आहे शिक्षक, शिक्षकेतर कर्मचारी विद्यार्थ्यांच्या आगमनाची वाट बघत आहे. ग्रंथालये,कॅटीन, प्रयोगशाळा,वर्गखोल्या, क्रीडांगण विद्यार्थ्यांनी पुन्हा एकदा गजबजून जाव्यात व चैतन्यमय वातावरणात नववर्षाची सुरवात व्हावी अशी प्रत्येकाची इच्छा आहे. विद्यार्थी, पालक, प्राध्यापक वर्ग, प्रशासकीय वर्ग, संस्थेचे सर्व पदाधिकारी यांना येणारा काळ हा आरोग्यपूर्ण, मंगलमय जावो आणि मानवी जीवन कोरोनाच्या सावटापासून मुक्त होओ अशी कामना करतो. धन्यवाद !

सर्वे भवन्तु सुखिनः । सर्वे सन्तु निरामयाः ।

संस्था गीत

गरुडभरारी वेगाची - विकासाची - समृद्धीची ॥
ज्ञानात जागृती देशाची, घातली साद उत्थानाची ॥धृ.॥

हे मंदिर स्थापिले शारदेचे, ज्ञानी गुणी शिक्षकांनी
ज्ञानमयो भव, व्हा प्रोग्रेसिव्ह, मंत्र दिला गुरुवर्यांनी
कवच हे 'मॉडर्न' शब्दाचे, क्षितिजे ही समृद्धीची
गरुडभरारी वेगाची - विकासाची - प्रगतीची ॥

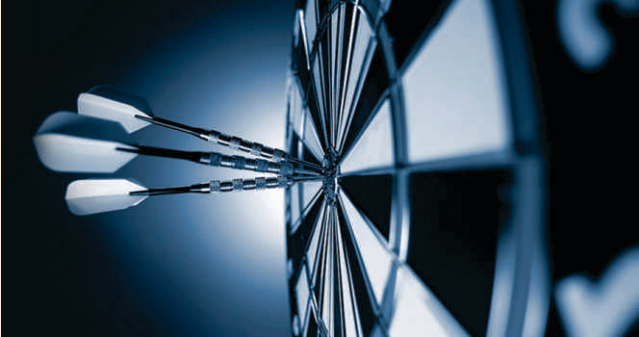
डौलात फुलविल्या, विद्याध्यास घेऊनी निर्मितीचा
गगनी उगवला ज्ञानसूर्य, अन् तिमिर सरे अज्ञानाचा
संचालक हे सारे शिक्षक, जोड अलौकिक त्यागाची
गरुडभरारी वेगाची - विकासाची - प्रगतीची ॥

व्यापार ज्ञानदानाचा कोणी इथे कधी केला नाही
संस्कारांचा विचार कोणी, अन् कधी त्यागला नाही
विद्यार्थी व्हावा ज्ञानार्थी, कास धरु या वचनाची
गरुडभरारी वेगाची - विकासाची - प्रगतीची ॥

नवतंत्रज्ञान मिळो सर्वांना, असू दे रंक, असो राव
नवमंत्राचे भान मनाशी, नाही स्वार्थाचा भाव
ना मोहाला थारा, ना आसक्ती धनसंपत्तीची
गरुडभरारी वेगाची - विकासाची - प्रगतीची ॥

निर्मिती

प्रा. डॉ. गजानन र. एकबोटे
कार्याध्यक्ष, प्रो. ए. सोसायटी, पुणे
गीतकार : जयंत जोर्वेकर



Mission Statement

Our Goal is

To create and develop

'Modern' Youth

as responsible citizens with

Multidimensional

Personalities by inculcating

among Students a blending

of Cultural awareness,

Compassionate and

Progressive attitude,

Scientific insights and Time-

tested

traditional values.



डॉ. संस्कृती आवलगावकर
संपादक

संपादकीय



२०२०-२१ या शैक्षणिक वर्षातील 'आकांक्षा' या महाविद्यालयीन नियतकालिकाचा अंक अत्यंत बिकट परिस्थितीत प्रकाशित करीत आहोत कारण कोरोना महामारीच्या प्रसारामुळे हे शैक्षणिक वर्षही प्रभावित झाले आहे. ऑनलाईन शिक्षण पद्धतीचा वापर करून यंदाचा अभ्यासक्रम पूर्ण झाला आहे. तळागाळातील गरीब विद्यार्थी असो किंवा आदिवासी पाड्यातील तंत्रज्ञानाच्या सुविधांचा अभाव असणारे विद्यार्थी असो, या सगळ्यांना या परिस्थितीचा मुकाबला करावा लागला. 'न भूतो न भविष्यती' अशी गंभीर परिस्थिती शिक्षण क्षेत्रात निर्माण झाली. पण अनंत अडचणीवर मात करीत शिक्षक आणि विद्यार्थीनी यशस्वीपणे हा लढा दिला, असे निश्चितच म्हणता येईल .

२०२०-२१ या शैक्षणिक वर्षातील आकांक्षा या महाविद्यालयीन नियतकालिकाचा अंक हा 'कोरोनाशी आम्ही दिलेला लढा' (#Corona #Fighter) या विषयावर आधारित आहे. यासंदर्भातील इतका भयंकर अनुभव घेऊनसुद्धा आम्ही या अंकासाठी हा विषय निवडला यामागे निश्चितच काही कारणे आहेत. मानवजातीवरील हा आघात सहन करत असताना अनेक पदरी अनुभवाला आपण सामोरे गेलो, कधी दाहक वास्तवाचे चटके आपण भोगले. या वाईट काळात अनेक वेळा माणुसकीचे दर्शन झाले. जीवाची पर्वा न करता सहस्र मदतीचे हात पुढे आलेले आपण पहिले अन कृतार्थतेची भावना आपल्या मनात निर्माण झाली तर काही वेळा मृताच्या टाळूवरचे लोणी खाणारे स्वार्थी लोक पाहून दारुण दुःखही झाले. शिस्तीचे, स्वच्छतेचे महत्व लक्षात आले. हे सारेच विद्यार्थ्यांमार्फत शब्दांकित व्हावे अशी संपादक मंडळाची इच्छा होती, मुख्य म्हणजे विद्यार्थ्यांनी पण या विषयाला उत्तम प्रतिसाद दिला .

कोरोना काळात विद्यार्थ्यांनी घेतलेले वेगवेगळे अनुभव या नियतकालिकातील लेखना मधून मांडले आहेत. हे विद्यार्थी कोरोना योद्धे म्हणून काम करत असतांना, विद्युत दाहिनीवर काम करत असतांना समोर आलेलं वास्तव किती भयावह होत हे या लेखांतून जाणवतं. अनेक वेळा विलगीकरण कक्षात कार्यकर्ते म्हणून काम करत असताना तेथील वातावरण, शिस्त, कोरोना रुग्णांसोबत त्यांचे निर्माण झालेले स्नेहबंध शब्दांकीत केले आहे. या कठीण काळात गरजूंना

अन्नधान्य वाटप करण्याच्या कार्यातही काही विद्यार्थी सक्रीय सहभागी होते .राष्ट्रीय सेवा योजनेच्या माध्यमातूनही विद्यार्थ्यांना मदतीचा हात पुढे केला होता. एकूणच कोरोना वॉरिअर म्हणून आमच्या अनेक विद्यार्थ्यांनी गौरवास्पद कामगिरी केली आहे. स्वतःचा जीव धोक्यात घालून समाजाप्रती बांधिलकी जपणाऱ्या या विद्यार्थ्यांचा आम्हाला सार्थ अभिमान आहे.

हा अंक कोविड -१९ या विषयावर आधारित असल्याने या विषयाच्या अनेक बाजूही या अंकात अंतर्भूत आहेत. या महामारीची विज्ञाननिष्ठ माहिती, या भयावह आजाराचे सामाजिक, मानसिक आणि आर्थिक परिणामावर यावरही प्राध्यापक आणि विद्यार्थ्यांनी लेखन केले आहे. 'ऑनलाईन शिक्षण' या विषयावरही विद्यार्थ्यांनी मोकळेपणाने मत मांडली आहेत. 'विचारतरंग' या विभागात 'नवीन शैक्षणिक धोरण' या ऐरणीच्या विषयावर विद्यार्थ्यांनी प्रकाश टाकला आहे. महाविद्यालयीन युवक-युवतींच्या भावविश्वाची साक्ष देणाऱ्या विविध कवितांनी देखील हा आकांक्षाचा अंक सजला आहे. या अंकात लेखन करणाऱ्या सर्व प्राध्यापक आणि विद्यार्थ्यांचे मनापासून अभिनंदन !

या अंकाची निर्मिती होत असतांना अनेकांची मदत होत असते.सर्व विभागप्रमुख, समिती समन्वयक, सर्व प्राध्यापक वर्ग, प्रशासकीय अधिकारी या सर्वांचे मनापासून आभार व्यक्त करते. महाविद्यालयाचे प्राचार्य डॉ. संजय खरात व तीनही शाखांच्या उपप्राचार्या यांचे मार्गदर्शन या अंकासाठी लाभले. त्यांचेही मनःपूर्वक आभार मानते. संस्थेच्या सर्व मान्यवर अधिकाऱ्यांची प्रेरणा आम्हाला नेहमीच उर्जा देते. त्याच्याप्रती मी कृतज्ञता व्यक्त करते.

हा अंक कोरोना काळातच प्रसिद्ध होत आहे ,अजूनही सर्वांनी काळजी घेणे क्रमप्राप्त आहे. हळूहळू जनजीवन पूर्वपदावर येईल. पण त्यासाठी जागरूक राहून जिद्दीने हा लढा लढण्यासाठी कटिबद्ध राहिले पाहिजे ही लढाई जिंकण्यासाठी हरिवंश राय बच्चन यांच्या कवितेच्या पुढील ओळी आपल्याला नक्कीच प्रेरणा देतील. धन्यवाद !

तू न थकेगा कभी, तू न रुकेगा कभी, तू न मुडेगा कभी, कर शपथ, कर शपथ, कर शपथ, अग्निपथ अग्निपथ अग्निपथ।

Congratulations

Best Student Award 2020-21 : Taneeshi Kotwal



“The greatest glory in living lies not in never falling, but in rising every time we fall”. – Nelson Mandela. I think the pandemic has been a blow to us and it keeps pushing us down, but as Mandela said all we need to do is to find the strength and will to rise again.

I am Taneeshi Kotwal of TY B.Sc Zoology, recipient of 'Best Student Award', and title of 'Pride of Modern'. I am a licensed Rescue Cuba Diver, Advanced Mountaineer and aspire to be a scientist in the field of Marine Biology. The past year has been difficult to everyone – be it students, teachers, employees, or even the bosses, the pandemic has a hold on the entire country and the world.

In my opinion, the pandemic is a test ; a test of humanity, kindness, humbleness, preserverence, will power, loyalty, integrity, empathy, generosity, compassion and all other

qualities that constitute a good person. The results of this test is seen in our daily life.

From a young age I was always told by my parents to first be a good person. It is always east to be good when circumstances are good, it is hard when times are bad, but if you succeed you will become like a beautiful lotus in the grimy swamp. I strive to live by this, and it is my family who have made me who I am today

I am sure that we have all come across real life heroes who's relentless service makes our lives smooth, Our COVID warriors – doctors, nurses, police, cleaners, care centre staff, grocers, milk and vegetable vendors, and many more. We owe it to them to maintain protocol and each step in this direction. is invaluable. So stay safe, stay healthy, and all the best wishes to everyone.

Taneeshi Kotwal
T.Y.B.Sc Zoology



Congratulations

Special Appreciation Award 2020-21 : Parimal Gangurde



No sooner had I our college prospectus in my hand during the admission than I was transfixed by the phrase "PRIDE OF MODERN" in it. Since then, during every activity or event I was participating in, somewhere at the back of my mind I always had the desire of achieving it. No goal is achieved in an easy way and I've heard that a virtue is born out of suffering. It was only when by virtue I started to accept, embrace and work on my flaws, I could see myself reaching a step closer to my goal each day. Otherwise I was as lost as any other new comer in FY. Its completely alright to feel lost in the beginning, what made the change happen was the act of me getting up and reaching out to any possible mentor around. I received one little push from the mentor back then and the journey from FY till TY has been me being a part of that every activity that I was once scared of participating in. I took part in Yuva Saptah's poetry reading, handwriting, spellathon, kaun banega history scholar, etc events consecutively each year, participated in sports knowing its my fear spot. Took part in cosplays of English department and extravaganza which shall always have a special spot in my heart. The geography & history department treks. Represented our college for a state level elocution competition. Along with these, came a free ticket to a roller coaster full of anxiety, self-doubt and low self-esteem. Not

only did this list of activities gave my application for Pride of Modern a good body but most importantly, I could discover the capabilities that I possessed which were hidden under this burden of self-doubt for a few years. Also, the interview round was commendable. The external jury panel gave me an experience via which I've imbibed a confidence that oughts to bear me fruits in my future initiatives. This suit of confidence given by MODERN COLLEGE will be worn and carried by me forever.

And yes, in the end I didn't get PRIDE OF MODERN award, but rather I am extremely honoured to tell that I received an award that defined all the three years of modern college for me -- THE APPRECIATION AWARD, they've appreciated the efforts and hardwork that I put into creatively competing and working hard towards my goal.

Can you hear what the " appreciation award" says? It says "KEEP WORKING HARD AND PERSISTENTLY ON YOURSELF AND YOUR GOAL EVEN IF YOU FEEL YOUR EFFORTS ARE UNNOTICED." So get up and start working, because nothing goes unnoticed from the eye of the appreciation award!

Voyager
Parimal Sadhana Gangurde
TYBA - History



सेवानियुक्ती ते सेवानिवृत्ती

डॉ. दस्तगीर रमजान पठाण
अर्थशास्त्र विभाग

या मे महिन्यात मी महाविद्यालयातून सेवानिवृत्त होत आहे या निमित्ताने मी आपल्याशी आकांक्षा या नियतकालिकातून संवाद साधत आहे. या लेखाच्या माध्यमातून मी माझ्या मनातील अनेक आठवणींना उजाळा देत आहे.

सर्व प्रथम माझ्या शैक्षणिक वाटचालीच्या संदर्भातील थोडक्यात माहिती देतो. माझे प्राथमिक शिक्षण बोरी तालुका खंडाळा जिल्हा सातारा या ठिकाणी झाले. आणि माध्यमिक व उच्च माध्यमिक शिक्षण लोणंद येथील मालोजीराजे महाविद्यालय येथे झाले. पदवी आणि पदव्युत्तर शिक्षण वाई येथील किसन वीर महाविद्यालय झाले. १९८४ मध्ये बी.ए. आणि १९८६ मध्ये एम.ए. झालो. या शैक्षणिक क्षेत्रात येण्यापूर्वी एक वर्ष म्हणजेच १९८६-८७ या कालावधीत वाई येथील मराठी विश्वकोश कार्यालयांमध्ये सहा महिने काम केले व नंतर मुंबई येथील सचिवालयमध्ये सहा महिने काम केले. १९८७ मध्ये मी ज्या महाविद्यालयातून एम.ए. केले होते, म्हणजेच किसन वीर महाविद्यालय वाई या ठिकाणी तीन वर्ष प्राध्यापक म्हणून रुजू झालो. परंतु रिझर्वेशनची पोस्ट असल्यामुळे मला त्यांना घेणे शक्य नव्हते. त्यानंतर १९९१-९२ मध्ये दापोली कॉलेज, जिल्हा रत्नागिरी या ठिकाणी एक वर्ष काम केले. परंतु त्या ठिकाणी ही रिझर्वेशन पोस्ट असल्यामुळे त्यांना घेणे शक्य नव्हते.

१९९२ मध्ये आपल्या मॉडर्न महाविद्यालयाची जाहिरात माझ्या वाचनात आली. या महाविद्यालयात अर्ज केला. जेव्हा या महाविद्यालयात मुलाखतीला आलो, त्यावेळी माझ्याबरोबर पाच ते सहा व्यक्ती मुलाखतीला आलेल्या होत्या. परंतु मला सर्वात जास्त शैक्षणिक ४ वर्षांचा अनुभव मला असल्यामुळे या महाविद्यालयात निवड झाली. त्यावेळी निवड समितीमध्ये मॉडर्न महाविद्यालय शिवाजीनगर येथील डॉ. मुकुंद महाजन होते. निवड करताना फ्रेश व्यक्ती घेण्याऐवजी टिचिंगचा अनुभव असल्यामुळे माझी निवड झाली. १९९२ पासून म्हणजेच महाविद्यालयाच्या स्थापनेपासून मी येथे कार्यरत आहे. सेवानियुक्ती ते सेवानिवृत्ती १९९२ ते मे २०२१ अशी सलग २९ वर्षे मी या महाविद्यालयाच्या सेवेमध्ये आहे. सुरुवातीच्या तीन वर्षांमध्ये तासिका तत्त्वावर होतो. कारण महाविद्यालय नव्याने सुरु झाल्यामुळे आम्ही त्या वेळचे सर्व प्राध्यापक तासिका तत्त्वावर काम करत होतो. तासिका तत्त्वावर आम्हाला त्यावेळी २५ रुपये तास याप्रमाणे वेतन दिले जात होते. १९९२ मध्ये माझा पहिला पगार रु. ५०० होता. ते पहिले

पासबुकसुद्धा मी अजून जपून ठेवले आहे. त्यानंतर दुसऱ्या वर्षी एस.वाय. आणि तिसऱ्या वर्षी टि.वाय. असे वर्ग सुरु झाले. त्यामुळे आमचे तास वाढले, आणि १९९४-१९९५ पासून या महाविद्यालयात पुर्ण वेळ सुरुवात झाली. साधारण महिन्याला दोन हजार रुपये आम्हाला वेतन मिळू लागले. हळूहळू या महाविद्यालयांला अनुदान मिळू लागले आणि २००२ मध्ये हे महाविद्यालय पूर्णपणे अनुदानित झाले.



महाविद्यालयाचा सुरुवातीचा काळ अतिशय कठीण होता मॉडर्न हायस्कूलच्या शेजारी पत्र्याच्या दोन शेडमध्ये हे महाविद्यालय सुरु झाले. सुरुवातीला नऊ ते दहा शिक्षक व दोन प्रशासकीय कर्मचाऱ्यांमध्ये पाठक मॅडम व घोडेकर, दोन सेवक स्टाफमध्ये चारुदत्त लाटे व प्रकाश जोशी अशी संख्या होती. सुरुवातीला एफ.वाय.बी.ए. ४० विद्यार्थी आणि एफ.वाय.बी.कॉम ६० विद्यार्थी अशी एकूण १०० संख्या होती. त्यानंतर १९९३ मध्ये विज्ञान शाखा सुरु झाली. महाविद्यालयाच्या उभारणीमध्ये संस्थेचे कार्याध्यक्ष डॉ. गजानन एकबोटे यांचा सिंहाचा वाटा आहे. कुशल सर्जन, विद्यापीठाच्या विविध समित्यांवर आपल्या कामाचा ठसा उमटवणारे अनेक पुरस्कार प्राप्त झालेले, उच्च शिक्षण विषयक विद्वत्तापूर्ण मते मांडणारे, सृजनशील, बहुआयामी व्यक्तिमत्त्व, या महाविद्यालयाचे ते शिल्पकार आहेत. हे महाविद्यालय उभारणे, वाढवणे, हे त्यांचे स्वप्न साकार झाले. अनेक लोकांचा विरोध पत्करून त्यांनी हे ध्येय साध्य केले. त्यासाठी त्यांनी केलेल्या अथक प्रयत्न, परिश्रमाचे आम्ही साक्षीदार आहेत. त्यांचे नेतृत्वकौशल्य, संघटनकौशल्य, या गुणांबरोबरच आपुलकीने माणसे जोडण्याचा त्यांचा विशेष गुण आम्हाला सतत जाणवितो.

महाविद्यालयाच्या सुरुवातीच्या काळात प्राध्यापक चिरपुटकर सर, डॉ. ए.के. पांडे, यांचे बहुमोल मार्गदर्शन लाभले. महाविद्यालयाचे व्हिजिटर व संस्थेचे उपकार्यवाह डॉ. प्रकाश दीक्षित यांचे मोलाचे सहकार्य मिळाले. महाविद्यालयाच्या स्थानिक व्यवस्थापन समितीचे अध्यक्ष सुरेश तोडकर यांचेही खंबीर नेतृत्व महाविद्यालयाला लाभले. महाविद्यालयाच्या उभारणीमध्ये प्राचार्यांची योगदान फार मोलाचे आहे. सुरुवातीचे प्राचार्य पी. एन. कुलकर्णी, एम. ए. कुलकर्णी, प्रा. वनकळस, डॉ. साधना नातू, प्रा. बेले सर, डॉ. संजय खरात या सर्वांनी महाविद्यालयाच्या



उभारणीमध्ये फार मोलाचे योगदान दिले आहे. महाविद्यालयाच्या उभारणीपासून ते आतापर्यंत लाभलेले प्राचार्यांच्या योगदानामुळे कॉलेजच्या प्रगतीचा आलेख उंचावत गेला.

महाविद्यालयाची उभारणी, पायाभरणी मी पाहिलेली आहे. काळानुरूप कॉलेजचे बदललेले स्वरूप पाहताना मन भरून येते. महाविद्यालयाने विविध क्षेत्रात केलेली प्रगती, मिळवलेले पुरस्कार, मिळवलेला नावलौकिक याचा अभिमान वाटतो. या महाविद्यालयाने आम्हाला स्वतःची ओळख दिली. आमचे व्यक्तिमत्त्व घडवले, आत्मविश्वास निर्माण केला. महाविद्यालयातील कामाच्या अनुभवाने आजही आम्ही आमच्या वैयक्तिक आयुष्यातले चढ-उतार सहजपणे, सक्षमपणे पेलत आहोत.

महाविद्यालयाच्या LMC चे पहिले अध्यक्ष रवींद्र किराड सर यांचा या महाविद्यालयाच्या उभारणीत मोलाचा वाटा आहे. आणि सध्याचे LMC चे अध्यक्ष माननीय श्री. तोडकर सर आहेत. त्यांचे हे योगदान महत्त्वाचे आहे. त्यांच्या सकारात्मक दृष्टिकोनाचा आम्हाला नेहमीच फायदा होतो त्यांचे विचार सातत्याने प्रेरणा देणारे असतात. त्यानंतर संस्थेने कॉलेजसाठी ही जागा घेतली आणि अक्षय तृतीयेच्या मुहूर्तावर महाराष्ट्राचे सभापती माननीय जयवंतराव टिळक यांच्या हस्ते महाविद्यालयाचे उद्घाटन झाले. नंतर हळूहळू इमारतीचे काम सुरु झाले सुरुवातीला पहिला मजला त्यानंतर दुसरा तिसरा अशाप्रकारे आजची ही भव्यदिव्य इमारत निर्माण झाली.

महाविद्यालयाच्या सेवेत असताना मी विविध समित्यांमध्ये काम केले. त्यामध्ये NSS मध्ये सुरुवातीला असिस्टंट Programme Officer म्हणून ९ वर्ष आणि २००८ ते २०१०-११ मध्ये NSS Programme Officer ३ वर्षे अशी एकूण बारा वर्ष मी NSS मध्ये कार्यरत होतो. सर्वात जास्त काळ या उपक्रमात मी सक्रिय होतो. २०१४-१५ ते २०१६-१७ अशी तीन वर्षे विद्यार्थी कल्याण अधिकारी म्हणून काम पाहिले. या कालावधी राबवलेल्या विविध उपक्रमाचा प्रस्ताव विद्यापीठाकडे पाठवला. आणि पुणे विभागातून उत्कृष्ट विद्यार्थी कल्याण अधिकारी पुरस्कारही मिळाला. याशिवाय परीक्षेची विविध कामेही केली. त्यामध्ये पेपर सेटिंग, पेपर चेकिंग, मॉडरेशन, टि.वाय.बी.ए. इकॉनॉमिक्सचे चेअरमन, या शिवाय सब्जेक्ट एक्सपर्ट, विद्यापीठाच्या एलआयसी कमिटीमध्ये मॅबर, अशी विविध कामे मी केली आहेत. कॉलेजमधील विविध उपक्रमात सुद्धा मी सक्रिय होतो.

२०१४-१५ मध्ये पीएच्.डी. ची जाहिरात आलेली होती. ज्येष्ठ प्राध्यापकांना Ph.D. करता यावी म्हणून पाच वर्षांचा अनुभव असणाऱ्या प्राध्यापकांना डायरेक्ट Ph.D. करता येईल. असा जी.आर होत. त्यानुसार मी अर्ज केला. आणि माझे पीएच्.डी.चे

रजिस्ट्रेशन झाले. दुसऱ्या वर्षी म्हणजे २०१५-१६ मध्ये तो जीआर विद्यापीठाने कॅन्सल केला. त्यामुळे मी थोडक्यात बचावलो. मला Ph.D. चे ऍडमिशन मिळाल्यानंतर दुसऱ्या वर्षी तो जीआर कॅन्सल झाला. विद्यार्थी कल्याण अधिकारी म्हणून २०१४ १५ मध्ये मी जबाबदारी स्वीकारली त्याच वेळी Ph.D. साठी सुद्धा रजिस्ट्रेशन केले. एका बाजूला विद्यार्थी कल्याण अधिकारी म्हणून जबाबदारी तर दुसरीकडे Ph.D. चे काम त्यामुळे मला खूप कसरत करावी लागली. Ph.D. च्या कामासाठी फारसा वेळ मिळत नव्हत. दिवाळीची सुट्टी आणि उन्हाळ्याची सुट्टी या कालावधीमध्ये Ph.D. चे काम करीत होतो. परंतु लॉकडाऊनमुळे पुन्हा एक वर्ष फायनल Viva-Voic साठी थांबावे लागले. आणि ४ मार्च २०२१ रोजी मी Ph.D. झालो. माझ्या Ph.D. चे सर्व श्रेय महाविद्यालयाचे प्राचार्य डॉ. संजय खरात यांना जाते. पीएच्.डी.ची जाहिरात आल्यानंतर सर्वप्रथम मला प्राचार्य डॉ. संजय खरात यांनी फोन केला. पीएच्.डी.साठी अर्ज करावा की, नको या मनःस्थिती मध्ये होतो. थोडा विचार करून मी फार्म भरला. आणि वरील जीआरनुसार माझे पीएच्.डी.चे सिलेक्शन झाले. आज मी पीएच्.डी. झालो. क्षणभर मी असा विचार केला, ही जर प्राचार्यांनी मला फोनच केला नसता, तर मी पीएच्.डी. होऊ शकलो नसतो. त्यांनी मला पीएच्.डी.साठी दिलेली प्रेरणा मी कधीही विसरू शकणार नाही. PhD काम म्हणजे मॉलमधील सरकत्या जिऱ्यासारख्या असते. एकदा पहिल्या पायरीवर पाय ठेवला की अपोआप वरती जातो.

माझ्या विभागातील माझे सहकारी डॉ. आबासाहेब शिंदे, प्रा. डोके सर, नितेश गुजराती, सवाईशिखरे सर, शिली जॉन मॅडम, या सर्वांचे मला मोलाचे सहकार्य लाभले. विविध विभागातील इतर प्राध्यापकवर्गाचे सुद्धा वेगवेगळ्या उपक्रमांमध्ये मोलाचे सहकार्य लाभले. महाविद्यालयातील प्रशासकीय कर्मचारी यांचे योगदान फार महत्त्वाचे ठरले. महाविद्यालयाचे सुरुवातीचे दिवस आठवताना या महाविद्यालयाचा प्रवास तिमिरातून तेजाकडे सुरु आहे असेच वाटते. आपण जे काही यश मिळवलेले असते. ते आपल्या आई-वडिलांमुळे असते. त्यांचे ऋण आपण फेडू शकणार नाही. त्यामुळे शब्दसुमनाने त्यांच्याविषयी असणारी कृतज्ञता व्यक्त करतो. माझ्या संपूर्ण जीवन प्रवासामध्ये माझ्या पत्नीचे सहकार्य हे तितकेच मोलाचे आहे. कारण तिने कुटुंबाची सर्व जबाबदारी स्वीकारून खऱ्या अर्थाने मला साथ दिली. त्यामुळे मी महाविद्यालयातील विविध जबाबदाऱ्या मी पूर्ण करू शकलो. आपल्या सोबत विविध गोड आठवणी आहेत. आपला निरोप घेताना अंतःकरण भरून येतो. हे महाविद्यालय माझ्या मर्मबंधातला ठेवा आहे. या सर्व विषय कृतज्ञता बाळगून मी माझे माझे मनोगत संपवतो.

धन्यवाद.



आम्ही कोरोनाशी दिलेला लढा

#CORONA #FIGHTER

कोरोना तू माणसाला जगणं शिकवून गेला

इतक्यात माणूस प्राणी खूप शेफारला होता,
त्याला वाटलं होतं की असा हवा त्याने तीर
मारला होता.
अशा उम्रटपणाला तू एक दणका देऊन गेला,
कोरोना तू माणसाला जगणं शिकवून गेला.
पहिले तर आम्ही कधीच घरात राहत नव्हतो,
राहिलो तरी एकमेकांशी संवाद साधत नव्हतो.
बाप मुलाला तीन तीन दिवस नाही दिसायचा,
आईला मोबाईल शिवाय वेळ कुठे असायचा.
अशा दुरावलेल्या नात्यांना लळा लावून गेला,
कोरोना तू माणसाला जगणं शिकवून गेला.
रुमाल न धरता खोकायचो, कुठे ही थुंकायचो,
जेवण करण्याआधी हातपाय कधी धुवायचो.
स्वच्छतेला तर आम्ही केला ही नव्हता स्पर्श,

गलिच्छपणी राहण्यात वाटायचा किती हर्ष.
आता सॅनिटाईजर चा तुटवडा करून गेला,
कोरोना तू माणसाला जगणं शिकवून गेला.
विसरून गेला होता आपली सुशील संस्कृती,
आधुनिकतेचे नाव घेऊन फोफावत होती विकृती.
घरादारात माणसे सारी झालीत बंद,
जातीवाद, आत्याचाराचा येईना आता गंध.
आंदोलने बंद पडली मोर्चे ही पेंगलेत शांत,
सिमेवरचे भांडण मिटले ओसाड पडले प्रांत.
खरी दहशत काय असते ते दाखवून गेला,
कोरोना तू माणसाला जगणं शिकवून गेला..

प्रतिक होनमाने
S. Y. B.A

“कहाणी ‘कोरोना’ची”

प्रा. डॉ. अश्विनी कुलकर्णी
Microbiology Department

आपल्या संस्कृतीमध्ये कथा-कहाण्या व तत्सम साहित्यास अनन्यसाधारण स्थान आहे. या कहाण्या आपल्याला भूतकालीन घटना, त्यांचे तात्पर्य अन् त्याचा सद्यस्थितीशी असणारा संबंध यांचे सुंदर आशयसूत्र प्रदान करतात. आज मी आपल्याकरिता घेवून आले आहे- सध्या अवघ्या मानवजातीस ग्रासून वर चार अंगुळे शिल्लक राहिलेल्या ‘कोरोना’ची कहाणी!

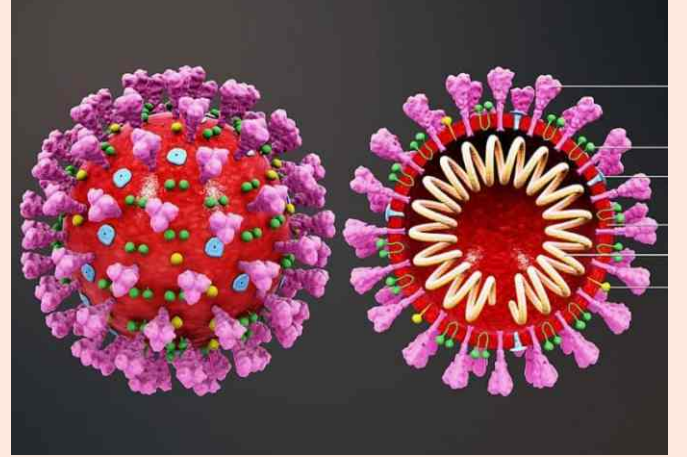
कोण आहे हा कोरोना ?

‘कोरोना’ हे एका विषाणू समूहाचे म्हणजेच व्हायरसच्या ग्रुपचे नाव आहे. या समूहामधील काही सदस्य निरुपद्रवी आहेत तर काही मोजके विषाणू सदस्य सस्तन प्राणी वन्यपक्ष्यांमध्ये श्वसनसंस्थेशी निगडीत आजार निर्माण करतात. दरवर्षी ऋतूबदलाच्या कालखंडात आपल्याला सर्दी होत असते. अशी सर्दी निर्माण करणारे विषाणू यांचेच भाईबंद बरं का! पण सध्या व गतशतकामध्ये ज्यांनी सर्वांच्या मनामध्ये धडकी बसवली आहे ते कोरोनावर्गीय विषाणू या सामान्य सर्दीच्या त्रासापलिकडे जावून अधिक गंभीर प्रकारची लक्षणे निर्माण करताना दिसून आले आहे.

आता आपण समजून घेवू की याचे नामकरण ‘कोरोना’ असेच का झाले. पूर्वी ब्रिटीश साम्राज्यामध्ये एखाद्या राजघराण्यातील व्यक्तीस नव्याने राज्याधिकार प्राप्त व्हायचे, त्या विधीस ‘कोरोनेशन’ असे म्हणायचे. राजा अथवा सिंहासनाधीश व्यक्ती अनेकांहून वेगळे आहे, हे दर्शविण्याकरिता तिला विशेष असा राजमुकूट धारण करण्यास दिला जायचा. या मुकूटाची प्रभा वाढविण्याकरिता त्यास अनेक किमती रत्नांचे जडाव असायचे, ज्यामुळे प्रभामंडळ शिराभोवती असल्याचा आभास व्हायचा. हाच शब्द सूर्याभोवती वायूंच्या कणभारित वातावरणामुळे दिसणाऱ्या विशिष्ट प्रभामंडळाकरिताही वापरला जातो. ज्यावेळी इलेक्ट्रॉन सूक्ष्मदर्शकातून हा विषाणू प्रथमतः पाहण्यात आला, त्यावेळी त्याच्या वाटोळ्या शरीरावर प्रभामंडळ दर्शविण्यासाठी जशा रेषा आखल्या जातात, तशीच रेखासूची पाहण्यात आली. या रेखासूची त्या विषाणूचे गुणवैशिष्ट्य असणाऱ्या अशा प्रथिनांच्या संरचनेमुळे दिसतात. अशाप्रकारे प्रभामंडळाशी म्हणजे ‘कोरोनाशी’ साधर्म्य असल्यामुळे त्यांना ‘कोरोना विषाणू’ असे नाव प्राप्त झाले.

हा कोरोना आला कोठून ?

तसा याचा शोध विसाव्या शतकातलाच! कोरोना विषाणूची



सर्वात पहिली नोंद १९२० सालची. उत्तर अमेरिकेमध्ये पाळीव कोंबड्यांमध्ये नेहमीच्या न्यूमोनियापेक्षा थोडी वेगळी लक्षणे असणारा असा श्वसनसंस्थेचा विकार पाहण्यात आला. त्यामागील कारण व कारक शोधण्याकरिता संशोधन सुरू करण्यात आले. तब्बल अकरा वर्षांच्या प्रदीर्घ संशोधनाअंती १९३१ साली आर्थर शाल्क आणि हॉन या संशोधक जोडगोळीने या नवीन प्रकारच्या विकारामागे एक नवीन प्रकारचा विषाणू असल्याचे प्रयोगनिशी सिद्ध केले. प्रथमतः त्याचे ‘इन्फेक्शियस ब्राँकायटीस व्हायरस’ असे नामकरण करण्यात आले. तदनंतर इलेक्ट्रॉन सूक्ष्मदर्शकाचा शोध लागल्यावर यांची वैशिष्ट्यपूर्ण संरचना अभ्यासण्यात आली आणि प्रथिनांचा मुकूट धारण करणाऱ्या या विषाणूसमूहाचे नाव ‘कोरोना व्हायरस’ असे सुनिश्चित करण्यात आले. अशा या प्रथिन मुकूटधारी समूहामध्ये तब्बल १२० प्रकारचे विषाणू आढळतात. पैकी काहीच सदस्य सस्तन प्राण्यांमध्ये रोग निर्माण करताना दिसून येतात.

सध्या प्रचलित असणारा सार्स-कोव्ह २ हा विषाणू हा या समूहामधीलच आहे. त्याला घाबरण्याची व त्याच्यापासून काळजी घेण्याची काय गरज आहे ते आता पाहू! २००३ साली याच प्रकारामधील सार्स-कोव्ह १ या प्रकारच्या विषाणूने जगाची डोकेदुखी वाढवली होती. त्यावेळी ‘कोरोना’ मंडळींनी विज्ञान जगताचे लक्ष वेधून घेतले होते. त्यांचे वैशिष्ट्य म्हणजे फ्लू-सदृश लक्षणांहून अधिक गंभीर स्वरूपाची लक्षणे- उदा. मध्यम स्वरूपाचा ताप, तीव्र स्नायूदुखी, कोरडा खोकला, तीव्र स्वरूपाची घसादुखी अशी लक्षणे अधिक प्रमाणामध्ये दिसून आली. त्यामुळे या लक्षणसमूहास सार्स म्हणजे SARS- सिव्हीअर अक्युट रेस्पिरेटरी

सिंड्रोम असे नाव देण्यात आले. अन् अशी लक्षणे मनुष्यांमध्ये निर्माण करणाऱ्या 'सारस-कोव्ह' म्हणजे 'सिव्हीअर अक्युट रेस्पिरेटरी सिंड्रोम कॉइंग कोरोना व्हायरसेस' अशा प्रकारे नामकरण करण्यात आले. अशा प्रकारे विषाणूंचे वर्गीकरण आणि नव्या विषाणूंचे नामकरण करण्याकरिता 'आंतरराष्ट्रीय विषाणू नामकरण समिती' या नावाची स्वतंत्र संस्था कार्यरत आहे.

या पहिल्या प्रकारच्या सारस प्रकारातील विषाणूनंतर सध्याचा विषाणू हा सारस-कोव्ह २ असा वर्गीकृत करण्यात आला. म्हणजेच आधीच्या विषाणूचा सख्खा भाऊ म्हणता येईल. सारस-कोव्ह १ चा २००३ नंतर एकही रुग्ण न मिळाल्याने त्याचे जगामधून उच्चाटन झाले. असे जाहीर करण्यात आले.

सारस-कोव्ह २ ची कार्यपद्धती-

सर्वच विषाणू हे आंतरपेशीय परजीवी या प्रकारात मोडतात. म्हणजे एका जिवंत पेशीच्या आतमध्ये ते जागृतावस्थेत असतात. तेच पेशीच्या बाहेर पडताच ते एका निर्जीव कणाप्रमाणे वर्तन करतात. यातही या बापड्यांच्या आवडी-निवडी असतात हो! त्यामुळेच ठराविक विषाणू ठराविक प्रकारच्या सजीवांमध्येच वाढू शकतात. अशा सजीवांना त्या विषाणूंचे 'होस्ट' असे म्हणतात. जैविक उत्क्रांतीचा भाग म्हणून हे विषाणू आपले 'होस्ट' बदलत असतात. सध्याचा सारस-कोव्ह २ हाही अशाच प्रकारे 'होस्ट' बदलून वटवाघळ्यांमधून आपल्याकडे आला आहे, असे एका संशोधनाअंती दिसून आले आहे. अशा 'होस्ट' बदलामधला समान दुवा म्हणजे मानव अन् वटवाघळू दोहोंचं 'सस्तन' प्रकारामध्ये मोडणं. यायोगे हे कारोना विषाणू प्रथम पक्ष्यांमध्ये राहत होते. त्यानंतर पक्षी व सस्तन प्राणी यांच्या सीमारेषेवर स्थित वटवाघुळांमध्ये आपलं घर बनवलं आणि आता उत्क्रांती त्रिकोणाच्या चरमस्थानी असणाऱ्या मानव जातीमध्ये आपलं नवं घर बनवू पाहत आहेत, अशा प्रकारे या विषाणूंच्या 'होस्ट' बदलाचा आणि उत्क्रांतीचा मागोवा घेता येईल.

सर्वात गमतीचा भाग म्हणजे वटवाघुळांना समजत देखील नाही की त्यांच्या शरीरामधील पेशींमध्ये हा भयानक विषाणू घर करून आहे ते! हे म्हणजे शत्रुप्रदेशात ओळख लपवून राहण्याचा गनिमी कावाच जणु! विषाणूंच्या अनेक पिढ्या अशी मुकबेरी करत, रोगाची लक्षणे निर्माण न करता रोगप्रतिकारक क्षमतेला गुंगारा देत राहतात. ज्यावेळी 'होस्ट' बदल होते, त्यावेळी मात्र असे विषाणू अधिकच घातक बनतात. सध्याचा रोग कोव्हीड-१९ म्हणजे कोरोना व्हायरस डिसीज; २०१९ साली प्रथम दिसला म्हणून Covid १९ हे नामाभिधान, हे याचं उत्तम उदाहरण होय!

कोव्हीड १९ ची लक्षणे व उपाय-

सारस-कोव्ह २ हा आधीच्या विषाणूपेक्षा घातक ठरला कारण याचा प्रसार आधीच्या विषाणूपेक्षा अधिक वेगाने होतो आणि हा तीव्र स्वरूपाची लक्षणे निर्माण करतो. ही लक्षणे साधारण न्यूमोनियापेक्षा वेगळी असल्याने 'अविशिष्ट न्यूमोनिया' या प्रकारामध्ये अंतर्भूत होतात. साधारण न्यूमोनियामध्ये संसर्ग हा फुफ्फुसांच्या वरील भागांमध्ये प्रामुख्याने दिसून येतो. तसेच कफ हा अधिक प्रमाणात निर्माण होतो. पण सारस कोव्ह २ च्या प्रादूर्भावात फुफ्फुसांचा खालचा भागही तितकाच प्रभावित होत असतो. फुफ्फुसे ही आपल्या शरीरामधील रक्तामध्ये ऑक्सिजन मिसळण्याची महत्त्वाची कामगिरी बजावत असतात. रक्तशुद्धीकरणकरिता रक्तामध्ये ऑक्सिजन पाठविण्यासाठी काम करणाऱ्या फुफ्फुसांच्या वायुमार्गांच्या टोकावर स्थित हवेच्या छोट्या पिशव्यांपर्यंत विषाणू संसर्ग पसरतो. हा संसर्ग साधारण न्यूमोनियात ठराविक भागामध्ये मर्यादित स्वरूपात असतो. पण अविशिष्ट न्यूमोनियात फुफ्फुसात अनेक ठिकाणी लहान स्वरूपाच्या जखमा होतात. अशा विखुरलेल्या जखमांच्या स्वरूपामुळे कफ निर्मिती होत नाही. हा ठळक असा फरक दिसतो. फुफ्फुसामधील हवेच्या पोकळ्याच संसर्गित झाल्याने रक्तामधील ऑक्सिजनची पातळी खालावते. जलद असा परिणाम ऑक्सिजनच्या प्रमाणावर दिसून येतो. म्हणूनच कोव्हीड चाचणीमध्ये रक्तातील ऑक्सिजनचे प्रमाण हे व्यवच्छेदक लक्षण मानले आहे. ऑक्सिजन पातळी खालावल्याने थकवा, धाप लागणे ही लक्षणे दिसतात.

आपल्या शरीराची रोगप्रतिकारक क्षमता एव्हाना कार्यरत झालेली असते. पण विषाणू हे आपल्याच पेशींच्या आतमध्ये राहत असल्याने रोगप्रतिकार करणाऱ्या पेशींचे सैन्य विषाणू शोधण्याऐवजी, विषाणू धारण करणाऱ्या पेशी शोधून त्यांच्यावर हल्ला चढवू लागतात. फंदाफितूरी खपवूनच घेतली जात नाही तर! संसर्ग विखुरलेल्या स्वरूपात असलेने अशा फितूरी करणाऱ्या पेशीही शेकडो अन् विखुरलेल्या स्वरूपात असतात. या सर्वांविरोधात बंड पुकारलं जातं.

आपल्या रोगप्रतिकारक खात्याकडे अनेक घातक हत्यारे असतात. या पेशी प्रतिपिंड निर्मिती म्हणजे अँटबॉडीजची अस्त्रे वापरतात वा घातक पेशीसंहारक विषांची अस्त्रे वापरून फितूर पेशींची कत्तल सुरू करतात. आपल्याच शरीरामधील दोन परिसंस्थांमध्ये घनघोर युद्ध छेडले जाते. परिणामी विषाणू सतत पेशींची घरे बदलत राहतात. ही प्रक्रिया घातक पातळीवर पोहोचते तेव्हा तीव्र दाह होवू लागतो. रोगप्रतिकारक यंत्रणेकडून वाहनिर्मिती करणाऱ्या रसायनांचा म्हणजेच 'सायटोकाईन्स' बेछुट वापर होवू लागतो. या स्थितीस 'सायटोकाईन्स स्टॉर्म' असे म्हणतात. ही अशी आणिबाणी असते ज्यात, दाह होवून शरीर खंगलेलं असतं,



रासायनिक बंडाचा पाडाव करावा तर रोगप्रतिकारक यंत्रणा दुबळी होण्याचा धोका असतो आणि विषाणू तर भरात येवून फुफ्फुसांच्या नुकसानीस कारण ठरत असतो. अशा परिस्थितीत विषाणूविरुद्ध नेमकेपणाने कार्य करणारी 'अँटीव्हायरल' औषधेच कामी येतात.

सार्स-कोव्ह २ घातक शस्त्र म्हणजे वेगाने रोगप्रसार करण्याची क्षमता! प्रसार कमी करण्यासाठीच विलगीकरण, शारिरीक अंतर, जमावबंदी अशा उपायांची अंमलबजावणी करण्यात येते. विषाणूस प्रसारासाठी नवी मानवी शरीरे मिळू नाही दिली तरच त्याची संपर्कसाखळी तुटू शकते अन् त्याचा प्रभावही कमी करता येतो!

अंक 'रेमदेसवीर' चा-

विज्ञानामधील प्रत्येक शोधाचे आणि संशोधनाचे आपले असे महत्त्व असते. आधी कधी करण्यात आलेले संशोधन, बनविण्यात आलेले औषध हे भविष्यात कसे उपयोगी पडू शकतो. याचे उत्तम उदाहरण म्हणजे 'रेमदेसवीर' हे औषध हे औषध आधी हिपॅटायटीससी या आजारावर उपचार म्हणून २००९ साली बनविण्यात आले. त्यानंतर अफ्रिकेमध्ये थैमान घालणाऱ्या रक्तस्रावी ताप 'इबोला' या विषाणूजन्य आजारावर याचा वापर करण्यात आला. कालौघात 'रेमदेसवीर' थोडं मागे पडलं. पण यावर संशोधन मात्र सुरुच होतं. याच संशोधनादरम्यान विविध प्रकारच्या विषाणूविरुद्ध या औषधाचा प्रभाव तपासताना कोरोनावर्गीय विषाणूवर समाधानकारक उपाय होत असल्याचं निदर्शनास आलं. ही माहिती सध्याच्या विषाणूवर पडताळण्यात आली. अनेक प्रकारच्या चाचण्या आखण्यात आल्या. हे औषध प्रथम, द्वितीय अन् तृतीय दर्जाच्या चाचण्यांमध्ये यशस्वी ठरले. आणि जगाला 'रेमदेसवीर' च्या रूपाने सार्स कोव्ह-२ वरती ठोस अशी उपचार प्रणाली मिळाली. आधीच्या संशोधनाचे अहवाल हाती असल्यामुळेच विक्रमी अशा कमी वेळात कोव्हीड १९ वर ठोस औषध मिळू शकले. इतक्या विक्रमी वेळात मान्यता प्राप्त झालेले हे पहिलेच औषध होय! अनेक गंभीर आजारांनी ग्रस्त असणाऱ्या व त्यात कोव्हीडसोबत झगडणाऱ्या रुग्णांना हे औषध एका संजवनीप्रमाणेच ठरले. विज्ञानातला कोणताही अभ्यास हा कधी वाया जात नसतो. त्याचा दृष्य उपयोग या क्षणी नसला तरी भविष्यातील संकटांवर मात करण्याची पायाभरणी अशा मूलभूत संशोधनाने नक्की होवू शकते, हे यातून पुनःप्रत्ययास आले.

अगदी असंच घडलं सार्स कोव्ह- २ च्या लसीबाबतीत. लस येण्याआधीच साथ अटोक्यात आली. तरी त्यावरील संशोधन वाया गेले नाही. सध्याच्या विषाणूचा अभ्यास व लसनिर्मितीची दिशा ठरविण्यास त्या आधीच्या संशोधनाचा खूप उपयोग झाला. अभ्यासाची दिशा अधिक सुनिश्चित झाली आणि परत एकदा

अतिशय विक्रमी कालावधीत परिणामकारक लसीची निर्मिती झाली. अठरा महिन्यांच्या विक्रमी कालावधीत लस निर्माण होवून, उत्पादित होवून ती सर्वसामान्यांसाठी उपलब्ध होणं ही मानवजातीच्या इतिहासात मैलाचा दगड ठरणारी घटना म्हणावी लागेल!

अंक 'लसीचा' -

आपण सर्वचजण लसीकरणाविषयी अनेक साधक-बाधक चर्चा सध्या ऐकत आहोत. पण त्याआधी एक गोष्ट आवर्जून नमूद करावीशी वाटते, की, 'लसीकरण' हा कोणत्याही संसर्गजन्य व इतर रोगावर नियंत्रण मिळवण्याचा सर्वात निर्दोष असा उपाय आहे. 'लस' हे असे औषध आहे जे आपलीच रोगप्रतिकारक शक्ती शस्त्र म्हणून वापरून रोगावर नियंत्रण मिळवते. आपली रोगप्रतिकार संस्था व तिचे घटक आपल्याला त्रास न देता येणाऱ्या रोगकारकांचा बिमोड प्रभावीपणे करावी यासाठी लस एका दिशादर्शकासारखे काम करते. त्यामुळे त्याचे 'साईड इफेक्ट' असे असत नाहीत. त्यात लसीची साठवणक्षमता वाढवणाऱ्या घटकांचे अॅलर्जीजन्य गुणधर्म असू शकतात. पण तेही अतिशय कमी प्रमाणात दिसून आले आहेत.

कोरोना विषाणूवरचा किंवा नेमकेपणाने सार्स कोव्ह २ वरचा प्रथिनांचा मुकूट लसनिर्मितीच्या दृष्टीने महत्त्वाचा असतो. यातली प्रथिने विषाणूच्या जीवनप्रवासाच्या सुरुवातीसाठी अतिशय महत्त्वाची असतात. यातली प्रथिने जशी रोगनिर्मितीकरिता कार्य करतात तशीच मनुष्यामधली रोगप्रतिकारक शक्ती जागवण्याकरिताही कारणीभूत ठरतात. यातली आपल्या दृष्टीने हितकारक असणारी दुसरी नमूद क्षमता अधोरेखित करून रोग निर्माण न होवू देता रोगप्रतिकार करणारे विशिष्ट प्रकारचे पेशीसैन्य लसीद्वारे सज्ज करता येते, तेही 'सायटोकाईन स्टॉर्म'सारखी आणीबाणी न येवू देता!

यामधील प्रमुख शंका म्हणजे विषाणूच्या स्वरूपबदलाचा प्रश्न सोडविणे. स्वरूपबदल हा अनुकीय पुनर्रचनेचा आणि जैविक उत्क्रांतीचा एक अविभाज्य घटक आहे. पण उत्क्रांतीचे नियम असेही सांगतात की कोणत्याही सजीवाचा अनुकीय आराखडा सगळ्याच्या सगळा बदलू शकत नाही. त्यात मोजके बदल होवू शकतात. जर हे बदल अनियंत्रित प्रमाणात झाले तर याचे गंभीर परिणाम त्या सजीव प्रजातीच्या अस्तित्वावर होवू शकतात. विषाणूच्या बाबतीत त्याची क्षमताच प्रभावित होवू शकते. जेव्हा लसनिर्मिती केली जाते, तेव्हा त्या विषाणूची प्रथिने, उत्क्रांतीदरम्यान होणारे संभाव्य बदल, त्या बदलाचा रोगप्रतिकार अभ्यास करण्यात येतो. बदल होणाऱ्या प्रथिनांचा वा विषाणूच्या एकाहून अधिक प्रजातींचा अंतर्भाव लसनिर्मितीत केला जातोच. त्यामुळे याविषयी शंका-कुशंका न बाळगणेच उत्तम!



आपण काय शिकलो ? -

हा इतकासा सार्स-कोव्ह २ आपल्याला बरंच काही शिकवून जात आहे. आपण आपली जबाबदारी शिकलो, स्वच्छतेच्या सवयी, वैज्ञानिक जगताविषयी आदर, सामाजिक बांधिलकी व येऊ घातलेल्या अस्मानी संकटाचा नेटाने प्रतिकार करण्यास शिकलो. एकाच वेळी आपण अंतरही राखत होतो आणि एकमेकास मदत करण्याच्या बांधिलकीमुळे संघटितही होत होतो. ही अतिशय अनोखी गोष्ट होती. आपला बांधव उपाशी राहू नये यासाठी प्रयत्नशील होतो, व्यवस्थेवरील ताण कमी करण्यासाठी प्रत्येकजण कळत नकळत 'वॉरियर' होत होतो.

आतासुद्धा इतका मोठा ऐतिहासिक लसीकरण कार्यक्रम राबवणं सुरु होत. लसीकरणाचा पहिला मान वैद्यकीय व्यवस्थेतील कर्मचारी, पोलिस, सैन्यदले, डॉक्टर्स व इतर अत्यावश्यक सेवेत असणाऱ्या आपल्या बांधवांचा ही भावना उराशी बाळगून आपण सामान्यजन आपला नंबर येईपर्यंत शांतपणे वाट पाहत आहोत. आपल्या संस्कृतीचा पायाच मानवधिष्ठीत मूल्यांचा आहे, हे सर्व विश्वास दाखवून देत आहोत. हीच परंपरा आपण चालू ठेवू! कितीही संकटे आली तरी मानव पाय रोवून उभा आहे अन् 'अनंत अमुची ध्येयासक्ती' या उक्तीसह उभा राहील!

अशी ही साठा उत्तराची कोरोनाची कहाणी पाचा उत्तरी सुफल संपूर्ण!!!



कोविड-१९ आणि आपण

हा व्हायरस की बॅक्टेरिया रोज नवा वाद आहे
वादातून घडणारा हा हितकारी संवाद आहे,

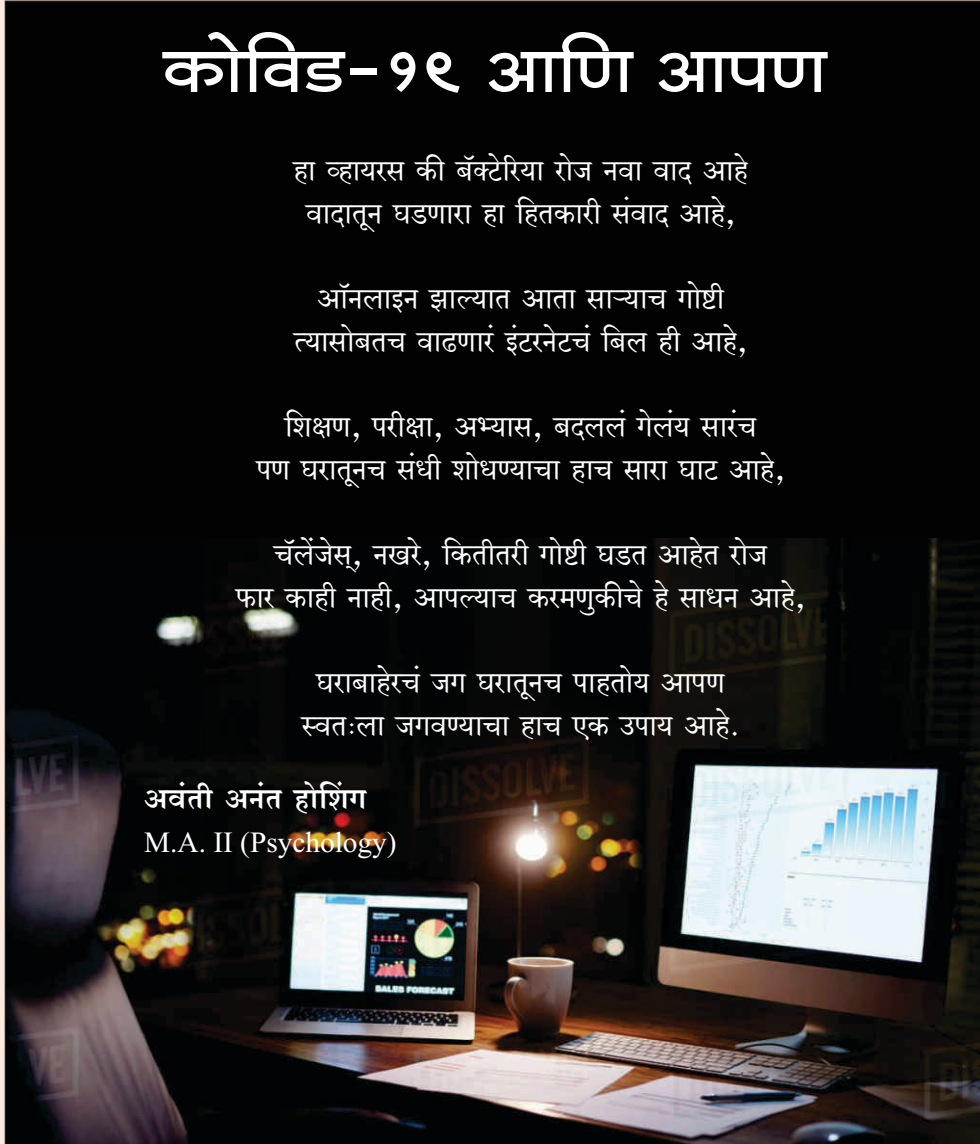
ऑनलाइन झाल्यात आता सान्याच गोष्टी
त्यासोबतच वाढणारं इंटरनेटचं बिल ही आहे,

शिक्षण, परीक्षा, अभ्यास, बदललं गेलंय सारंच
पण घरातूनच संधी शोधण्याचा हाच सारा घाट आहे,

चॅलेंजेस्, नखरे, कितीतरी गोष्टी घडत आहेत रोज
फार काही नाही, आपल्याच करमणुकीचे हे साधन आहे,

घराबाहेरचं जग घरातूनच पाहतोय आपण
स्वतःला जगवण्याचा हाच एक उपाय आहे.

अवंती अनंत होशिंग
M.A. II (Psychology)



कोरोनाशी आम्ही दिलेला लढा

स्वरांगी देशपांडे, श्रुती शाळीग्राम
T. Y. B. A.

देऊ आशेचा किरण

एक प्रहरी प्रभातसमयी उठलो आम्ही नित्यनियमाने
कळले आम्हा आता जगायचे वेगळेच जीणे,
दानव एक विक्राळ दारी येऊन उभा राहिला
कोविड गणती त्याला न आधी कुणी पाहिला,
संसर्गजन्य आजाराने त्या पसरले हात पाय
प्राण हा घेऊनी सारेच उतरले शोधाया उपाय.

दि. २१ मार्च २०२० शेजी लॉकडाऊन जाहीर झाले. मनात भीती, शंका, कुतूहल आणि गोंधळ अशा संमिश्र भावना होत्या. सुरुवातीचे काही दिवस दूरदर्शनवरील बातम्या, WHO (World Health Organization) ने जाहीर केलेली पत्रकं, जागतिक अकडेवारी बघण्यात गेले. सध्या जगात ज्यामुळे हाहाकार माजला होता, होत्याचं नव्हतं करणारं काही तरी निर्माण झाले आहे, याची जाणीव झाली होती. दिवसा-रात्री कधीही रुग्णावाहिकेचे सायरन वाजू लागले आणि कोविड आपल्या जवळ येऊन ठेपला हे कळून चुकले. शासकीय यंत्रणा, वैद्यकीय विभाग, स्वयंसेवी संस्था, व्यक्तिगत पातळीवरही सगळ्यांनी कंबर कसली. रात्रीचा दिवस करून कोरोनाविरुद्ध लढा देण्याची शर्थ केली, पण तरीही त्याचा प्रसार होत होता.

या सगळ्यात कुठेतरी आमचेही योगदान असावे, या लढ्यात आम्हीही उतरावं आणि राष्ट्राप्रती आमचे कर्तव्य पार पाडावे, असे विचार मनात येऊ लागले. पण कसं? हे सुचत नव्हते. त्याच वेळी राष्ट्रीय स्वयंसेवक संघाच्या कोविड केअर सेंटरची माहिती मिळाली. हे सेंटर सह्याद्री हॉस्पिटल, राष्ट्रीय स्वयंसेवक संघ (RSS), आबासाहेब गरवारे कॉलेज व पुणे महानगरपालिका यांच्या संयुक्त विद्यमाने सुरू झाले होते. या सेंटरमध्ये एकूण २५०-३०० रुग्णांना उपचार मिळत होते. दोन वेळेचा चहा, नाष्टा, जेवण, ओषधं माणि जीवनावश्यक वस्तू RSS तर्फे निःशुल्क पुरविल्या जात होत्या. गरवारे महाविद्यायाच्या वसतिगृहात 'कोविड पॉझिटिव्ह' रुग्णांची राहायची सोय केली होती व गरवारे महाविद्यालयाच्या वर्गामध्ये स्वयंसेवक आणि डॉक्टर्सची राहण्याची सोय होती. केंद्र एक तर्फे चालवलं जात असल्यामुळे विश्वास होता व निर्धास्तपणे नावनोंदणी करण्याचा निर्णय आम्ही घेतला, आणि RSS कडून सप्टेंबर महिन्याच्या बॅचसाठी बोलवणं आलं.

घरच्यांचा पाठींबा असल्यामुळे स्वयंसेवक म्हणून सेंटरला जाण्याचा निर्णय घेणं सोपप झालं. घरच्यांच्या व आमच्या मनात थोडी भीती, थोडी काळजी व उत्सुकता अशा अनेक भावना तरळत होत्या. किमान १५-२० दिवस राहण्याच्या तयारीने तिथे पोहोचलो. तिथल्या कामाच्या स्वरूपानुसार प्रत्येक कामाचे ८ दिवस झाल्यानंतर दिवस स्वयंसेवकांनी विलगीकरणासाठी (Quarantine) राहण्याचा नियम होता व त्याच दरम्यान स्वयंसेवकांची कोविड चाचणी केली जायची तपासण्यासाठी वा स्वयंसेवकांपैकी कोणाला कोरोनाची लागण झाली आहे का?

दि. ६ सप्टेंबर आमचा कोविड सेंटरमधला पहिला दिवस. स्वयंसेवकांची ३ गटामध्ये विभागणी, सेंटरची सविस्तर माहिती, कामाची पद्धत स्वरूप, औषधांची माहिती इत्यादी गोष्टींचे प्रशिक्षण आम्हाला पहिल्या दिवशी दिले गेले. सकाळी ७ ते दुपारी ३ या वेळेच्या गटात आमचा समावेश झाला आणि दुसऱ्या दिवशीपासून कामाला सुरुवात झाली. सर्व रुग्णांना आयुर्वेदिक काढा देणे, त्यानंतर दुध, चहा, व नाश्ट्याचे वाटप करणे, रुग्णांच्या घरनं आलेले पार्सल तपासून त्यांच्यापर्यंत पोहोचवणे, त्या दिवशी डिस्चार्ज असलेल्या रुग्णांची यादी करणे, नवीन दाखल होणाऱ्या रुग्णांची प्रवेशप्रक्रिया पूर्ण करणे, पीपीई किट घालून रुग्णांची तपासणी करणे व आवश्यक तशी औषधं देणे. जेवण वाढणे, आवश्यकतेनुसार रुग्णांना सह्याद्री हॉस्पिटलमध्ये 'एक्स-रे' ला घेऊन जाणे, बायोमेट्रिकल कचरा एकत्र करणे, रुग्णांच्या मानसिक स्वास्थ्यासाठी भजन, गाणी, समुपदेशन सत्रांचा समावेश करणे, सर्व इमारतीमध्ये प्रत्येक मजल्यावर पिण्याच्या पाण्याचे डिस्पेन्सर चढवणे इत्यादी काम आम्ही आमच्या कामाच्या वेळेत करायचो. कामाची वेळ संपल्यावर स्वतःची स्वच्छता व त्यानंतर जेवण करायचो. संध्याकाळच्या वेळात 'सॅनिटरी किट' व 'औषधांच्या किट' भरायचे काम असायचे व त्यानंतर दिवसभराचा आढावा घेण्यासाठी बैठक असायची. दिवसभरात आलेले अनुभव, पूर्ण केलेली कामं अशा गोष्टींवर चर्चा व्हायची. बैठक झाल्यावर रात्रीचे जेवण करून दिवस कसा संपायचा हे कळायचेच नाही.

रोज काही तरी नवे अनुभवायला मिळायचे. एक नवीन शिकवण द्यायचे. त्यातलेच काही निवडक अनुभव जे आम्हाला आयुष्यभराची शिकवण देऊन गेले. सगळ्यात पहिला अनुभव PPE किट घालून काम करण्याच्या इतके दिवस वैद्यकियक्षेत्रातील सेवा देणाऱ्या



लोकांना किट घालून काम करताना बघितले होते, ते सगळे कसे काम करत असतील, याची जाणीव झाली. एकदा किट घातले की आम्हाला ४-५ तास अगदी पाणी पिण्यापासून ते स्वच्छतागृहात जाण्यापर्यंत काही करता येत नसे. रुग्णांना तपासताना त्यांना धीर देणे, त्यांची विचारपूस करताना आम्ही करत असलेल्या कामाचं त्यांना कौतुक आहे, हे त्यांच्या बोलण्यातून जाणवायचे सर्व रुग्ण आमचीही काळजी घ्यायचे, विचारपूस करायचे.



आम्हाला अचानक बोलवणं आले. काही तरी गंभीर झाले. याची सूचना आल्यामुळे श्रुती पीपीई किट घालून त्या रुग्णाला बघायला गेली. ज्या आजोबांची तपासणी केली होती त्यांना जमिनीवर पडलेल्या स्थितीत बघून तिचा तिच्या डोळ्यांवर विश्वास बसला नाही. डॉक्टरांच्या सांगण्यावरून असे कळले की, त्यांना हृदयविकाराचा झटका (कार्डिअक अरेस्ट) आला आहे. त्या परिस्थिती डॉक्टरांबरोबर त्यांचे

जे आदेश येत होते, त्यानुसार रुग्णाचे हार्ट पंपिंग करणे, इंजेक्शन भरणे, पल्स लागत आहेत का हे बघणे, तातडीने रुग्णावाहिकेची सोय बघणेही काम ती करत होती. तिला ज्या एक प्रकारची वैद्यकीय पार्श्वभूमी नसल्याने अशा परिस्थितीत स्वःताचा समतोल न दासळून देता प्रसंगावधान ठेवून सगळी कार्ये पार पाडायची होती. अशा आणित्वाणीच्या परिस्थितीत स्वतः घाबरून न जाता संयमाने काम करण्याचा अनुभव तिला आला.

असेच एकदा रात्री एका रुग्णांनी सेंटरच्या भ्रमणध्वनीवर मेसेज करून त्यांच्या मनातील भीती स्वयंसेवकांकडे व्यक्त केली. 'या कोविडच्या लढाईत आपण जिंकू शकणार नाही. अशा विचारांनी त्यांचा आत्मविश्वास ढासळला होता. लक्षात आल्यावर तत्काळ त्यांच्याकडे जाऊन त्यांच्याशी बोलून त्यांच्या मनातील भीती दूर करण्याचा प्रयत्न केला गेला व गेलेला आत्मविश्वास परत मिळविण्यासाठी प्रयत्न केला आणि यामुळे हळूहळू त्यांना आपल्याकडे सकारात्मक दृष्टिकोनातून बघण्याची उमेद मिळून गेली. या अनुभवातून आम्हालाही शिकायला मिळाले की, कोविड फक्त लोकांच्या शारीरिक आरोग्यावर नाही, तर मानसिक आरोग्यावरसुद्धा परिणाम करत आहे. त्यामुळेच आपलं मानसिक आरोग्य सुदृढ ठेवणं गरजेचं आहे. त्याचबरोबर कोविडच्या काळात कौटुंबिक वातावरणसुद्धा बिघडत आहे, याचा अनुभव आम्हाला आला. एका कुटुंबाने त्यांच्या घरातील ८० वर्षांच्या आर्जींना आमच्या सेंटरच्या दारात आणून सोडले व निघून गेले. विचारपूस केल्यावर स्वयंसेवकांच्याही लक्षात आले की, त्या पूर्णपणे परावलंबी असून, त्यांच्या कुटुंबाने त्यांची जबाबदारी घेण्यास नकार दिला होता.

आजी कोविड पॉझिटिव्ह असल्या कारणाने शेजारच्यांनी त्यांना सेंटर आणले होते. या उलट स्वताःहून कुटुंबापासून दूर झालेल्या एक रुग्ण स्वरांगीला भेटल्या. त्या घाबरलेल्या स्थितीत आहेत, हे कळल्यावर तिने त्यांची विचारपूस केली व त्यांना धीर दिला आणि आम्ही सगळे त्यांच्या बरोबर आहोत याचा दिलासा दिला. या विश्वासामुळे त्या सकारात्मक विचार करायला लागल्या. त्या प्रसंगावरून स्वरांगीला लक्षात आले की, ज्या लोकांना मी कालपर्यंत ओळखत नव्हते, त्यांना केवळ निःस्वार्थपणे शब्दांचा आधार दिल्यामुळे नवीन उमेद मिळाली.

काही अनुभव असेही आले- जे आम्हा स्वयंसेवकांना सुद्धा धक्कादायक होते. असेच एक दिवस रुग्णांची तपासणी करत असताना

हा सगळा कोविड सेंटरचा प्रवास आम्हा दोघींना आयुष्यभराची शिदोरी देऊन गेला. खूप अनुभवांबरोबर बरीच शिकवणही लाभली. अशा आपत्कालीन परिस्थितीत आपल्याला राष्ट्राप्रती जबाबदारीची जाणीव असली पाहिजे, भयग्रस्त परिस्थितीत मदतीची गरज असताना एक पाऊल पुढे जाऊन खंबीरपणे उभे राहण्याची शिकवण आम्हाला मिळाली. सेंटरची शिस्त. समोर येईल त्या परिस्थितीशी जूळवून घेणे. समोर येईल ते तक्रार न करता खाणे स्वःताची सर्व कामे स्वतः करणे या गोष्टींच्या सवयी आम्हाला लागल्या.

असेही जाणवले, आपण आपल्या गरजा खूप वाढवून ठेवल्या आहेत. (असतात) तसे न करता साधेपणाने आपण आपले आयुष्य जगू शकतो, आपल्या आजूबाजूच्या माणसांची विचारपूस करत राहणं, त्यांची काळजी घेणं गरजेचं आहे. अशी खूप तरुण मुलं आहेत, ज्यांची इच्छाशक्ती असते पण काय करावे कधी-कधी सुचत नाही. आम्हाला त्या परिस्थितीत असे काही काम करायला मिळाले, मदत करण्याची संधी मिळाली व राष्ट्राप्रती आमचा खारीचा वाटा उचलता आला याचे खूप समाधान वाटते.

आजान्यांच्या तनामनातील दूर केला अंधार खाले होते त्यांना दिधला खंबीरपणे आधार, कधी जाहली माय कुणाची, तर कधी कुणाचा बाप, पाठीवरती पडली आमच्या शाबासकीची थाप, अनुभव केले सारे आम्ही गाठीशी गोळा धास्तावलो आम्हीही कधी अन् कित्ती वेळा!

प्रत्यक्ष कोविड केअर सेंटरवरची विद्यार्थ्यांची छायाचित्रे

स्वरांगी देशपांडे, श्रुती शाळीग्राम



कोरोना को अगर चाहते हैं हराना, तो वैक्सीन जरूर लगवाना।

कोरोना आणि ऑनलाइन शिक्षण

प्रज्ञा मन्यार
F. Y. B.com

‘कोरोना’ हा शब्द जरी ऐकला तरी भीती वाटते, नकोस वाटतं. नको वाटतं ते घरात बसून राहणं, नको वाटतं आपल्याच माणसांपासून लांब राहणं, नको वाटतं ते सहा महिन्यांच लॉकडाऊन यातल काहीच नको वाटतं.

पण या विषाणूने आज या जगात एवढा हाहाकार माजवला आहे. काही विचारू नका. नको नकोस करून ठेवल आहे. जगातील करोडोनी माणसं हे जग सोडून गेली. त्यांनी कल्पनापण केली नसेल का आज आपलं मरण आहे. आज नसल तरी उद्या नक्कीच आहे. अशा भितीने काही लोकांनी जेवण सोडून दिल, त्या धक्क्याने तर अजून माणस दगावली.

खरचं इतक भयानक वातावरण कधीच बघितलं नव्हतं, कल्पना पण करू शकत नाही. एवढी बिकट परिस्थिती निर्माण करून ठेवली. ह्या कोरोनाने कुणाच्या नोकऱ्या, कुणाची माणसं, हिरावून घेतली. त्यात सहा महिने घरात बसून म्हटल्यावर खाण्याचे वांधे, दोन वेळेचे जेवण मिळताना मुश्कील. काम धंदे बंद असल्याने पैसा नाही. सगळंच महागलं. महाग झाल्यावर घेण परवडत नव्हतं त्यामुळे उपासमार.

तरी सुद्धा त्याकाळात मदत करण्यासाठी खूप जण पुढे आले. गरिबांना जमेल तशी, जमेल ती मदत केली. धान्य दिले, घरात जे काही नसेल ते दिल. थोड का होईना पण मोठ्या मनाने दिल. त्यांना खरचं मानाचा मुजरा!

या कोरोनाच्या काळात जगाची आर्थिक परिस्थिती ढासळली. मुलांच शिक्षण थोडक्यात बंद. पण त्या परिस्थितीत सुद्धा शिक्षकांनी हार मानली नाही. ऑनलाईन पद्धतीने शिक्षण घेणं सुरू केलं. जसं जमेल तसं जेवढ ऑनलाईन पद्धतीने शिकवता येईल तेवढ शिकवलं. पण दुःखद गोष्ट म्हणजे ज्यांच्याकडे स्क्रीन टच मोबाईल नसल्यामुळे काही मुलांनी आत्महत्या देखील केली. या कोरोनामुळे परिस्थिती ढासळली. खाण्याचे वांदे त्यात मुलांना मोबाईल दिला, का तर मुलांना शिक्षण मिळू देत. शिक्षण थांबायला नको. आता सगळंच ऑनलाईन झालं.



मुलांच्या परीक्षा, मुलांचे तास या सगळ्याचा बटयाबोळ झाला. ज्यांना समजतय त्यांच ठिक? पण ज्यांना काही ऑनलाईन मधलं कळत नाही त्यांच काय? या कोरोनामुळे खूप हालखिचे दिवस काढायला लागले. यापूर्वी आजार आले पण इतकी आर्थिक परिस्थिती केव्हाच ढासळली नव्हती.

ऑनलाईन शिक्षणामुळे विद्यार्थी मोबाईलकडे इतके आकर्षित झाले, की काही विचारू नका. मोबाईल हेच जीवन झाले आहे. पूर्ण आयुष्याची घडी या कोरोनामुळ विस्कळीत झाली. आता ही घडी केव्हा नीट बसेल काय माहीत. ?

मुलांच शिक्षण हे सध्या तरी ऑनलाईन पद्धतीने घेतले जात आहे. मुलांच भवितव्य ऑनलाईन शिक्षणावर अवलंबून आहे. या कोरोनामुळे सगळ्याच शाखांच्या परीक्षा राहिल्या होत्या. त्यासुद्धा ऑनलाईन पद्धतीने घेतल्या गेल्या. ग्रामीण भागात म्हणजे एकदम खेड्या-पाड्यांच्या वस्त्यांमध्ये अत्यंत गरिब माणसांकडे ज्यांचे दोन वेळा जेवणाचे हाल होत होते त्यांची मुलं कशी ऑनलाईन शिकणार. ?

कोरोना विषाणूची साथ हे दुसऱ्या महायुद्धानंतरचे जगासमोरचे मोठे संकट आहे. मानवी जीवनाच्या सर्वच बाजूंवर या संकटाने प्रभाव टाकला आहे. या रोगाला अजून प्रतिजैविके न सापडल्यामुळे रोग होवू नये. म्हणून प्रतिबंधक उपाय योजणे एवढाच सर्वासमोर पर्याय आहे. कोरोनाला रोखण्यासाठी अनेक देशांनी शिक्षण संस्था सुद्धा बंद केल्या आहेत. ‘युनेस्को’च्या अहवालानुसार एप्रिल २०२० मध्ये १८८ देशांत १५४ कोटी विद्यार्थी घरी बसले आहेत. भारतात १५ लाख शाळा बंद आहेत. २६ कोटी विद्यार्थी आणि ८९ शिक्षक घरी बसले आहेत. तर उच्च शिक्षणात ५० हजार शिक्षण संस्था बंद आहेत. व ३०७० कोटी विद्यार्थी आणि १५ लाख महाविद्यालयीन शिक्षक घरी बसले आहेत.

भारतात उच्च शिक्षणात व मेडिसीन, इंजिनीअरिंग, कॉमर्स व मॅनेजमेंट यांसारख्या व्यावसायिक अभ्यासक्रमात माहिती तंत्रज्ञानाचा वापर मोठ्या प्रमाणावर केला जातो. विद्यार्थी

आर्थिकदृष्ट्या वरच्या स्तरावरील असल्यामुळे लॅपटॉप, इंटरनेट इ. खर्च त्यांना परवडतो.

समस्या आहे ती बहुसंख्य कष्टकरी, गरीब वर्गातील मुलांची, भटके-विमुक्त, आदीवासी, ग्रामीण भागांतील सरकारी किंवा अनुदानित शाळेत जाणाऱ्या मुला-मुलींची! 'ट्राय'च्या अहवालानुसार भारतात २०२० मध्ये इंटरनेट वापरणाऱ्यांची संख्या ६८.४५ कोटी आहे. तर, इंटरनेटसह स्मार्टफोन वापरणाऱ्यांची संख्या ६७ कोटी आहे. हा माहिती तंत्रज्ञानाचा विस्तार झालेला

दिसत असला, तरी त्यात प्रचंड विषमता आहे. भारतात ५२% जनता इंटरनेटचा वापर करते. म्हणजे निम्मा भारत इंटरनेटच्या लाभापासून वंचित आहे. ग्रामिण भागात ३६% जनता व शहरात ६४% जनता इंटरनेटचा वापर करते. तर ६७% पुरुष व ३८% स्त्रिया भारतात इंटरनेटचा वापर करतात.

त्यामुळे ऑनलाईन शिक्षण ही चैन शहरातील सधनवर्गाला परवडते! पण तळागाळातील विद्यार्थ्यांचे काय, हा प्रश्न अनुत्तरीतच आहे.



FAMILY BONDING IN THE CORONA PERIOD



Sumeet Pal Singh Sodhi
Jammu Kashmir
Other State

In a cruel manner the pandemic came with no expectations but we are only responsible for creating such environment. With passing time people lost their loved ones. They are tensed. Now they are isolated with their families. There is no option of living apart or alone from family because they need someone not physically but mentally because they are now being a part of those four walls where they have family matters. I know the pandemic is not so easy but I thank to Almighty for every breath.

Unfortunately corona is spreading with lockdown and now it's been ONE YEAR AND TWO MONTHS we are still at home .It is quite hard but good and safe to stay home with family.

I can see due to this pandemic they feel for each other, they fight, they share and make each other mentally strong and happy. My brother, cousins and I made so many plans of Maggie parties, evening

tea parties cooking different recipes together. This is all a way to spend time and make strong bonds.

"When we eat spicy food we need sweet dish,

When there is love there is fight" so family has different aspects in the society. In a pandemic, happiness, strength, anxiety, family matters.

Corona changed my friend's life and family bond.

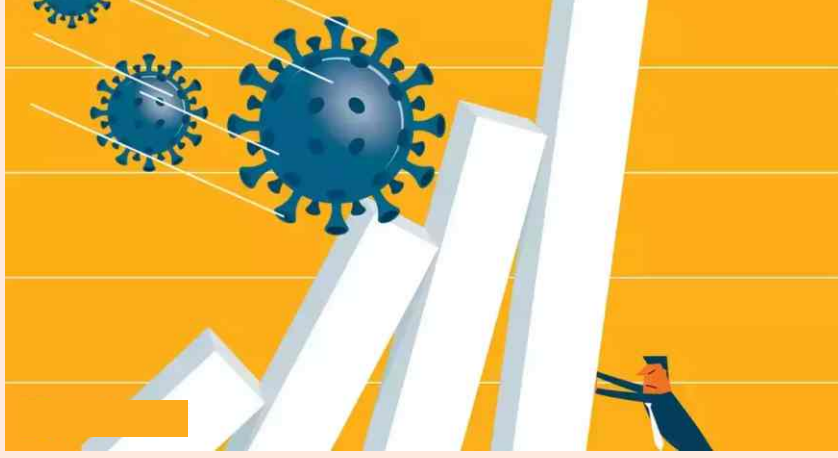
So one day I called him. He was quite unhappy and most of the time mentally distracted due to family issues. But now this time something different happened. His voice, his pitch showed his inner peace and happiness.

So at that time I realized we should feel each other, that we can understand their emotions.

Pandemic is hard of course but give us chance to understand the value of family, oneness, cooperation and compassion.

कोरोनाचे आर्थिक, सामाजिक व मानसशास्त्रीय परिणाम

सौरभ महादेव कदम
M.Sc II (Microbiology)



कोरोनाच्या रूपाने मानव जातीवर आलेलं हे संकट रोजच्या सामान्य पण धकाधकीच्या जीवन पद्धतीवर आघात करून माणसाला स्वतःत बदल करण्यास भाग पाडणारा हा विषाणू ही निसर्गाची एक शिक्षाच म्हणावी लागेल. राजरोसपणे नसैर्गिक संसाधनांची लयलूट करणारी ही माणसे निदान कोरोनाच्या भीतीने तरी काही काळ शांत राहिली. पृथ्वीवर येणारी असंख्य संकटे आहेत अगदी प्रत्येक क्षणाला पृथ्वीच्या कुठल्या न कुठल्या कोपऱ्यात एक संकट चाल करतच असते, मात्र ही कोरोनाची महामारी काही औरच ही साऱ्या जगालाच गिळंकृत करायला निघाली आहे. मार्च २०२० मध्ये भारतात चाल करून आलेलं हे संकट अजूनही ठाण मांडून आहे. या संकटाचा आपल्या देशातील वैज्ञानिक, डॉक्टर्स, वैद्यकीय सेवा देणारे सर्वच, पोलीस, स्वच्छता कर्मचारी इत्यादी लोक अजूनही जिकिरीने मुकाबला करत आहेत.

मार्च २०२० मध्ये भारतात प्रवेश केल्यानंतर अतिशय वेगाने पसरत ही महामारी साऱ्या देशभर पसरली ज्यामुळे फक्त भारतातच नव्हे, तर साऱ्या जगभरात एक वेगळंच भीतीच वातावरण तयार झालं ज्याचा परिणाम नकळत लोकांच्या मानसिकतेवर झाल्याचे पाहायला मिळाले. साधारण १५ मार्चपर्यंत सर्व काही सुरळीत चालू होतं मात्र तिथून पुढे सर्व काही अनपेक्षित घडत होतं त्याचाच एक भाग म्हणजे टाळेबंदी! या निर्णयामुळे सगळेच भयभीत झाले होते कारण ते म्हणतात ना की 'न भूतो न भविष्यति' ना असे कधी आधी झाले, ना कोणी पाहिले. टाळेबंदीमुळे अगदी सारेच व्यवसाय ठप्प

झाले होते. सगळीकडे नवनवीन अफवांना पेव फुटले होते. सारे आर्थिक व्यवहार अचानक बंद पडल्यामुळे त्याचा परिणाम अर्थव्यवस्थेवर व बाजारावर झाल्याचे बघायला मिळते. सांख्यिकी आणि कार्यक्रम कार्यान्वयन मंडळाच्या अभ्यासानुसार आर्थिक वर्ष २०२० ला भारतीय अर्थव्यवस्थेचा वृद्धीचा दर हा ३.१ अंशावर येऊन ठेपला होता. तर एप्रिल ते जून या तिमाहीचे आकडे हे उणे २३.९% इतके होते. भारत ही आशियातील तिसरी मोठी अर्थव्यवस्था आहे, एवढ्या विचित्र पद्धतीने अर्थव्यवस्था ढासळलेली आहे त्यात कर्जाचा बोजा वाढत असल्याने महागाईला हे आमंत्रणच. नव्याने अर्थव्यवस्थेला चालना देणे ही काळाची गरज आहे त्यासाठी व्यवहार हा चालूच राहिला पाहिजे मात्र आधीच वाढती बेरोजगारी व त्यात कोरोनाची भर अशी दुहेरी अडचण अर्थव्यवस्था रुळावर आणताना बाधक ठरणार आहे.

देशातील ५३% पर्यंत व्यवसायांवर टाळेबंदीचा लक्षणीय परिणाम होण्याचा अंदाज वर्तवण्यात आला होता त्याप्रमाणे बहुतांशी व्यवसाय ठप्प पडलेच होते. सर्वच ठिकाणी पुरवठा साखळ्या ह्या लॉकडाऊन निर्बंधासह ताणतणावाखाली ठेवण्यात आल्या होत्या. प्रारंभी, प्रवाहात सुलभतेचा अभाव होता. अत्यावश्यक म्हणजे काय आणि काय नाही याबद्दल लोकांमध्ये संभ्रम होता. सर्वात जास्त धोका हा अनौपचारिक क्षेत्रातील आणि दैनंदिन रोजगार मिळवणाऱ्या जनतेला झाला तसेच कृषीउत्पन्न बाजार समित्याही बंद असल्याने देशभरातील मोठ्या संख्येने नाशवंत पीक घेणाऱ्या



शेतकऱ्यांनादेखील याचा जोरदार फटका बसला. लार्सन आणि टूब्रो, टाटा मोटर्स, अल्ट्राटेक सिमेंट इत्यादी कंपन्यांनी आपला रोजचा कार्यभार कमी केला, ज्यामुळे बऱ्याच लोकांना नोकऱ्या सोडाव्या लागल्या अशाप्रकारे रोजगारावर देखील या महामारीचा खूप वाईट परिणाम झाला. अचानक ओढवलेल्या टाळेबंदीमुळे जरी नुकसान झाले असले तरी यामुळे पैसा विरहित व्यवहाराला चालना मिळाली असून जून २०२० पर्यंत रिटेल व्यवसायात तब्बल ७०% इतकी डिजिटल व्यवहारातील वृद्धी दिसून आली आहे. तसेच शेतकरी, व्यापारी, ग्राहक या त्रिसूत्रीमधील व्यापारी काहीअंशी गायब झाल्यामुळे शेतकरी ते थेट ग्राहक या योजनेला भरपूर चांगला प्रतिसाद मिळाला त्यामुळे कष्ट करणाऱ्यास योग्य तो मोबदला मिळाला. मोठ्या मोठ्या व्यापाऱ्यांना विविध निर्बंध असल्याने घरोघरी जाऊन विक्री करणाऱ्या छोट्या विक्रीकरांची मात्र चांदी झाली. नवनवीन पुरवठा साखळ्या बनल्यामुळे बऱ्याच मोठ्या मत्केदार लोकांची मत्केदारी संपुष्टात आली व नवीन व्यवसाय करू पाहणाऱ्यांना नामी संधी मिळाली.

बाजारातील कंपन्यांचे आर्थिक व्यवहार बंद पडल्यामुळे त्याचा थेट परिणाम शेअर बाजारावरदेखील झाला २३ मार्चला अतिशय वाईट पद्धतीने शेअर बाजाराचे निर्देशांक खाली आपटले. मुंबई शेअर बाजार निर्देशांक सेन्सेक्स जो नुकताच ४१००० चा टप्पा पार करून आला होता तो तब्बल २५००० येऊन थांबला होता. आंतरराष्ट्रीय बाजारातही भीतीचे सावट असल्याकारणाने त्याचे परिणाम भारतीय बाजारावर होणार नाही असे शक्यच नाही. पडत्या बाजारामुळे खरेदीपेक्षा विक्रीवर जोर आला होता त्यामुळे मोठ्या मोठ्या कंपन्यांचे शेअर्स धडाधड खाली आपटत होते. पडत्या बाजारामुळे बड्या बड्या कंपन्यांचे शेअर्स अगदीच कवडीमोल भावाने विक्री होत असल्याने नवीन गुंतवणूकदारांना ही नामी संधी होती ज्यामुळे आपटलेला बाजार २५ मार्चला पुन्हा तेजीत होता व त्याच दिवशी राष्ट्रीय शेअर बाजाराचा निर्देशांक निफ्टी ५० ने ११ वर्षांतील सर्वाधिक वाढ दर्शवली. या पडलेल्या बाजाराने नवीन गुंतवणूकदारांना मजबूत नफा करून दिला. झीरोधा नावाच्या ब्रोकर कंपनीच्या एका अहवालातून असे स्पष्ट करण्यात आले आहे की टाळेबंदीच्या काळात सर्वाधिक तब्बल ६०% नवीन DMAT खाती उघडण्यात आली आहेत, यावरून हेच स्पष्ट होते की ज्यांचे व्यवसाय ठप्प होते किंवा नोकरी गमावलेल्या लोकांनी नक्कीच आपलं नशीब शेअर बाजारात आजमावले असे म्हणणे वावगे ठरणार नाही त्यामुळेच बहुधा शेअर बाजार पुढच्या सहा महिन्यांतच

पूर्वीच्या सर्वाधिक वाढीच्या पेक्षा वर जाऊन पोचला. अर्थव्यवस्था आणि शेअर बाजार हे एकमेकांवर अवलंबून असतात असा समज आहे मात्र अर्थव्यवस्था डबघाईला आलेली असताना शेअर बाजार मात्र तेजीतच राहिला.

सुरुवातीच्या काळात कोरोनाच्या वाढत्या रुग्ण संख्येमुळे आरोग्य व्यवस्थेवर भरपूर ताण पडत होता परिणामी रुग्णांचे डॉक्टर्स व वैद्यकीय कर्मचाऱ्यांशी तंटे झाल्याच्याही बऱ्याच घटना घडल्या. रुग्णसेवा करत बरेच कर्मचारी स्वतः बाधित झाले होते. कोरोनाची लागण झालेल्यांची संख्या एका बाजूला वाढत असताना, दुसऱ्या बाजूला त्यांचेच शेजारी नातेवाईक असंवेदनशील होताना अजूनही दिसतात. कोरोनाची लागण झालेल्यांकडे कुत्सित नजरेने पाहिले जात आहेच; पण अनके ठिकाणी वाळीत टाकण्याच्या देखील घटना घडल्या आहेत. मनुष्य हा सामाजिक प्राणी आहे, त्याचा विकास हा समाजात राहूनच होतो त्याला मनुष्यत्व समाजात राहूनच प्राप्त होते. मात्र आता सामाजिक अंतर पाळायचे म्हणल्यास मनुष्याच्या विकासाला कुठेतरी पाचर लागणे हे निश्चितच! सामाजिक कार्यक्रमांवर बंधने असल्याने पारंपरिक सणवार, गावजत्रा, देवीदेवतांचे एकत्रित कार्यक्रम या सर्वांना परवानगी नसल्याने जनतेच्या मनात रोष हा नक्कीच आहे त्यामुळेच लोकांची मानसिकता ही शासनविरोधी बनताना दिसत आहे म्हणूनच गुन्हेगारी प्रवृत्ती दिवसेंदिवस बळावत आहेत. भीतीने म्हणा किंवा विवंचनेत असल्यानेच ह्या अशा घटना घडल्या असणार मात्र त्याचाही पुढे जाऊन यातील सकारात्मक दृष्टिकोन जर लक्षात घेतला तर एक गोष्ट प्रकर्षाने जाणवेल की टाळेबंदीमुळे बऱ्याच लोकांची उपासमार होते आहे हे पाहून प्रत्येकाच्या दोन वेळच्या जेवणाची सोय राज्यशासन, केंद्र शासनाने तर केलीच होती तसेच विविध सेवाभावी संस्था मदतीस पुढे आल्या होत्या. स्थलांतरीतांच्या जेवणाची व निवासाची सोय संस्थांनी स्वेच्छेने केल्याचे आपण पहिले आहे. 'घरीच राहा पण सुरक्षित राहा' हाच त्यामागील हेतू स्पष्ट होता. बऱ्याच लोकांमधील माणूसपण पुन्हा जागे करण्याचे काम कोरोनाने केले असे म्हणायला हरकत नाही. जरी कोरोनाच्या भीतीने लोक एकीकडे एकमेकांना दूर सारत होते, मात्र दुसऱ्या बाजूला बरीच कुटुंब पुन्हा एकत्रित आली आहेत. कुटुंबातील आपलेपणाला आपुलकीचे जल पुरवण्याचे काम ह्या टाळेबंदीमुळे शक्य झाले.

सामान्य जनतेमध्ये कोरोनाबद्दल कैक गैरसमज सामाजिक माध्यमातून पसरले होते त्यामुळे सुरुवातीचा काळ जरा



गोंधळलेल्या मनस्थितीतच गेला. त्यात पुढे बरेच दिवस घरात बसून राहिल्याने पगार बंद असल्याने वृत्तवाहिन्यांद्वारे सतत त्याच रुग्णसंख्येच्या वाढीबाबतच्या बातम्या ऐकून लोकांची मानसिकता बरीच नैराश्याकडे झुकली होती. आरोग्य कर्मचारी, स्वच्छता कर्मचारी, पोलीस दल यांना सततच्या कामामुळे व आराम न मिळाल्याने बऱ्याच कर्मचाऱ्यांचे मानसिक स्वास्थ्य हे बिघडले. मात्र याच टाळेबंदीचा सदुपयोगसुद्धा अनके लोकांनी केल्याचे बरेच किस्से आहेत. कोणी नवीन कलेत पारंगत झाले मग त्यात पाककला असेल संगीत, चित्रकला, घरकाम इत्यादी; कोणी घरगुती लघुउद्योग सुरू केला तर कोण घरबसल्या आपली दैनंदिन कामे करत होता. सगळेच घरी असल्याने इंटरनेट वापर हा भरमसाठ प्रमाणात वाढला होता त्यात ऑनलाईन शिक्षणाचा मुद्दा हा सर्वश्रुत आहेच. ऑनलाईन शिक्षणाच्या माध्यमातून बहुतांशी विद्यार्थी घरबसल्या शिक्षण घेऊ शकले अजूनही घेत आहेत. एज्युकेशन

टास्क नावाच्या एका संस्थेद्वारे करण्यात आलेल्या सर्वेक्षणातून एक गोष्ट स्पष्ट झाली की बहुतेक विद्यापीठातील विद्यार्थी अजूनही त्यांच्या स्वतःच्या घरांत आरामातच अभ्यास करण्यास प्राधान्य देतात कारण सर्वकाही अगदी हाताशी उपलब्ध असल्याने त्यांच्या खुर्या त्यांना सोडायची गरज पडत नाही. अर्थातच हे फक्त त्याच विद्यार्थ्यांना लागू पडते ज्यांची परिस्थिती चांगली आहे. त्यामुळे समाजिक अंतर जरी वाढीस लागले असले तरी तांत्रिकदृष्ट्या भारतातील अडचणी सोडविण्याचे प्रमाण वाढले आहे. संगणकाच्या बाबतीत साक्षर नसलेली लोकही धडपडीने का होईना पण शिकण्याचा प्रयत्न करत आहेत. कोरोनाच्या या संकटाने मनुष्यहानी केली, कधीही न भरून निघणारे असे नुकसान केले मात्र माणसातील माणूसपण सुद्धा जागं होताना मी पाहिलंय, निसर्गाशी कायम आडमुठेपणाने वागणारा निसर्गाची हानी करणारा मानवप्राणी निदान आता तरी नीट वागेल अशी आशा करायला हरकत नाही



मला नाही इतक्यात जायचं!

प्रगती नारायण खोचरे

S. Y. B.com

दिवस संपला नाही हो, पण अंधार पडतोय
एक अनामिक फास माझा गळा पकडतोय
शेवट आलेला नाही, पण जिना चढतोय
नाही हो, मला नाही इतक्यात जायचंय।

बऱ्याचश्या रहस्यांची अजून उकल व्हायचीय
बऱ्याचशा जखमांची मलमपट्टी करायचीय
आनंदाच्या मार्गाची दिशा अजून ठरायचीय
नाही हो, मला नाही इतक्यात जायचंय।

ओळखीचे चेहरे आज मास्कमागे दडलेयत
अहो आज सगळ्यांना तेच प्रश्न पडलेयत
दिवस संपण्याआधी माझे प्राण घशात अडलेयत
नाही हो, मला नाही इतक्यात जायचंय।

खूप काम आहे हो अजून, खूप काही करायचंय
तुम्हाला, ह्यांना, सान्यांना खूप काही द्यायचंय
सत्याची वाट शोधत अजून खूप चालायचंय
नाही हो, मला नाही इतक्यात जायचंय।

आलेल्या संकटाची भीषणता मला कळलीय
ही शर्यत जिंकण्याआधी आशा केव्हाच ढळलीय
परत फिरून जाण्याची वेळही आता टळलीय
नाही हो, मला नाही इतक्यात जायचंय।

बरं, येतंच आहे मरण तर येऊदे बापडं!
सर्वस्पर्शी मरणाशी कशाला ह्या वाकडं?
फार हाल करू नकोस, एवढंच त्याला साकडं!
नाही हो, मला नाही इतक्यात जायचंय।

खूप कष्ट केलेत मी, खूप काही जमवलंय
काळजीपूर्वक जगून हे शरीरही बरे कमवलंय
पण या इवलाल्या जंतूने आपल्याला नमवलंय
नाही हो, मला नाही इतक्यात जायचंय।



कोरोना आणि समाज



स्वराज सुधाकर माने
S.Y. B.A.

“मृत्यू सत्य आहे आणि आत्मा हा अमर आहे.” हे श्रीकृष्णाने उच्चारलेले गीतेमधील वाक्य आणि त्याचा प्रत्यय सध्या आपण अनुभवत आहोत ते कोरोनाच्या माध्यमातून. कोरोना, एक महामारी. शास्त्रज्ञांनाच्या मते, हजारो वर्षांपासून दर शंभर वर्षांनंतर एक महामारी येते आणि संपूर्ण समाज विध्वंसक पद्धतीने विस्कळीत होऊन जातो आणि तोच समाज परत उभा राहतो नव्या रंगाने, नव्या ढंगाने आणि महत्त्वाचं नव्या समाज चालीरीतीने.

१८ मार्च, २०२०, नुकतच कोरोनाच आगमन झालं होत. सध्या तरी भारतात पडसाद उमटत नव्हते. पण काही झालं तरी ती महामारी. आमचे दोन पेपर झाले आणि उपप्राचार्यांची सूचना आली ‘पुढील पेपर रद्द...’ वा! मस्तच! आपल्या आयुष्यात असं कधी नव्हतं झालं, एखादी महामारी येते संपूर्ण व्यवस्था बंद करून टाकते आणि आपल्या वैयक्तिक आयुष्याला काही धक्का लागलेला नव्हता त्या महामारीमुळे. पण सध्या सुरुवात आहे पुढे काय वाढून ठेवलंय त्या महामारीने ते मला माहित नव्हतं व या आपल्या संपूर्ण विकसनशील भारताला सुद्धा.

लगेच गावाला गेलो खूप दिवसानंतर आई-वडिलांना भेटलो. नंतर बरोबर २४ मार्चला एक दिवसाचा ‘जनता कर्फ्यू’ आपल्या सरकारने ठेवला. त्या दुपारी मी हळूच घराजवळील मोठ्या रस्त्यावर गेलो. संपूर्ण शांतता, सगळं बंद, एक गाडीसुद्धा रस्त्यावर नव्हती. टाचणी पडली तरी त्याचा सुद्धा आवाज येईल अस मला वाटलं. ती शांतता मला सांगत होती की मोठ्या वादळापूर्वीची शांतता होती. जी शांतता ती एक संपूर्ण विलयापूर्वीची शांतता होती.

हळूहळू दिवस जात गेले, कोरोना आणखीन रूद्र रूप धारण करू लागला. गुढीपाडवा येऊन गेला. स्वामी समर्थ प्रकट दिन आला. त्या दिवशी मी आमच्या गावाजवळील स्वामी समर्थ मंदिरात गेलो. मनःपूर्वक देवाला म्हणालो देवा बास! ही मनुष्यहानी टळू दे. पण निसर्गापुढे कुणाच काय चाललय.!

महाविद्यालय चालू होईल याचा मार्ग दिसत नव्हता. पण मग ऑनलाईन लेक्चर्स चालू झाले. मस्त मजा वाटत होती. लहान असताना अस वाटलं नव्हता की, शाळाच घरी येईल ते. जस पक्षी पहाटे लवकर उठतो. दिवसभर आपलं खाद्य शोधण्याच्या मार्गावर असतो, आपल्या पिळगतां जगवतो, स्वतः आनंदाने दिवसभर बागडतो आणि रात्री झोपतो, दुसऱ्या दिवशी परंतु त्याची तिच दिनचर्चा चालू राहते. माझं तसचं झालं. एखादी गोष्ट स्वीकारायची नसली तरी. आपलं मन आणि आपला समाज स्वीकारायला लावतोच. मला पण कधी नव्हे ते त्या दिनचर्चेची सवय लागायला लागली. मी बघत होतो आसपासची लोकं, नातेवाईक किती दिवस घरी बसणार, बसावं तर लागणारचं पण प्रत्येकाला आपल्या पोटाची खळगी भरावी लागतेच ना!

मी स्वतः जवळजवळ ७ ते ८ वर्षांनंतर गावी इतके महिने राहत होतो. आई-वडिल दोघं शिक्षक त्यांची दिवसभरची धावपळ खूप वर्षांनी पाहिली. मला सारखं वाटायला लागलं आपलं अजून शिक्षण अर्धवट, नोकरी नाही आपल्याला अजून समाजाच्या त्या ज्ञानी, उच्चशिक्षित, नोकरी करणाऱ्या लोकांच्यात पाय रोवून कधी उभे राहणारे पण त्याच क्षणी नाण्याच्या दोन बाजू असतात तस



कोरोनामुळे ज्यांची नोकरी गेली आहे, जी मंदिरं बंद आहेत त्याच्यासमोर बसणाऱ्या भिकाऱ्यांचं काय? कित्येक महिने बंद असलेल्या त्या रस्त्यावर अन्नासाठी भिक मागायला येतात त्यांचं काय? कायम आपल्यापेक्षा परिस्थितीने खालच्या दर्जाच्या लोकांकडे पाहवं, मग आपला आयुष्याकडे पाहण्याच्या दृष्टिकोन बदलेलं अस मला वाटायला लागलं.

गणपती आले. सर्व मानाच्या गणपतीनासुद्धा मानपान न घेता यावं लागलं. मी घरी एकदम साधा गणपती बसवला, सजावट एकदम साधी. विसर्जनाची वेळ आली. त्याच्या आधी एक व्हिडीओ माझ्या मोबाईलवर आला. सुंदर चित्रण केलेल्या त्या व्हिडीओत दाखवलं होतं की जर आपण बाप्पाला विसर्जनासाठी बाहेर गेलो तर गणपतीबाप्पाला कोरोना होईल ना! मग मी आई-वडिलांना सांगितलं आपण गणपती घरीचं विसर्जन करू या. सहजासहजी त्यांचा विरोध. कधी नव्हे मग मी म्हणालो 'करा तुम्ही गणपती विसर्जन नदीवर, हजारो वर्षांची वारी ती रद्द केली, त्यात आपण घरगुती गणेशविसर्जन केलं तर काय झालं. तुम्ही गणपती विसर्जनासाठी बाहेर पडा पण मी येणार नाही तुमच्याबरोबर. शेवटी त्यांनी स्वीकार केला आम्ही गणपती घरीच विसर्जन केला, मी म्हणालो कोरोनानेही रीत ह्या वर्षी पाडायला लावली ती दरवर्षी आपण करायची. वाईटातून चांगल होत ते हेच, आपल्या समाजात लग्नसमारंभ, घरगुती सण थाटामाटात साजरे करतात. त्याला लगाम लागला. लग्न व इतर समारंभ एकदम साध्या पद्धतीने. पत्रिका नाही, जेवणावळी नाही, सनई चौघड्यांचा मोठा आवाज नाही. दिवाळीत फटाक्यांना आपोआप मज्जा घातला गेला. एकदम सर्व पर्यावरणपूरक. दूषित झालेली पवित्र गंगानदी निसर्गानेच तिला

स्फटिकासारखं स्वच्छ आणि शुभ्र केलं. क्रांती हळूहळू घडते. पण या कोरोनाने एकदम कमी वेळात समाजातील सर्व व्यक्तीना स्वच्छता, पर्यावरणपूरक, सामाजिक, आर्थिक बदल घडवून आणला.

कोरोनाने मानवाच्या सर्व बाबतीत घडवायला आणि बदल करण्यास सुरुवात केली. आमच्या घराच्या जवळ राहत असणारे माझ्या आईच्या शाळेतील सहकारी ऐन गणपतीमध्ये कोरोनाने गेले. आमच्या इथे धास्ती बसली. तेव्हा माझ्या आईने त्यांच्या घरात दूरध्वनी करून विचारपूस केली. त्यांचं घर सील केल्यामुळे आईने विचारलं आणि तिने स्वयंपाकाच सामान त्यांच्या घरी पोहोचवलं. थोड्याच दिवसांनी संध्याकाळी थोडा पाऊस पडत होता आणि दोन व्यक्ती आमच्या घरासमोरील असलेल्या आंब्याच्या आडोशाला उभे राहिले. कोरोनाच्या त्या स्थितीमध्ये मी आईला विचारलं 'त्यांना आपल्या अंगणात उभे राहयला सांगू' तर आई त्वरीत हो म्हणाली. पाऊस गेला, ते दोघे जण धन्यवाद म्हणून निघून गेले. मी आईला विचारलं आपण अशा परिस्थितीत त्यांना आत का बोलवलं, तर आईच्या संवेदनशील वक्तव्यावर मी विचारमग्न झालो, 'स्वराज कोरोना काळानुसार जाईल पण माणसांनी माणसाला केलेली मदत जी तिरस्कार न करता आशीर्वाद म्हणून टिकून राहते.'

काळ कठीण आहे, अजूनही कोरोना गेला नाही, आता आपल्याला फक्त काळजी आणि प्रार्थना हेच उपाय राहिले आहेत. कालचं माझ्या वडिलांनी मला एक 'एकनाथ महाराजांचा फटका' वाचायला दिला, 'मानवाने स्वार्थ, संपत्ती, लालची वृत्ती बाळगू नये, जो रिकाम्या हाताने आला. त्याला रिकाम्या हातानेच जायचं आहे.' याचा सर्व प्रत्यय माझ्या आसपासच्या समाजात दिसत आहे.



माय

हसणाऱ्या तव्यावर कशी भाकर झोपते,
माय माझी चुलीपुढं डोळे झाकून बसते.
पान्हा चोरताने तन मन देहाचे लाजते,
गाय देई किती दुध माय मला ते पाजते.
जन्म गेला तिचा वाया देह खेळतोया माती,
बापलेकाच भांडण माय जोडतेया नाती.

थरथर करे हात घाम अंगा अंगा वाही,
माय बोलतेया लेका अरे थकले मी नाही.
लेकीसाठी दिला तिने तिचा सर मोडणीला,
जावयाला सांगे माय तुम्ही सोनं करा तिला.
तिचा जीव घरापाशी सुख दुःखात छळते,
माझा प्रश्न जगासाठी माय कुणाला कळते ?



कांतासुत (प्रमोद घोरपडे)
M.Sc. (Biology)

माणूसपण

सुरेश मरगळे

T. Y. B. A. (History)

गेले दोन दिवस उपासना मंदीर तांदूळ, डाळ, आटा, साखर, बेसन पिठ, चहा पावडर, बिस्कीट पुडे, मिरची पावडर, हळद, मीठ, अंगाचे, कपड्याचे साबण, तेल. या साहित्याने भरले होते. कशासाठी? लोहारा, उमरगा, तुळजापूर (जिल्हा. उस्मानाबाद) या भागात तांडे, पाले यांमध्ये दोन हातांवर पोट असणारे मजूर, कारागीर, स्थलांतरीत, एकल महिला तसेच अपंग, अंध असे इतर शारीरिक आजार असणाऱ्या आपल्या देशबांधवांना १५ दिवसांसाठी आवश्यक असणारे खाद्य साहित्य देण्यासाठी.

साहित्य आल्यापासूनच साहित्याचे माप करून पिशव्या भरणे, या पिशव्या गोळा करून कुटुंबासाठी मोठ्या पिशवीत भरून किट तयार करणे असे ५०० किट तयार करायचे काम सुरु झाले. यात ६ वर्षांचा मुलांपासून अभिजित दादांचा आईपर्यंत सर्वांनी सहभाग घेतला. ३०-३५ जणांनी डोंगरा एवढे मोठे वाटणार काम सहज केले. पण यात विशेष म्हणजे आपापसात अंतर ठेवून काम केले. आज किट खूप लोकांपर्यंत पोहचवले यात जळकोटवाडी नरखोजी तांडा, प्रतापनगर तांडा, वडाचा तांडा, मानमोडी, दक्षिण जेवळी, रूद्रवाडी तांडा, भोसगा, भोसगा पाटी, गांधीनगर तांडा या भागात तसेच उमरगा, तुळजापूर गावांचा समावेश होता. यामध्ये एकूण ४७१ कुटुंबांना साहित्य पोहचवले.

साहित्य पोहोचवायला जाताना सर्व आजूबाजूला बंद होतेच, जग थांबल्याचा भास होत होता मध्येच वस्ती आली की पाणी भरणारे, जनावरे सांभाळणारे दिसायचे तोंडाला कापड बांधले होतेच त्यांनी. तेव्हा हे सर्व चालू आहे हे जाणवले. पहिलेच गाव दक्षिण जेवळी गावाचा सुरवातीलाच मोठा माती-दगडाचा ढिग करून रस्ता बंद केला होता. गाडीतून उतरून बाहेर आल्यावर १०-१५ तरुण पोर हातात काठ्या घेऊन आमचा स्वागताला आलीच. गावात यायचेच नाही म्हणत होते. तेव्हा आपल्या गावाची सेवा, रक्षण करणाऱ्या त्या गड्यांचा मला अभिमानच वाटला. अशी काळजी घेतली तर नक्की आपण जिंकूच! पुढे कशासाठी आलो आहोत, हे समजल्यावर त्यांनी वाट मोकळी करून दिलीच.

जागो जागी गावात जाण्याचे रस्ते काटे, दगड, झाडे हे टाकून बंद केले आहेत. गावात येणे-जाणे बंद आहे. आम्ही आधी लोकांचा याद्या तयार केल्या होत्या त्यानुसार वाटप केले. कोणत्याही प्रकारे लोक एकत्र येणार नाहीत याची काळजी घेतली. तसेच रोगाशी दोन



हात करण्यासाठी मास्क व माहिती पत्रक पण दिले.

उस्मानाबाद जिल्ह्यातील उमरगा, तुळजापूर, लोहारा ह्या तालुक्यांमध्ये अन्नधान्य साहित्य वाटप झाले. हे किट्स भारताचा विविध भागातून स्थलांतरीत झालेले मजूर, भूमिहीन गावकरी, शिधापत्रिका नसलेले, एकल महिला, वीटभट्टी मजूर, भटके विमुक्त व गावातील अत्यंत गरीब हातावर पोट असणारे लोक यांना शोधून वाटप केले.

अन्नधान्य वाटप करत असताना एक मुख्य प्रश्न जाणवू लागला आजूबाजूचा शेतकऱ्यांचा शेतातील शेतमाल आता विक्रीला आला आहे. आणि या ताळेबंदीच्या काळात बाजारपेठा, आठवडी बाजार सुरुच नाहीत. शेतकरी हवालदिल झाला. माल रस्त्यावर, गुरांना टाकू लागला. मग आम्ही ज्या शेतकऱ्यांचा माल विक्री व्यवस्था नाही. तो खरेदी केला आणि गावांमध्ये वाटायला सुरुवात केली. यामुळे शेतकऱ्याला उत्पन्न व गरिबाला अन्न मिळाले. अशी आम्ही ४० गावातील १६०० कुटुंबांना मदत केली. अभिजित दादा, गौरी ताई, श्रुती ताई यांनी बाहेर जाणाऱ्या कार्यकर्त्यांचा सोबत मास्क, स्वच्छता साहित्य दिले होत, तसेच सूचनाही. हा खोलातील विचारही झाला होताच हे विशेष. हे सर्व करत असताना प्रत्येकाला आपण हे आपल्या उपाशी राहण्याची वेळ येणाऱ्या देशबांधवांसाठी हे करतो आहोत. ही भावना मनाला समाधान देत होती. सर्व काही वाईट सुरु असताना अन्ना वाचून कोणीही राहू नये म्हणून हा छोटसा प्रयत्न आम्ही केला. करोना काळातील हा अनुभव निश्चितच आम्हाला प्रेरणा देणारा ठरला.

THE UNSUNG HEROES OF THE WAR

Madhavi Menon

SYBA (Psychology)

Reprinted from Kaleidoscope Volume XIII

When the pandemic struck the world in March of 2020, it became deafeningly silent. People were left baffled; a large number lost their jobs and everybody was trying to scurry back to their hometowns haphazardly. There was extreme commotion and confusion. People who were affected the most were our migrant workers, daily wagers, domestic help, and many more.

Armed in shoe covers, a gown, protective goggles, gloves, and an N-95 mask, doctors and nurses are working around the clock, breaking over-time records. Most of them don't even get to tuck their children in bed because of their long (sometimes 24-hour) shifts. A lot of them have given up going home and are living in solitary confinements, video-calls being their only form of solace. They are under immense pressure from the fact that there is no definitive cure for this infection along with calming the alarmed nerves of the families of patients. Many of them don battle scars: deep cuts from wearing masks, long hair being chopped so that it doesn't come in the way of the PPE gown, sore feet, and blistered hands. Due to scarcity of resources, a lot of medical officials are forced to reuse masks and kits which is an extremely risky thing to do. But I suppose in times of crisis, one has to weigh what is riskier.

There are millions out there who are rising above these dangers and going beyond the call of duty and fighting to keep the wheels of normalcy running. While doctors and nurses are manning (and wommaning if I may) the frontline, most of us forget to look beyond that. We have the policemen holding the fort down. Countless times they have to go to the houses of quarantined patients and make reports along with at times, asking them to get admitted into hospitals. We see them on the



roads, the scorching sun beating down on their capped heads or at times taking shade in small make-shift shelters to save themselves from the pouring rain. They've pleaded with us all with folded hands to not make their jobs tougher than it already is. But what do we

give in return? Getting upset and annoyed at them and provoking them to use force. None of us realize that what they're doing is BESIDES their normal work.

We then have our online delivery executives who are making sure that we get our orders delivered in the stipulated time. The world might have come to a standstill, e-commerce hasn't. If nothing, it's boomed. They are taking extra measures to make sure our products are contact-less deliveries and sanitized at every step. The Zomato and Swiggy delivery boys, who go from house to house serving warm food to people while trying to maintain self-hygiene. Would it hurt us to tip off an amount as small as rupees 10 or 20? We have our milk and newspaper delivery guys, who are ensuring that we have our daily cup of *chai* and coffee while reading the headlines. The garbage pickers who pick up the waste from houses and separate them every single day. The floors in our buildings don't magically clean themselves. From the safety of our homes, we read the perplexing news of the COVID-19 situation. Do we pause and think about the news reporters and camera-men who are making this possible? The telecom staff who are putting up towers everywhere to ensure that there are no network issues for people working from home. The power company technicians are making frequent rounds around town to ensure the reduction of power cuts on the drowned power grids. While we walk down to our local *kirana* stores to buy household supplies, the

shopkeeper greets us with a smile and a bottle of sanitizer. Although they look cheerful on the outside, they are terrified of being in contact with such a large number of people. Along with the safety of their families, they're also worried about their dwindling business.

On the side-lines, we have security van drivers who are going from ATM to ATM, ensuring the availability of cash everywhere. The vigilant security guards who are diligently taking temperatures and maintaining a log of everyone who's coming into the society. These people are working double, sometimes triple shifts just to make ends meet. With the introduction of online classes, I'm sure their children would require a device with the internet. Along with this are our cab drivers. They have suffered a heavy blow during this locked-down. They are doing their best to pay off EMI's and school fees with their meager income. We have petrol pump workers, filling cars all day long. They stand for over 7 hours a day! We have public bus drivers and conductors still functioning because they cannot afford to lose their jobs. Have we finally started respecting our domestic help and car cleaners for the work they do? What seems so effortless for them is backbreaking for us! The dusty cars were a constant reminder of how our society would be without them.

Amidst this, we also have people who are fighting to keep the society up with the 'new normal': the railway team brainstorming how to convert train compartments into emergency beds; the government officials working relentlessly to release orders for the administration to abide by, bank staff who work hard to keep the recessive economy active and insurance professionals ensuring our protection and medical costs to be covered. This also includes a 5-year-old teaching her grandmother to press the lift button with her elbow and pushing lobby doors with her feet.

As individuals, can we modify our attitudes towards these unsung heroes and treat them with the dignity and respect they deserve? Can we give them the pride and place that they have earned through their relentless and diligent work? We owe our 'new normal' to these people. Once complete normalcy is restored and we are back to bustling to our workplaces, the pandemic becomes a thing of the past. If we fail to pass along this story to our future generation, it will be an unjust action against humanity.

Bibliography

<https://www.thehindubusinessline.com/opinion/salute-the-unsung-heroes-of-the-covid-fight/article31527505.ece>



शब्द

ऐश्वर्या अण्णासाहेब नेहे

बोलणाऱ्यासाठी जीभेवरचा खेळ असतात शब्द,
ऐकणाऱ्यासाठी मात्र शस्त्र असतात शब्द,
विचारांसाठी गहिवरलेले श्वास असतात शब्द,
मांडणाऱ्यासाठी मात्र भावना असतात शब्द,
जाणीवांना खोलवर रूतणारी धार असतात शब्द,
भावनांना जपणारा दुवा असतात शब्द,
नात्याला दुखवताने काचेला जाणारा तडा होतात शब्द,
मनावर झेललेले असंख्य घाव असतात शब्द,
मनानेच जपलेले काही अनुभवही असतात शब्द,
आनंदात व्यक्त होतांना सोबत असतात शब्द,
अश्रुंना लपवतांना गिळणारा हुंदका असतात शब्द,
लिहिणाऱ्यासाठी अक्षरति दडलेला अर्थ असतात शब्द,
वाचणाऱ्यासाठी मात्र,
फक्त अक्षरांचा खेळ असतात शब्द,
असंख्य बंधनांची रेशीमगाठ असतात शब्द,
तिथेच रेशीमगाठ तुटण्याला कारणही असतात शब्द,
कधी प्रेमाने चालतां अधार असतात शब्द, ना,
तिथेच मात्र आधारावर वार ही करतात तेच शब्द
म्हणूनच...
जगताने श्वासाप्रमाणे जपायचे असतात शब्द
कारण ????
जिवंतपणाला मरण्याचा अनुभव बनून जातात
अक्षरांनी जुळलेले हेच शब्द.....

PANDEMIC VS. WOMEN

Sejal Panchpor

SYBA (Psychology)

Reprinted form Kaleidoscope Volume XIII



The covid crisis has left everyone feeling terrified, anxious, confused and angry. The lack of adequate enough countermeasures as well as facilities has resulted in chaos in the middle of the stillness of lockdown. during this time, everyone has had to face challenges, some worse than others. Although struggles cannot be compared, many have had the privilege of being able to stay in their own homes while some have walked across borders even still to barely survive.

Not only our nation, but the entire world is caught in this war against covid 19. there have been far too many casualties. we have not only lost many to covid itself but also to its resulting arsenal like starvation, depression and unemployment. and even as this war rages around us, we have enough time to spare for prejudices and injustices especially against the marginalised communities.

Every single marginalised community that was already suffering has only had to face the harshest of consequences of covid along with the constant reminder of the rarity of their accessibility. This crisis has left everyone hopeful for a better future while the current state of affairs continues to deteriorate.

Women, notably, from all backgrounds and communities have suffered the utmost effects of this situation. Few have been confined in their abusive households, others have had a significant increase in the amount of workload - be it a working woman or a homemaker - which is scarcely shared by their partner. Studies show that the mortality rate of male cases is higher even though the

prevalence between the binary genders is observed to be similar. That being said, women are at a higher risk of having to withstand financial impediments as a result of unemployment, which has incidentally been higher for women than men, according to research.

Lockdown has been one of the biggest countermeasures enforced throughout our country. But on a personal level, what steps have been taken consciously by people to ensure prevention of the widespread disease? The pandemic has affected men and women differently in many aspects such as biologically as well as mentally. The efforts for prevention of covid 19, too, have been different for men and women.

Masks have been at the front lines, but there is an issue of accessibility for many commodities and essential goods - including masks - that has amplified during these trying times. I've seen women wear their daily scarves as a substitute for masks while men wear handkerchiefs. Both of these devices fail to serve the purpose of masks - filtering the air for the disease. Also observed, is that men, more predominantly, wear masks rather than women - who, like mentioned before, continue to wear scarves.

Perhaps this is a reflection of how women's needs are considered secondary to those of men or perhaps it just goes to show that not enough investment or efforts are endeavoured for the cause of protecting women, as is the case for many socio-political scenarios. However, it is not just men who have deemed the needs of women secondary; I see women insisting on not spending money on themselves for a mask while they gladly buy them for their family members. Women, too, have been indoctrinated to think that they are the secondary sex.

Despite the magnitude of the covid 19 pandemic, we continue to see disparity in the basic rights and treatment of women which spans across intersectional communities in various forms. We must come together as a populace of this earth and fight this battle, not only against covid, but also against the prevailing injustices that have plagued us pre discursive.

मी अनुभवलेला कोरोना!

राहुल हनुमंत लांडगे
M.Com



सध्या कोरोनामुळे संपूर्ण जनजीवन विस्कळीत झालंय. अनेक लोक या 'कोविड-१९'चा भाग बनत आहे. आणि यातीलच मी ही एक. दि. २३ मार्चला मी माझ्या काही मित्रांसोबत २ दिवसांसाठी फिरायला गेलो, आणि कदाचित तिथेच माझा पॉझिटिव्ह रुग्णाशी संपर्क आला असावा. ज्यावेळेस घरी आलो तेव्हा मला ताप, सर्दी जाणवायला लागली, म्हणून मी फॅमिली डॉक्टरकडे जाऊन आलो. तरीपण काही फरक पडला नाही. नंतर कोणत्या पदार्थाची चवही कळना. मला कोरोनाची लक्षणे दिसायला लागल्यावर मी स्वतःला इतरांपासून विलग केलं. आणि पुन्हा डॉक्टरांकडे गेलो. त्यांनी मला कोरोना टेस्ट करण्याचा सल्ला दिला. ४ एप्रिलला मी कोरोना ची पहिली टेस्ट केली आणि ५ एप्रिलला रिपोर्ट पॉझिटिव्ह आला.

'कोरोना' हा शब्दच इतका भयानक झालाय की, तो ऐकल्यानंतर प्रत्येकालाच भीती वाटायला लागते. तसंच मी ही जरा घाबरलोच होतो. पण मला माझ्या फॅमिली ने खूप धीर दिला. आणि कायम माझा बॅकबोन असणारी माझी बहीण तिने माझा आत्मविश्वासही वाढवला. मी इतरांपासून आधीच दूर राहिलो होतो त्यामुळे घरातल्या कोणत्याच व्यक्तीला माझ्यामुळे त्रास झाला नाही. नंतर मी हॉस्पिटलमध्ये अॅडमिट झालो. हॉस्पिटल मधलं वातावरण जरा वेगळं असतच, पण तिथले डॉक्टर्स आणि स्टाफ सर्वांशी एकदम आपुलकीने वागत होते. रोज प्रत्येकाची विचारपूस करायचे.

विशेष म्हणजे याच दिवसात माझी कॉलेजमध्ये पण परीक्षा चालू होत्या. कॉलेज ला ज्यावेळेस कळालं माझ्या आजाराबद्दल त्यानंतर

माझ्या शिक्षकांनी आणि इतर स्टाफने मला खूप मदत केली, साथ दिली. मला कुठलाच शारीरिक किंवा मानसिक त्रास होऊ दिला नाही. माझी योग्य ती काळजी घेऊन माझी परीक्षाही घेतली. त्यामुळे त्यांचे खूप खूप आभार. माझी ट्रीटमेंट हॉस्पिटलमध्ये अगदी व्यवस्थित झाली.

हॉस्पिटलमध्ये नवीन मित्र सुद्धा भेटले, एकमेकांना मदत करणारे. काही क्षणात झालेली ही मैत्री आयुष्यभर लक्षात राहणारी आहे. आणि तसं पाहायला गेलं तर हॉस्पिटल मधला दिवस लवकर संपत ही नाही. पण आम्ही खूप वेळ एकत्र घालवायचो, त्यामुळे दिवस कधी संपायचा कळायचंच नाही. आम्ही आमच्या आयुष्यातल्या खूप सान्या गोष्टी एकमेकांबरोबर शेअर केल्या. आपण आपल्या बिझी लाईफमध्ये कधी लोकांचं एवढं निरीक्षण करतच नाही. पण हॉस्पिटलमध्ये मला ही संधी मिळाली. अनोळखी लोकांशी एक ओळखीचं नातं तयार झालं. काही लोकांच्या बोलण्यातून त्यांच्या समस्या समजल्या. त्यांची आयुष्य जगण्याची पद्धत कळाली. आपण पाहतो तेवढंच जग नाहीये, त्यापलीकडेही काही लोकांची एक वेगळी दुनिया आहे हे जाणवलं. आपण आपल्या सुखदायक आयुष्यात समाधानी राहण्याऐवजी तक्रारीच खूप करत आलो. पण काहीजणांना तक्रारी तर सोडाच पण आहे तो दिवस जगण्यासाठीच खूप कष्ट करावे लागतात, हे कळालं. आणि याची जाणीव झाल्यापासून माझ्यातही खूप बदल झाला. कायम इतरांबद्दल सहानुभूतीची आणि मदतीची भावना निर्माण झाली. संयमाने वागायला शिकलो.



असो, काही दिवसांनंतर मला डिस्चार्ज मिळाला. मी घरी आलो. घरी आल्यानंतर अर्थातच माझं खूप छान स्वागत झालं. नंतर एकदा टेस्ट केली, आणि फायनली रिपोर्ट निगेटिव्ह आला. आणि मी कोरोनामुक्त झालो. कोरोनामुक्त या शब्दाचा अर्थ मी त्यादिवशी खऱ्या अर्थाने अनुभवला. या काळात मला खूप काही शिकायला मिळालं. काही चांगल्या सवयीही लागल्या. काही माणसे

नव्याने अनुभवायला मिळाली. आई-बाबा, घरातील इतर व्यक्ती, नातेवाईक, माझे सगळे मित्र हे सगळे माझ्या या काळात कायम माझ्या सोबत होते. आणि खरंतर या सगळ्यांमुळेच मी बरा झालोय त्यांचे आभार मानले तरी ते कमीच आहेत. तरीसुद्धा
Thank you all of you...



MY QUARANTINED VOICE

I have quarantined within my heart this helpless noise,
This beautiful, sad, chaotic voice,
A shameless choice,
All rotting away to be let out.
But where do I begin,
When what I feel bad over,
is what I'll repeat over and over again...
It's a clot in my heart,
It's a knot in my brain.
I want to hear, speak, taste, smell, touch and love,
But where comes the strength and where ends the power.
I'm trodden somewhere unknown,
All alone.
Trying to build a castle out of mud,
all on my own.
The dirt seeps in,
And my blood keeps it,
It's a flavour well-known.
I want to love from the bottom of my heart,
But the bottom of my heart has come apart.
I don't know how much it'll cost if I just blurt away,
Will they stay or will they stray?
Suffering and disappearing are very alike,
Like how you disappear but still suffer.
It's an unprotected world,
So I build up walls,
Paper thin walls,
A bullet hole sheds irretrievable blood.
It's a massacre.
More than I can handle,
I don't know what I can.
I could sleep away into nothingness,

The next day is again a fight,
It'll be alright and I know it will.
But just how many episodes will you rewind and watch,
Of the world that's lost,
And of people who forgot,
Of everything you sought for...
How long will your eyes bleed looking in the past,
How long will you sting my heart proceeding in the future,
How long will you ignore, before you fall..
Satan lives and strives within this,
Multiverse of mine.
Wonder if true love only comes from inside...
When you know what's right.. but you tend to rewrite.
I have opinions alright.
I just don't know if they're mine, flexible, bendable or ductile.
Or whether I want them to be.
But I don't even know what emotions are anymore,
Are they even feelings or ranges,
They vary.
Nothing stays the same, nor the moon in the sky, nor the one in my heart.
And slowly this quarantined voice of mine I'll open up someday,
Let it all get away...
The Sakura petals of my past,
Will all be let out at last.

Amulya Pramod Parab
S.Y.B.Sc (Biology)

DEPRESSION A GLOBAL PUBLIC HEALTH CONCERN

Sameer Chhipa
BBA (CA)

What is Depression?

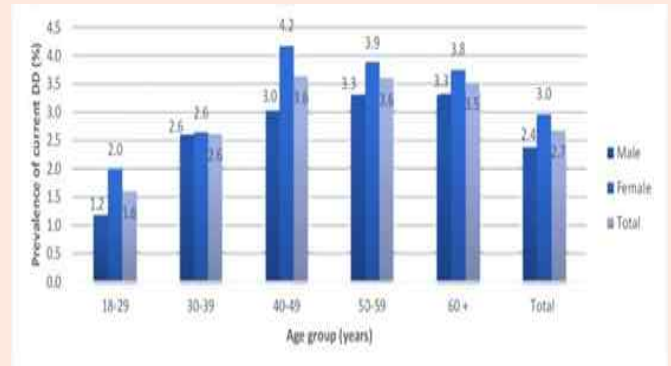
The Fastest spreading disease in the world? What do you think what it would be Cancer? or Dengue or the latest Covid-19 if you are thinking any of these you are wrong the fastest spreading disease is depression and especially it is affecting The Youths, The teens very much. What is depression? The word depression is originated from the latin word deprimere which means press down. Depression is the common mental disorder that presents with depressed mood, loss of interest or pleasure, decreased energy, feelings of guilt or low self-worth, disturbed sleep or appetite and poor concentration. Moreover depression often come with symptoms of anxiety. At it's worst depression can lead to suicide.

There are 10 million worldwide cases of depression every year and nowadays the biggest prey of depression is youths. The biggest prey are youths because today's youth has lost it's energy, lost it's thinking capacity. Today's youth work with trends then no matter what it is? Either it's a good thing or a bad no one cares until it's the trend. A study reveals that a youth spend his 5 hours daily just messing up with social media and it becomes the most common reason to suffer from depression. Social media is the best platform for entertainment until you begin to compare your life with other's on social media. 90% of people get depressed due to social media and the sole reason of it is comparing themselves with the other people on social media. A teen normally get's affected by watching lavish lifestyle's of different people on social media and he or she too desires to become same as these social media celebrities and because of this they end up suffering from depression as they cannot match their lifestyle level in such a small age. As a youth for me the biggest reason of depression is comparison. A youth or teen are always busy in comparing themselves with someone more successful than them. This problem of comparison does not begin with puberty it's fed up in our mind from very beginning through our society, through our parents and through our schools from very beginning we are just taught to compare ourselves and because of which we get addicted to compare. Other reasons of

depression among youths is Love failure it's the issue which is totally hype no one cares after a time every one gets indulged in their life it's just useless to have support of drinking

, drugs just because a person you like has left your life. Other reasons for depression is stressful event of life, death of loved one, abusive relationship etc.

Depression is mental disorder that is pervasive in the world and affects us all, A solution for depression is at hand. Effective and cost-effective treatment are available to improve health and lives of million peoples around the world suffering from depression. On an individual, community, and national level, it is time to educate ourselves about depression and support those who are suffering from this mental disorder.



**“A SOLUTION
FOR
DEPRESSION
IS AT HAND...
EFFICACIOUS
AND COSTEFFECTIVE
TREATMENTS
ARE AVAILABLE
TO IMPROVE
THE HEALTH
AND THE LIVES
OF MILLIONS
OF PEOPLE
AROUND THE
WORLD...”**

LIFE DURING LOCKDOWN

Rudolph D Silva
F. Y. B.Com



In each and everyone's lives until 2020 no one knew what was coming for all of us. The world's most horrible pandemic faced till date "CORONA VIRUS" which by 2021 has completed 1 year and more. Every smile and joy turned into a difficult time period for everyone, life changed a lot.

Due to covid the government had to impose a strict lockdown where many people lost their jobs and were financially drained. People starving on the road begging for food and many people even lost their lives due to the pandemic. It was very hard especially for the people working on wages because most of them had to go back to their hometown. They did not have money neither food to survive in the city... those working on wages had to walk miles to reach their hometown. During this time many people even died as the journey was very long and they did not have food to survive.

Not only the poor but even the middle class and high-class people faced a lot. They faced a lot of frustration, anxiety, depression and many relationships came to an end. All this happened because people went insane being at home doing nothing and having so much stress because no one knew that life would be like this one day. I feel

personally very bad for the kids, teenagers because they couldn't enjoy their school days and college days with their friends. Their life turned out to be worst as their psychological table got ruined and every kid and teenager was only on electronic gadgets.

But as it is said there is always hope in this world no matter how tough life is. There were some great people who risked their lives for us such as the front-line workers. The doctors, police and so on but excluding them there were some people who many don't even know and have helped a lot. Like few people have helped the needy by providing them food, groceries and money.

As I conclude I just want to tell everyone that we all are blessed in our lives, this is a period where we all as citizens have to realize that we need to respect what we have. If we don't make this world a better place, we don't know then how the generations to come can see a world let's all unite together and face this pandemic together, It is said a single person cannot fight alone but by coming together, we can win over this pandemic.

**HUMANITY ALL THERE IS ABOUT CARING,
LOVE BEGINS.**

YOGA FOR FIGHTING CORONA

Prof. Dr. Ashwin Tomar
Computer Science Department

Why Yoga ? It is said that

- i) Yoga has positive impact on health (physically and mentally) by daily practicing for 1 hour. Yoga heal us mentally by Pranayam, Dhayan and its Practices.
 - ii) It is inside Journey of human beings which starts with exercise till person achieves enlightenment like Gautama Buddha.
 - iii) Yoga gives vision & philosophy to live on Earth.
 - iv) It is said person can overcome death by regularly doing yoga i.e., Person is Mritunjaya.
 - v) Yoga teaches unbreakable faith in God and Guru as whole world being is controlled by unseen supreme power. Believing in GOD is Positivity.
 - vi) Yoga teaches us to control mind, thoughts, body, emotions & feelings and many other parameter (ego, anger, ahankar, greed, jealousy) within human being.
 - vii) Yoga gave birth to young leaders like Maharana Pratap, Shivaji Maharaj, Buddha and Mahavir and brings leadership and originality in these leaders.
 - viii) Yoga makes you intelligent and increase your physical capacity.
 - ix) Regular yoga equalizes energy and matter philosophy. It makes you conscious about energy inside you so that you can control it and transfer it to other as you want.
 - x) Yoga can increase capacity of processing information in human beings.
 - xi) Yoga is beyond science and hence has power to unite India under one umbrella as it is not restricted to specify caste, religion, caste, sex etc. In short it can integrate students, families, state, country and world.
 - xii) It is said that Yoga is linked with Sanathan dharma and our Vedic culture and hence our forefathers were yogi and why not we? Why can't be?
 - xiii) Yoga brings Spirituality, Naturopathy, Ayurveda together and lead to transformation within ourself. It is like Prayaga (confluence of three rivers).
 - xiv) Practicing Yoga opens and control your biochemical and energy pathway.
 - xv) Yoga removes your dependencies on others and emphasis on self-reliance.
 - xvi) Yoga control and cures many general, genetic, life style disease like diabetics, blood pressure, Sorosis, Thyroid, Eyes, Liver, Corona, kidney problems and many others. Thus, Yoga makes you Yogi and not bhogi. It increases the life span of human being.
 - xvii) It supports principle of local for Vocal.
 - xviii) Yoga emphasises to lead a simple, discipline and nonviolent life.
 - xix) Teaching Yoga without fees to human mankind is like Service to GOD.
 - xx) We live in past or future. Past is lost, future we do not know. It teaches us to live in present and forget bad memories by emphasizing on KARMA philosophy.
 - xxi) Yoga removes vikar (bad things inside us) and makes us pure.
 - xxii) Yoga can be integrated with Patriotism.
 - xxiii) Everyone has bad habit so Yoga helps us to remove bad habit.
- YOGA is our ancient Yogi Science discussed in Bhagwat Geeta endowed with virtues and qualities. It is like developing Sixth senses. Let us all inculcate from childhood its practices for betterment of humankind.

कोरोना काळातील दाहक वास्तव

महेश गुजर

M.Sc. (Computer Science)

मी महेश गुजर श्रीरामपूर येथील रहिवास. आज मी कोरोनाबाबतचा माझा थोडा वेगळा अनुभव सांगणार आहे. हा अनुभव खूप दाहक आहे कारण या काळात मी माझ्या आयुष्यातील अतिशय भयंकर परिस्थितीचा सामना केला आहे. मी गेल्या दोन-तीन महिन्यांपासून विद्युत वाहिनीवर काम करतोय .

गेल्या काही वर्षांपासून कोरोनाचे जे संकट आपल्यावर कोसळले आहे ते फार भीतीदायक आहे. सर्वसाधारण कुटुंबासाठी, माणसासाठी तर विचारूच नका. मीही एका सर्वसाधारण कुटुंबातील असून माझी परिस्थिती अजिबात चांगली नाही, म्हणून मी या काळात विद्युत वाहिनीवर काम करण्याचे ठरविले. या ठिकाणी काम करत असतांना खूप समस्यांना सामोरे जावं लागलं मला. ज्या मुलाने कधी कोणाचा अंत्यविधी बघितला नव्हता, त्याला थेट अंत्यविधीचे काम करावे लागल्यावर घाबरणार नाही तर काय हो !

मी हे काम करत असतांना खूप वेगवेगळे अनुभव आले . एखाद्या मृताचा देह दहन करत असतांना त्या कोरोनाग्रस्त मृतांची मुलगा,मुलगी ,पत्नी जेव्हा म्हणतात कि आम्हाला एकदाच चेहरा बघू द्या ना तेव्हा आमच्या डोळ्यातील अश्रू थांबता थांबत नाही, कारण आम्ही तो दाखवू शकत नाही ,देह पूर्ण झाकलेला असतो. खरं तर हे अनुभव माझे काळीज पिळवटून टाकणारेच होते .अनेक वेळा याच्या विरुद्ध अनुभव येतो, आपल्या नातेवाईकाला अग्नी देण्यासाठीही कोणी पुढे येत नाही. कारण संसर्गाची भीती प्रत्येकाच्या मनात असतेच .अनेक वेळा काही माणुसकी नसलेले माणसे भेटतात . हे सगळे अनुभव मनात साठून आपले काम करत राहायचे एवढेच काय ते माझ्या हातात असते .

मृताच्या नातेवाईकाला रडतांना पाहून सुरुवातीला मलाही खूप रडू यायचे परंतु वीस-तीस जणांचे अंत्यविधी झाल्यानंतर डोळ्यातील अश्रू नाहीसे झाले असे वाटले होते पण आता या कोरोनाचे कोरड्या झालेल्या डोळ्यात पुन्हा पाणी आणले आहेत .कारण या दुसऱ्या लाटेत मृत्युचे प्रमाण वाढले आहे,.परिस्थिती अधिक बिकट झाली आहे. स्मशानभूमीवर ताण पडला आहे. लोकांना रांगा लावाव्या लागत आहे, ही परिस्थिती सगळ्याच बातम्यांमध्ये तुम्हाला दिसतच असेल. या स्थितीत आम्ही कस लढत आहोत हे आम्हाला माहित आहे.

खरं सांगायचे तर पहिल्यांदा मला आई-वडील कोणत्याही



अंत्यसंस्काराला जाऊ देत नसत, परंतु आता एखादी व्यक्ती मरणे आणि त्याच्या अंत्यसंस्काराला जाणे ही माझ्यासाठी रोजचीच बाब झाली आहे . शासन कर्तव्यापुढे दुसरे काहीच महत्वाचे नाही . खूप काळजी घेऊन हे कर्तव्य आम्ही पार पाडत असतो. स्वतःच्या शरिराभोवती पीपीई किट परिधान करून मृतदेह हाताळावा लागतो. रुग्णालयातून आलेला मृतदेह पूर्णपणे झाकलेला असतो. स्वतः बरोबर इतर सगळ्यांची काळजी महत्वाची असते. गेलेल्याचे जीवन तर संपले असते पण इतरांना संपर्क होऊ नये म्हणून सर्व नियमांचे काटेकोरपणे पालन करावे लागते. डोळ्यातील दाटलेले अश्रू लपवून, मनावर दगड ठेऊन आणि शासनाच्या परवानगीने व शासनाची सक्त ताकीद लक्षात घेऊन तो मृतदेह विद्युत वाहिनीमध्ये ढकलून देऊन दार बंद करावे लागले.

हे सगळं सांगत असताना माझा निश्चय मात्र दृढ आहे . ही जनसेवा आहे, कठीण परिस्थितीमध्ये काम करत असताना एक समाधान आहे आपण आपले कर्तव्य प्रामाणिकपणे व जीवाची पर्वा न करता करत आहोत,करीत राहू. अनेक अस्वस्थ करणारे अनुभव येत आहेत तरी आमची जबाबदारी मी नेटाने पार पडेन असा विश्वास मन मध्ये निर्माण केला आहे. शेवटी एकच म्हणून स्वतःची काळजी घ्या, नियमांचे पालन करा,आपल्याला प्राणापेक्षा जास्त मौल्यवान असलेल्या आप्तस्वकीयांची काळजी घ्या, कारण आपल्या माणसांना गमवावं लागणं अनुभव किती वेदनादायी असतो हे मी फार जवळून अनुभवलं आहे''

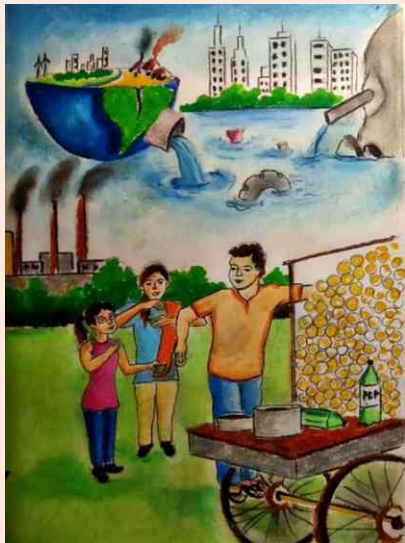
कोरोना आणि आपल्यातील बदल...

ओंकार सुहासराव धाट
S.Y.B.A

गेली कित्येक दिवस आपण टी. व्ही. सोशल मिडीया, घरात, बाहेर, मित्रांत फक्त एकाच विषयावर चर्चा करतो आहेत. तो विषय म्हणजे कोरोना, कोरोना आणि कोरोना!! या कोरोनाने जीव अगदी मेटाकुटीला आणला आहे. कोठून आला बरं हा कोरोना? चीन मधल्या कोणत्यातरी बाईने वटवाघळाचे सूप प्यायले आणि या भयानक कोरोनासारख्या राक्षसाला मानव जातीत आणले. या राक्षसाने गरीब-श्रीमंत असा भेद न करता सर्वच धर्मातील, जातीतील स्त्रियांना-पुरुषांना आपल्या विळख्यात घेतले असा समज झाला. हजारो लोकांनी आपले प्राण गमावले आहेत. लाखो लोक अजूनही याचा सामना करत आहेत. संपूर्ण जगाचं आतोनात नुकसान या कोरोनाने केले आहे. वित्तीय हानीबरोबरचं जीवितहानी करायला याने थोडासुद्धा वेळ लावला नाही. कित्येक अर्थतज्ञांच्या मते जग या कोरोनातून सावरेल ना सावरेल तोच संपूर्ण जगाला आर्थिक महामंदीला सामोरे जावे लागणार आहे.

तसे पाहिले तर लोकसंख्येच्या दृष्टीने भारत हे जगातील द्वितीय क्रमांकाचा देश आहे. आपल्यापेक्षा कितीतरी कमी लोकसंख्या असलेल्या देशात या कोरोनाने अधाशासारखा लोकांचा फडशा पाडला. आपल्या सरकारने, प्रशासनाने वेळीच योग्य पाऊल उचलून या कोरोनाला लगाम घातलेली आपल्याला दिसत आहे. अपवाद वगळता (राज्ये) भारतात काही ठिकाणी कोरोनाच्या रुग्णांची संख्या ही प्रचंड वाढलेली आहे.

माझ्या मते कोरोना दोन बाजू आहेत. एक चांगली आणि दुसरी वाईट. आधी आपण वाईट समजून घे वूयात. कोरोनाने संपूर्ण जगाचं आतोनात जीवित आणि वित्तीय नुकसान केलं आहे. कित्येक लोकांचे



रोजगार बुडवले आहेत. आता चांगली बाजू प्रत्येकाने आपल्या मनाला एक प्रश्न विचारायला हवा की, किती वर्षे झाले, मी माझ्या परिवाराला आणि माझ्या माणसांना वेळ दिला आहे? आज बऱ्याच जणांना घरात बसून बसून खूप कंटाळा येतो आहे. म्हणजे यात एक गोष्ट लक्षात येते की, आपण आपल्या नोकरीच्या, व्यवसायाच्या, शिक्षणाच्या नादात स्वतःच्या घरापासून दुरावलो आहोत. लॉकडाऊनसारख्या बंदिस्त परिस्थितीत आज आपण घरातच अडकून पडलो आहोत. पोलिसांच्या भितीने का आपण स्वतःवरच बंधने घातलेली आहेत. आपल्या आई-वडीलांचा काळ जर सोडला तर कोणी एकावेळचं का होईना, जेवण सोबत घेत असेल. असं माझं मत. या कोरोनामुळे आज आपण प्रत्येक गोष्ट घरच्यांसोबत करत आहोत. घरात प्रत्येक सोयी-सविधा असून देखील आपल्यातील काही जणांना कंटाळा येतो. याचा आपण विचार केला पाहिजे, की किती आपण बाहेरच्या जगात हरवून गेलो आहोत.

मला तरी असे वाटते, या लॉकडाऊनचा आपण यथोचित उपयोग करायला पाहिजे. आपल्यातील कला आपण या काळात जोपासली पाहिजे. नवनवीन पुस्तकांचे वाचन, विविध विषयांवर लेख, निबंध, कविता आपण तयार केल्या पाहिजेत. स्वतःबरोबरचं घरच्यांची सुद्धा आपण काळजी घेतली पाहिजे. आज आपल्या सेवेसाठी सर्वच अत्यावश्यक सेवा देणारा वर्ग झटतो आहे. आपण घराबाहेर न पडता या कोरोना राक्षसाची बंधने घालून घेतली पाहिजेत. जर आपल्यात प्रचंड इच्छाशक्ती असेल तर या कोरोनासारख्या शंभर राक्षसांचे आपण विसर्जन करू. पण, जर आपले स्वतःवरच नियंत्रण नसेल तर ती भविष्यात मोठी चिंतेची बाब ठरू शकते.

कोरोना आणि भारतीय आरोग्य व्यवस्था

धनजय पांडुरंग भोडके

M.Sc (Organic Chemistry)

जागतिक आरोग्य संघटनेच्या एका अहवालानुसार १९१ देशांच्या यादीत सर्वोत्तम आरोग्य व्यवस्थेत प्रथम स्थानी फ्रान्स तर द्वितीय स्थानी इटली आहे. फ्रान्समध्ये डॉक्टर-लोकसंख्येचे प्रमाण ३.२२७ : १००० तर इटलीमध्ये हे प्रमाण ३.७६ : १००० आहे. या अहवालानुसार जर भारताचा विचार केला तर भारत यामध्ये ११२ व्या स्थानी होता आणि



रुग्णालयात खाटा ही मिळणे अवघड झाले. ह्याचाच परिणाम म्हणून कित्येक महानगरांत नवीन कोविड सेंटर उघडावी लागली. देशाच्या राजधारीत जेव्हा कार्यकारी विभागास हे सांगाव लागतं की, शक्य असेल तर लोकांनी घरी राहूनच कोरोनाचा उपचार घ्यावा, तेव्हा भारतीय आरोग्य व्यवस्थेवर प्रश्न निर्माण होणे

आर्थिक पाहणी- अहवाल २०१९-२० नुसार भारताचे डॉक्टर-लोकसंख्येचे प्रमाण १ : १४५६ आहे, जागतिक आरोग्य संघटनेनुसार हे प्रमाण १ : १००० असायला हवे. अर्थात हे सर्व सांगण्याचा उद्देश एवढाच की जगातील सर्वात प्रभावशाली आरोग्य व्यवस्था असलेले देशसुद्धा कोरोना काळात अत्याव्यवस्थ झाले आणि प्रसंगी सार्वजनिक ठिकाणी तंबू ठोकून उपचार करायला प्रवृत्त झाले, परत दुसरीकडे भारतीय आरोग्य व्यवस्था एका नाजुक वळणावर असतानाही या सर्व परिस्थितीशी सदैव झुंजत राहली आणि हीच तीची झूज अजूनही चालूच आहे. सामान्यपणे भारतामध्ये दोन प्रकारच्या आरोग्य प्रणाली आपणास दिसून येतात एकतर, सार्वजनिक आरोग्य प्रणाली ज्यामध्ये गरीब लोकसंख्येचा मोफत व सबसिडीच्या सुविधेने उपचार होतो आणि दुसरी म्हणजे, खाजगी आरोग्य प्रणाली, हे खाजगी क्षेत्र देशातील जवळपास ५८% रुग्णालये जोडतं आणि हे क्षेत्र जवळपास ७०% शहरी तर ६३% ग्रामीण परिवारांचा प्राथमिक स्रोत आहे. खरतर भारतात आरोग्य साधनांची मुबलकता खूप कमी प्रमाणात आहे हे आपण सर्वजण जाणून आहोतच परंतु अशा परिस्थितीत सुद्धा भारतीय आरोग्य व्यवस्थेने या जागतिक संकटाशी केलेला सामना खरचं अतुलनीय तसेच कौतुकास्पद आहे.

ह्या काळात भारतीय आरोग्य व्यवस्थेचे अनेक रूपं आपल्यासमोर आली, जसं की दिल्लीतील रुग्णालयातील मृतदेहांची योग्य व्यवस्था न करणे, बिहार मधील रुग्णालयांची स्थिती ही आपण बघितली, योग्य वेळी रुग्णावाहिका न पोहचल्यामुळे तर अनेकांना आपला जीव ही गमवावा लागला, कित्येक रुग्णांना तर

सहाजिकच आहे. खरतर जगातील बहुतांश देश विकासाच्या मार्गाने धावपळ करत असताना त्यांनी आपली सामाजिक स्थिती ही सुधारणे अगत्याचे असते, परंतु प्रत्यक्षात जणुकाही ह्या गोष्टी कागदावरच दडून राहतात. भारताला आज स्वातंत्र्य मिळुण ७० पेक्षा जास्त वर्षे उलटून गेली परंतु आजही भारताची आरोग्य व्यवस्था हवी तशी सुधारली नाही किंबहुना याबाबत प्रभावी अंमलबजावणी झाली नाही हेच यातून निदर्शनास येते. कित्येक पंचवार्षिक योजनेत सतत यावर विचार करण्यात आला पण आरोग्य व्यवस्थेने जणुकाही जैसे थे राहणेच पसंद केले.

हे सर्व ज्ञात असतानासुद्धा इथल्या प्रत्येक कोरोना योध्येने ह्या परिस्थितीशी तग देऊन उभं राहण्याच ठरवलं आणि त्याचाच हा परिणाम की आज देशाने या संकटास सडेतोड प्रत्युत्तर दिलं आणि ह्या कोरोना विषाणुच्या प्रसारावर आळा घालण्याच काम केल, जणुकाही इथल्या प्रत्येक कोरोना योध्येने आपल्या मनात हे वाक्य कोरलं असाव,

“तु ना थकेगा कभी

तु ना रुकेगा कभी

ले शपथ,

अग्निपथ, अग्निपथ, अग्निपथ.”

म्हणून ते या परिस्थितीशी न उगमगता सामना करू शकले. ज्या देशात स्वतःच्या लोकांसाठी व्हेटिलेटर पुरेस उपलब्ध नव्हते तोच देश आज व्हेटिलेटरची निर्यात करण्यास सक्षम झाला आहे. ज्या देशाची आरोग्य व्यवस्था जगात ११२ व्या क्रमांकावर होती त्याच

देशाने या जागतिक महामारीवर प्रतिकार करण्यासाठी जगाला स्वदेशी लस उल्लब्ध करून दिली. भारताच्या प्रबळ इच्छाशक्तीच्या जोरावरच हे साध्य करण आज शक्य झाले. २०२१ च्या अर्थसंकल्पात आरोग्य सेवेमधील खर्चात १३७% वाढ केली गेली आणि सुमारे २.२३ लाख करोड यात खर्च करण्याचे ठरविले गेले, परंतु हे फक्त ह्या वर्षापुरतंच मर्यादित न ठेवता समोर भविष्यातही देशातील आरोग्य व्यवस्था मजबुत करण्यासाठी पाऊले उचलावी लागणार आहे. जेणेकरून ह्या आणि अशा

अनिश्चित संकटाचा देश पूर्ण ताकदीनिशी सामना करेन. आज देशाने आत्मनिर्भर भारत अभियानांतर्गत, आत्मनिर्भर होण्याच ठरवलयं आणि भारताची जिद्द, आशा, आकांक्षा, प्रबळ इच्छाशक्ती बघता हे लक्ष्य लवकरच प्राप्तही करू, पण तितक्याच जिद्दीने भारतातील आरोग्य व्यवस्थाही आत्मनिर्भर बनवण्याकडे वेगाने पाऊल टाकायला हवं. तेव्हाच भारताचं "स्वस्थ भारत" म्हणून नावलौकीक होईल.

करोना काळातील मायेची ऊब

ओंकार गोरेकर
T.Y.B.com

एकदम सुखी आयुष्य चाललं होतं मित्राची साथ कट्ट्यावर ची बात कॉलेज चे lecture, टपरी वर चे cutting अस वाटलं या पेक्षा जास्त चांगलं असूच काय शकत पण अचानक सगळं बंद कॉलेज बंद, lecture बंद टपरी वरचा चहा, मित्राच्या गप्पा सगळं काही lockdown मध्ये लॉक झालं.

अत्ता घरी बसण्याशिवाय पर्याय नव्हता पण घरी तरी किती बसणार मग मी कामाला लागलो जम्बो कोविड सेंटर आधी रोज बातम्या ऐकायचो आज एवढे वाढले आज एवढे वारले नात्यात कोणाला फोन लावला आणि कळलं की या या ठिकाणी patient सापडला तर त्या रस्त्यावर जायला ही भीती वाटायची

अत्ता अश्या ठिकाणी कामाला लागलो जिथे positive patient सोडून दुसर कोणी येत च नाही पहिला दिवस माझा अत्ता पर्यंत कोरोना ला जेवढं हलकं घेतलं होतं तो सगळा भ्रम पहिल्याच दिवशी धुळीला मिळाला एवढी लोक या भयंकर आजाराने त्रस्त आहे हे माहीत च नव्हतं. पहिल्या दिवशी मला माझं काम समजावलं जास्त काही नाही फक्त patient ला बघायचं त्यांची काळजी घ्यायची त्यांना काय हवं काय नको याची दक्षता घ्यायची ऐकायला तस सोपं च वाटत होतं पण खरं सांगायचं झालं तर खूप भयानक आहे हे सगळं. अत्ता रोज कितीतरी patient ला बघतोय संभाळतोय रोज दारा बाहेर उभ्या असणाऱ्या उन्हातान्हात आपली लहान लेकरं उपाशी ठेऊन आपल्या बाबा ला एक नजर बघता यावं या साठी धडपड करणारी त्या लेकराची आई आणि आतल्या एका patient ची बायको, आजोबा काही खात नाही म्हणून juice fruit घेऊन उभा असलेला नातू हे बघून जेवढं वाईट वाटायचं तेवढं च मन आतल्या patient ला बघून तुटायच कोणाला bed हवा कोणाला oxygen कोणाला injection कोणी व्हेंटिलेटर साठी धपडत होत अन या सगळ्या मध्ये जेवण जात नसताना ही प्रेमाने धमकावून तर कधी रागावून त्यांना वेळोवेळी जेवण गोळ्या घायला मी होतो मिनिटं

भर ही विश्रांती नव्हती आपल्या जेवणाची वेळ कधी सरून जाते हे कळत च नाही

अस म्हणतात की पोर मोठी झाली की आपली च आई वडील जड वाटायला लागतात अश्या समाजात मी ज्यांना ओळखत नाही नाती गोती नसलेली एका ward मध्ये १०० च्या आस पास पालकांना सांभाळत आहे



घरा पासून सेंटर जास्त लांब नाही पण अत्ता हे अंतर खूप जास्त वाटायला लागलं सेंटर मधून निघालं की घरी जायची भीती वाटते रोज त्रासाने रडणाऱ्या इतक्या लोकांना पाहतो त्यांच्या मध्ये वावरतो की अत्ता यात आपल्या घरच्यांचा नंबर नको या विचाराने झोप येत नाही डोळे बंद केले की रडणाऱ्या माऊली चा चेहरा समोर येतो घरी स्वतःच्या हाताने पाणी घ्यायची ही धास्ती भरते आपल्या मुळे एक जरी पाहुणा घरी आला तर.....

कधी वाटत हे सगळं नको च सोडून घाव हे काम ज्या कामाने दिवस रात्र भीतीत जगावं लागत पण मग पुन्हा जेव्हा आई चा हसता चेहरा बघतो तेव्हा त्या माऊलीच ध्यान होत जी घरा पासून लांब आपल्या माणसाच्या काळजीत लवकर बर व्हावं याची वाट बघते

घरून निघताना बाप्पा पुढं एकच मागणं रोज मागतो आज आधारासाठी फक्त हात उडू दे आधाराचा खांदा घायला लावू नको

PPE किट घातलेला मी आतून जाड T-shirt घालून घाबरलेल्या मनाने विश्रांतीविना सगळ्यांची काळजी घेतो अन जेव्हा मायेने ते पाठीवरून हात फिरवतात एवढ्या जाड कापड्यातून ही त्याच्या मायेची ऊब काळजाला लागते अन सगळा थकवा क्षणभरात निघून जातो बाप्पाकडे एवढीच प्रार्थना करतो सगळ्यांची माऊली त्यांच्या घरी परतू दे मायेची ही ऊब प्रत्येकाच्या पदरी पडू दे

कोरोना आणि बालविवाहाची प्रथा

वैष्णवी युवराज मिसाळ

S.Y.B.A.

२१व्या शतकात बालविवाह छे! असं असेल का तरी बऱ्याच वेळा वाटतं, पण या कोरोनाच्या पार्श्वभूमीवर सर्वत्र टाळेबंदी झाली. याच दरम्यान खूप मोठ्या प्रमाणात बालिका बालविवाहाला बळी पडल्या या बालविवाहाची सुरुवात कधी झाली असेल.

खूप पूर्वीपासून भारतामध्ये बालविवाहाची प्रथा चालत आलेली आहे. बालविवाह हा भारतात अनके वर्षांपासून सामाजिक मुद्दा आहे. बालविवाह ही प्रथा दिल्ली सल्तनतच्या काळापासून होती. मुलींवर होणारे बलात्कार आणि परदेशी राज्यकर्त्यां कडून अपहरण या सर्वांपासून वाचवण्यासाठी त्याकाळी बालविवाह हा पर्याय निवडला गेला.

बालविवाह प्रतिबंधित कायदा हा सर्वप्रथम १९२९ या साली काढण्यात आला. ज्यात मुलांसाठी लग्नाची की मान वय १८ वर्ष तर मुलींसाठी हे वय की मान १४वर्ष करण्याचा एक प्रस्ताव मांडला आणि १९२९ साली विधेयकाला मान्यता मिळाली याच कायद्याला सारडा कायदा असे म्हणतात. नंतर १९४९, १९७८ आणि २००६ वर्षां मध्ये या कायद्यात बदल करण्यात आला. त्या मध्ये मुलीचे वय १८ वर्ष आणि मुलाचे वय २१ वर्ष निश्चित करण्यात आले.

खरंतर या प्रथेला मुली बळी का पडतात. ग्रामीण भागामध्ये मुलींच्या पालकांची आर्थिक परिस्थिती बिकट असते आणि शेती हा मुख्य व्यवसाय असतो. एकूण आर्थिक स्रोत कमी असतात. गरिबीला कंटाळलेला हा ग्रामीण समाज जेव्हा मुलींच्या माध्यमिक शिक्षणानंतर पुढे महाविद्यालयात प्रवेश घेण्यासाठी प्रवेश घेण्याचा विचार करतो. तेव्हा पैशाचा तुटवडा असतो आणि मुलींच्या शिक्षणावर प्रथम गदा येते. तसेच ग्रामीण भागामध्ये महाविद्यालयीन शिक्षण सहजासहजी उपलब्ध होत नाही. मुलींना शिक्षणासाठी शहरात पाठवणे त्यांना शक्य होत नाही. त्यामुळे मुलींचे शिक्षण थांबते. त्याचबरोबर मागील वर्षात कोरोनाच्या काळात सर्वत्र टाळेबंदी झाली. कंपन्या बंद झाल्यामुळे शहरातून लोक गावाकडे



आले. महाविद्यालय, शाळा बंद झाले आणि ऑनलाईन शिक्षण चालू झाले. मध्यमवर्गीय पालकांनाही मुलींच्या शिक्षणासाठी मोबाईल उपलब्ध करून देणे शक्य नसल्याने त्यांचे शिक्षण थांबवले गेले. श्रीमंता घरचे मुलींना स्थळ आले, तर ते होकार देऊ लागले. आणि याच कोरोनाच्या काळात बालविवाह मोठ्या प्रमाणात झाले. नंतर काही कालावधीनंतर पोलिसांच्या आदेशानुसार फक्त ५० लोकांचा लग्नसमारंभासाठी परवानगी होती या संधीचा फायदा घेऊन बऱ्याच ग्रामीण भागात बालिका बालविवाहाला बळी पडल्या. या काळात मुलींच्या आयुष्यातील पत्तेच बदलून गेले.

नसैर्गिक आपत्ती असो किंवा मानवी आपत्ती, महापूर असो किंवा दुष्काळ असो आणि एखाद्या साथीच्या रोगाची साथ असो याचा परिणाम प्रामुख्याने मुलींच्या शिक्षणावर खूप मोठ्या प्रमाणात होतो. त्यात अजून कोरोनासारख्या महामारीने तर मुलींच्या शिक्षणाला अधोगतीच मिळाली. या सर्वांत जास्त मुलींच्या आयुष्यावर खूप मोठा परिणाम झाला. घरची परिस्थिती गरिबीची असेल आणि कुटुंबात भावंडांची संख्या जास्त असेल, तर थोडासा आपल्यावरची जबाबदारी मुक्त करण्यासाठी कुटुंबातली वडीलधारी माणसे घरातील वयात आलेल्या मुलींची लग्न लावून देतात

ज्या बाल वयामध्ये मुलींनी खेळले बागडले पाहिजे त्याच वयात मुलींना सासरचा उंबरठा ओलांडावा लागतो. मुलींची मानसिकस्थिती अजून तयार झालेली नसते. शारीरिक संपूर्ण वाढ झालेली नसते. तरीही त्यांना संसारातील जबाबदाऱ्या पार पाडायच्या लागतात. संपूर्ण जीवनात मुलींच्या विकासाची आणि संधीची सर्व दारे बंद होऊन जातात. या सर्वांचा परिणाम आरोग्यावर मोठ्या प्रमाणात होतो काही वेळी त्यांना गरोदरपणात जीवसुद्धा गमवावा लागतो. परिणामी पालकच मुलींना आपण स्वतःहूनच मरणाच्या दारी पोहचवतात. गरोदर माता मृत्यू मागील बालविवाह हेही कारण ठरू शकते.

या सर्व गोष्टींवर उपाय म्हणून आपल्या महाराष्ट्र सरकारने विविध पथक योजनेच्या मदतीने बालविवाह रोखण्यासाठी मदत केली जाते. बालविवाह होऊ नये यासाठी महिला आणि बाल विकास विभाग विविध माध्यमातून जनजागृती करत असतात. राष्ट्रीय बालिका दिवस २४ जानेवारी रोजी असतो. त्यानिमित्त विविध कार्यक्रम केले जातात. जनजागृती करण्यासाठी पथनाट्य करतात. ग्रामीण भागामध्ये जाऊन प्रत्येक शाळेत महिला आणि बालविकास विभागातील कर्मचारी योग्य ती माहिती पोहचवतात व बालविवाह केल्याने किती दुष्परिणाम होतात, ते पटवून देतात. शासनाकडून

बालविवाह रोखण्यासाठी भरपूर प्रयत्न केले जातात. त्याहून महत्त्वाचे आहे समाज म्हणून आपण सर्वांनी मिळून बालविवाह विरोधी जागृती करणे आवश्यक आहे आणि त्यांची जबाबदारी एक व्यक्ती म्हणून प्रत्येकाने घेतली पाहिजे वि शेष करून तरुणांनी.

आठरा वर्षांनंतर मुलींची मानसिक व शारीरिकदृष्ट्या संपूर्ण वाढ होते. योग्य वयात लग्न केल्यामुळे मुली जबाबदारी पार पाडू शकतात आणि त्या सक्षम बनतात. सक्षम स्त्री ही कुटुंबाचा पर्यायाने देशाची ही भक्कम आधार ठरते. ही बाब पालकांनी कोरोना काळातही लक्षात घ्यावी.

जगलो असेल कदाचित

थोडाफार चुकलो होतो तरी मी थकलो नाही, हारण्याकडे झुकलो होतो तरी मी झुरलो नाही.

पंख सारे पसरून मी स्वप्नांमध्ये उडत होतो, मातीवरच्या धुळीसारखा माती म्हणून घडत होतो.

सग्रेसोयरे हत्यार झाले धार कुणाची सांगू किती, मैदानच कापतं होतं

आता उडणार तरी किती.

कुशीत होतो तेव्हा कधी

आनंदाने जगलो असेल, हारणाऱ्यांच्या दुःखामध्ये दुःख म्हणून बसलो नसेल.

उठलो असेल थोडा काळ जमिनीवरती घेण्या पाय, गर्व माझा सांगू किती मीच मला म्हणतो काय.

पहारेकरी झालो तेव्हा मलाच माझी वाटे भीती, मैदानच कापतं होतं आता उडणार तरी किती.

रक्त माझे मलाच सांगे काळ्या डागाचा अंश आहे,

जिंकण्यासाठी लढू नको हारणाऱ्यांचा वंश आहे.

आभाळ सारं कोपतं होतं थेंब रडतो डोळ्यातून, पंख देवा दिले कशाला मोक्ष दे या दुनियेतून.

स्वार्थासाठी जगत राहिलो बाप करत राहिला शेती, मैदानच कापतं होतं

आता उडणार तरी किती.

घाव पडले छातीवरती काळजाआतून टिचलो मी, पाण्यासारखा वाहत गेलो

लाटेवरती साचलो मी.

कागदावरती गिरवत होते कवितेमध्ये बसताने, जगलो होतो माहीत नाही पुस्तकांमध्ये वाचताने.

श्वास सारा तुटून गेला धडधड मात्र होत होती, मैदानच कापतं होतं

आता उडणार तरी किती.

– कांतासुत (कवी प्रमोद घोरपडे)



विचार तरंग

सब्र रख के तो देख

तू एक बार सब्र रखे तो देख
तो क्या हुआ तू गिर जायेगा
जब तू गिरेगा तुझे चोट भी बड़ा गेहरा आयेगा
उस गहरे चोट से तुझे दर्द भी बड़ा होगा
अरे तू गिरने से डरता है एक बार उठके तो देख
अरे तू जलने से डरता है एक बार खुद के अंदर चिंगारी लगाके
तो देख
सब ठीक होगा तू सब्र रख के तो देख ...॥1॥
तो क्या हुआ दिल टूटेगा
जब दिल टूटेगा तो तुझे रोना भी बहुत आयेगा
अरे तू दिल टूटनेसे डरता है
एक बार दिल लगाके तो देख
सब ठीक होगा तू सब्र रख के तो देख ...॥2॥
तो क्या हुआ तू हारेगा
जब तू हारेगा तुझे दुख भी बहुत होगा
अरे तू हारनेसे डरता है
एक बार हरने का मजा लेके तो देख

सब ठीक होगा तू सब्र रख के तो देख ...॥3॥
तो क्या हुआ अभी तू अँधेरे में है
जब तू अँधेरे में होगा तुझे कुछ दिखाई भी नहीं देगा
अरे तू अँधेरे से डरता है
एक बार खुद के अंदर रोशनी भर के तो देख
सब ठीक होगा तू सब्र रख के तो देख ...॥4॥
तो क्या हुआ तू लोगो से डर है तो
जब तू लोगो से दूर होगा तू किसी से बात करने का मन भी
नहीं होगा
अरे तू लोगो से डरता है
एक बार खुद से प्यार करके तो देख
एक बार खुद से दोस्ती निभाके तो देख
सब ठीक होगा तू सब्र रख के तो देख
सब्र रख के तो देख ...॥5॥

Akansha Murnekar
T.Y. B.Com

नवीन शैक्षणिक धोरण: एक दृष्टीक्षेप

नंदीता अत्रे
T.Y.B.Sc

विद्यां ददाति विनयं
विनयाद् याति पात्रताम् ।
पात्रत्वात् धनमान्पोति
धनात् धर्म ततः सुखम् ॥

अर्थात विद्येमुळे विनय प्राप्त होतो. विनय आपल्याला पात्रता प्राप्त करून देतो. त्या योग्यतेने प्राप्त केलेली संपत्ती व त्या संपत्तीचा योग्य रितीने केलेला विनियोग आपल्याला सुख देतो. विद्येचे, ज्ञानाचे महत्त्व किती सुंदर शब्दात विशद केले आहे.

नव्या शिक्षण व्यवस्थेकडून म्हणजेच नवीन शैक्षणिक धोरणव्यवस्थेकडून माझी सगळ्यात मोठी अपेक्षा हीच की टक्क्यांचा पाऊस पाडणारी व्यवस्था नको. टक्के महत्त्वाचे आहेत ना! पण किती? आज टक्केच सर्वस्व झाले आहेत. नव्वद, पंच्याणव पर्यंत ठीक होते पण शंभर टक्के! कसे काय? पण आहे बाबा आमच्या शिक्षण व्यवस्थेत शक्य! मग विद्यार्थी देखील फक्त परीक्षेपुरता अभ्यास करतात. मग कसं हो जीवनात सुख लाभेल ?

टक्क्यांवर आधारित नको मग कशी हवी शिक्षण व्यवस्था? तर कौशल्यावर आधारित हवी. आता विज्ञानाच्या बाबतीत सांगायचे झाले तर प्रयोगातून निष्कर्ष काढण्यात, निरीक्षणे नोंदवण्यात विद्यार्थी तरबेज झाले पाहिजेत. वास्तव भीषण आहे आमचे 'हुशार' विद्यार्थी निरीक्षणे व निष्कर्ष पाठ करतात हो! 'धोका आणि ओका'चा विजय असो! अरे उपकरणे काय पुजेसाठी मांडली आहेत का? अशा शिक्षणाला काय अर्थ आहे? पण जास्तीत जास्त विद्यार्थींना प्रयोगाची गोडी लावायची म्हणजे तेवढी उपकरणे हवी व ती सर्व शाळांना परवडणारी नाहीत हे वास्तव स्वीकारायला हवे. पण मग शाळांनी संघ तयार करून उपकरणे वापरावी व

देवाण-घेवाण करावी.

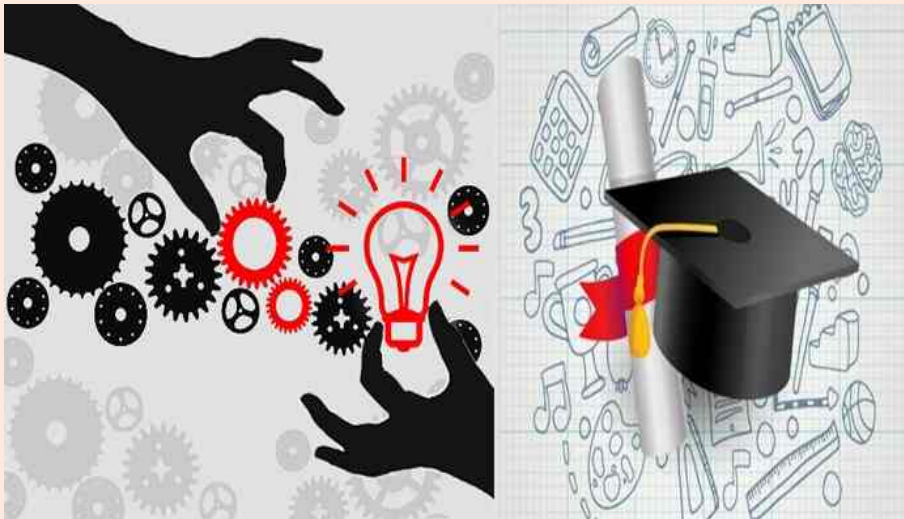
जसे विज्ञानाच्या बाबतीत प्रयोगशीलतेचे महत्त्व तसे भाषेच्या बाबतीत अवांतर वाचनाचे, लिखाणाचे महत्त्व. पण आम्हाला दहा गुणांचा निबंध लिहिताना घाम फुटतो हो! कारण आम्ही धड पुस्तकही वाचलेले नसते. अभिजात साहित्य कधी वाचणार. पण हे वास्तव बदलले पाहिजे. नवीन शैक्षणिक धोरणात भाषा व्यक्त होण्याचे माध्यम म्हणून हव्या, विषय म्हणून नव्हे.

नवीन शैक्षणिक धोरणात विषय निवडीचे स्वातंत्र्य आहे हे एक बरे आहे. नको असलेला पदार्थ किती वेळा पानात वाढाल? नुसते असून काय उपयोग वास्तवात मिळणार का? कारण 'आपल्याकडे सोय नाही' असे म्हणून शाळा 'विषयच' मिटवतात. मग काय असुनी नाथ मी अनाथ. तर शाळांनी विद्यार्थींना हवे असलेले विषय उपलब्ध करू द्यावे.

हे झाले शिक्षणव्यवस्थेचे पण शिक्षक व पालकांचे काय? काळजी नसावी रणजीत डिसले गुरूजींनी हे दाखवून दिले आहे की संपूर्ण जगावर ठसा उमटवण्याची ताकद या देशातील शिक्षकांमध्ये आहे. आणि पालक? गेल्याच वर्षात घडलेली घटना राधन्या नावाच्या तीन वर्षांच्या मुलीने अवघ्या साडेतीन मिनिटात खगोलशास्त्रातील पंचेचाळीस प्रश्नांची उत्तरे देऊन विश्वविक्रम केला. ही घटना हेच दर्शवते की मुलांना शिक्षणाची, ज्ञानाची आस आहे. अन् पालकांना मुलांना घडवण्याचा ध्यास आहे.

नवीन शैक्षणिक धोरण व्यवसायभिमुख शिक्षण देऊन आत्मनिर्भर

होण्याची पात्रता विद्यार्थींमध्ये निर्माण करेल व आयुष्यात येणाऱ्या समस्या सोडवण्याची क्षमता प्रत्येकात निर्माण करेल असा मला विश्वास वाटतो.



नवीन शैक्षणिक धोरण-अपेक्षा आणि वास्तव

रोहन रविंद्र कोळी

M.Sc.-II (Chemistry)

ज्या दिवशी १० वी बोर्डाचा निकाल लागला आणि आपल्याकडची ९५% मुले पास झाली. २०० पेक्षा जास्त मुलांना १०० पैकी १०० टक्के मिळाले. अशाच दिवशी केंद्रीय पातळीवर आपली शैक्षणिक धोरणच बदलली आणि १० वी १२ वी बोर्डाच महत्त्व कमी झालं. कसा योगायोग आहे ना. काहीही कळत नसताना आपण सर्व शाळेत जातो ते ठीक आहे, पण शाळेत गेल्यानंतर सुद्धा कित्येक वर्षे आपल्याला काहीच कळत नसत हे वाईट आहे ना आणि आपल्याला काही कळत नाही हे कळायला आपल्याला खूप वर्षे लागतात. नव्या शिक्षण धोरणातून हा उशीर टळेल अशी अपेक्षा आहे आणि त्यामुळेच कस्तुरीरंगन समितीचा अहवाल काय आहे हे आपण जाणून घेतलं पाहिजे.

स्वतंत्र भारताच्या इतिहासातील हे तिसरे शैक्षणिक धोरण आहे. यापूर्वी १९६८ आणि १९८६ अशा दोन वेळा तत्कालीन सरकारने शैक्षणिक धोरण घोषित केली आहे. त्यानंतर सुमारे ३४ वर्षांनी हे धोरण आले आहे. हे धोरण भारतीय शिक्षण क्षेत्रासाठी मैलाचा दगड ठरू शकते, अशा प्रकारे अमुलाग्र बदल यात सुचवलेले आहेत. तरी त्याचे काही सकारात्मक परिणाम महत्त्वाचे आणि दुरगामी असणार आहेत. केजीपासून लाखो रुपये शुल्क आकारून पालकांना लुटणाऱ्यांचे दुकान बंद होऊ शकेल अशी अपेक्षा आहे. इंग्रजीच्या भयगंडामुळे शिक्षणात मागे पडणाऱ्या मुलांना वरदान ठरणारा आहे. आणि समृद्ध हिंदूस्थानी प्राचीन भाषांना संजीवनी देणारा हा निर्णय आहे. देशपातळीवर छत्रपती शिवाजी महाराज, एकही युध्द न हरलेले पहिले बाजीराव पेशवे, राणा प्रताप, डॉ. बाबासाहेब आंबेडकर, महात्मा गांधी, लोकमान्य टिळक, श्रीराम, श्रीकृष्ण, सातवाहन, विजयनगर, मौर्य आदी साम्राजांचा वैभवशाली इतिहास यापुढे शिकवला गेला पाहिजे. राज्य पातळीवरही आपले संत, ज्ञाशीची राणी, छत्रपती शाहू महाराज आणि इतर गौरवशाली इतिहास शिकवला जाणे गरजेचे आहे. भविष्यात आपल्या देशाकडे वाकड्या नजरेने पाहण्याचे कुणाचेही धाडस होणार नाही अशी पिढी बनविण्यासाठी हे आवश्यक आहे. त्यामुळे शिक्षणातील बदलाचा निर्णय मुलांना संस्कृती, इतिहास, प्रथा, परंपरा यांची ओळख करून देण्यास उपयुक्त ठरणारा, स्वावलंबी बनवणारा आणि काळानुरूप बदल करणे शक्य करणारा असणार आहे.

सध्या संपूर्ण विश्व कोरोना महामारीने होरपळून निघाले आहे. अशा परिस्थितीत नवीन शैक्षणिक धोरणाचे विशेष महत्त्व वाटते.

महामारीनंतरच्या काळात शिक्षणाचे आणि ज्ञानाचे विकेंद्रीकरण झालेले दिसते आहे. ऑनलाईन साधनांच्या जास्तीत जास्त वापरामुळे शाळा, महाविद्यालये सध्या घरोघरी पोहचली आहेत. विद्यार्थी ऑनलाईन कोर्सद्वारे नवनवीन भाषा, विषय आत्मसात, जे काही थोडे फार सकारात्मक बदल नव्या धोरणाला पूरक असाच आहे. या धोरणात अंतर्भूत असलेल्या बदलांमुळे निर्माण होणारी नवीन पिढी भविष्यात येऊ घातलेल्या 'नवीन आत्मनिर्भर भारताचे' समर्थपणे प्रतिनिधित्व करेल यात शंका नाही.

नवीन शैक्षणिक धोरणातून मातृभाषेत शिक्षणाला प्राधान्य दिले गेले आहे. या धोरणाची मोडामोडी पाहायला गेलं तर दोन भागात आपण पाहू शकतो. एक म्हणजे शालेय शिक्षण आणि दुसरे म्हणजे महाविद्यालयीन शिक्षण. १) शालेय शिक्षणामध्ये एवढे वर्षे सुरू असलेला १०+२ हा प्रकार आता नसेल, इथून पुढे ५+३+३+४ अशी संरचना येणार आहे. मुख्य म्हणजे ३ ते ५ वयोगटातील शिशुंना देखील आता औपचारिक शिक्षणात अंतर्भूत केले जाणार आहे. म्हणजेच बालकाच्या विकास प्रक्रियेत बालवाडीचे शिक्षण मोलाची भूमिका बजावू शकते. या आधी बालवाडी शिक्षणाबाबत अनेक अहवाल सादर झाले असले तरी पुरेशी आर्थिक तरतुद मात्र नव्हती. मात्र शिशुंना आपैपचारिक शिक्षणाच्या प्रवाहात आणण्याची तरतुद हे या धोरणाचे महत्त्वाचे वैशिष्ट्ये आहे. आज वर ज्या १२वी बोर्ड परीक्षेचा बाऊ केला जात असे ती बोर्डाची परीक्षेच महत्त्व कमी करण्याची भूमिका योग्यच आहे. शिवाय अकरावी-बारावीला सध्या असलेली शाखानिहाय रचना बदल्याची सुचना अगदी स्वागताह आहे. त्यामुळे विद्यार्थ्यांना अधिक विषयांचे पर्याय उपलब्ध होऊ शकतील. दुसरा मुद्दा म्हणजे २) महाविद्यालयीन शिक्षण विद्यार्थ्यांच्या रूचीनुसार ते विषयाची निवड करू शकतील. नवीन शैक्षणिक धोरणाचे प्रमुख वैशिष्ट्य म्हणजे इंटर-डिसीप्लिनरी शिक्षणावर भर देण्यात आला आहे. उच्च शिक्षण संस्थांनी इंटर-डिसीप्लिनरी बनण्याचे ध्येय बाळगावे, तसेच संस्थामध्ये विविध विषयांसाठी तयार केलेल्या पायाभूत सुविधांना पुरेपूर न्याय मिळवण्यासाठी हळूहळू विद्यार्थीसंख्या देखील वाढवण्यात यावी असे हे धोरण सांगते. दुसरे म्हणजे, या धोरणान्वये स्नातक अभ्यासक्रम चार वर्षांचा करण्यात आला आहे. पहिल्या वर्षानंतर प्रमाणपत्र, दुसऱ्यानंतर पदविका, तिसऱ्या नंतर पदवी आणि चौथ्यानंतर संशोधकनात्मक पदवी अशी वर्गवारी करण्यात आली

आहे. त्यात वेळोवेळी बाहेर पडण्याचे पर्याय उपलब्ध ठेवले आहेत. पदवी शिक्षण अर्धवट राहिल्यास ते केव्हाही पूर्ण करण्याचा मार्गही आहे. या पर्यायाने उच्च शिक्षण बऱ्याच कारणांनी अर्धवट राहणाऱ्या महिलांना दिलासा मिळणार आहे. एम. फील. ही पदवी गाळली गेली आहे. तसेच विविध क्षेत्रांत संशोधनाला उत्तेजन देण्यासाठी नॅशनल रिसर्च फाउंडेशनची स्थापना करण्यात येणार आहे.



शिक्षक. विद्यार्थी घडवण्यासाठी सर्वात महत्त्वाचा घटक म्हणजे शिक्षक आणि या धोरणामध्ये 'Teachers must be passionate. motivated and well qualified' अशी अपेक्षा आहे. ते का होत नाही, ते कसं बदललं गेलं पाहिजे याची सुद्धा कारण या धोरणामध्ये आहेत. सध्या देशाची अवस्था अशी झालीये की जवळपास १० लाख जागेवर शिक्षकच नाहीत. जे शिक्षक आहे

व्यक्तिमत्त्वाची जडणघडण प्रामुख्याने शालेय जीवनातच होते. जगाच्या रहाटगाडग्यात उभे राहण्याचे बळ देणारे माध्यम म्हणजे शिक्षण संस्था. आपला भारत आदिवासी, ग्रामीण आणि शहरी भागात विभागलेला आहे. आदिवासी व ग्रामीण भागातील विकासात पायाभूत सुविधा मुबलक प्रमाणात असतात. याच सुविधांची कमतरता अडथळ्यांचे काम करीत असतात. याच सुविधांची कमतरता अडथळ्यांचे काम करीत असतात. या सुविधांची कमतरता छोट्या शिक्षण संस्थाना मोठ्या प्रमाणात जाणवते. येथील मुलांमध्ये परंपरागत कौशल्याचे ज्ञान अफाट असते, परंतु त्या ज्ञानाला योग्य व्यासपीठ मिळाले नव्हते. या नवीन शैक्षणिक धोरणाने ग्रामीण भागाचा उच्चांक वाढणार आहे. तसेच ग्रामीण भागातील मुलांच्या सामाजिक जाणिवेचा व्यापक असतात. आजच्या काळातही त्यांची नीतिमूल्ये टिकून आहेत. अशी ही मुले खऱ्या अर्थाने राष्ट्रनिर्मितीमध्ये महत्त्वाची भूमिका बजावू शकतील. हे नवीन शैक्षणिक धोरण राष्ट्राच्या उद्वारासाठी पुरक आहे. छोट्या शिक्षण संस्था नक्कीच खारीचा वाटा उचलतील असे संकेत दिसत आहे. एक फार महत्त्वाचा मुद्दा या धोरणामध्ये दिसून आला तो म्हणजे बालवयातच मुलांना नीतिशास्त्राचे धडे गिरवण्याचा. काय बरोबर, काय चूक एखादी गोष्ट मी केली तर त्याचे परिणाम काय होतील. हे करणं योग्य आहे का असा विचार करण्याची अगदी लहान वयातच सवय होईल असे मूल्ये शाळेपासूनच शिकवले जातील असं या धोरणात अधोरेखित केलं गेलयं. सध्याच्या काळात याची अत्यंत गरज आहे नाही का ?

या धोरणाची अंमलबजावणी करण्याआधी समाज सुद्धा तसा असला पाहिजे. विद्यार्थीपेक्षा पालकांची मानसिकता जर बदलली गेली तर खऱ्या अर्थाने हे नवीन धोरण क्रांतीकारी ठरेल. दुसरा मुद्दा म्हणजे

त्यांना शिकवण्याच काम सोडून त्यांना मतदानाच्या दिवशी निवडणूक कर्तव्य बजावण्याची जबाबदारी देण्यात येते किंवा वेगळ्या अतिरिक्त कामाचा भार देण्यात येतो. शिक्षकांना धड पगार सुद्धा मिळत नाहीये. म्हणजे शिक्षक होण्यापेक्षा शेतकरी होतो. आपली शेती करतो अशी मानसिकता हजारो शिक्षकांची आहे. तिसरा मुद्दा म्हणजे मातृभाषेत शिक्षणाचा- शक्य असेल तिथं मातृभाषेत शिक्षण द्या असं या धोरणात म्हटलं आहे. आपल्या सभोवताली हल्ली प्रत्येक गल्लीमध्ये २ पेक्षा जास्त इंग्रजी माध्यमाच्या शाळा आहेत अशी सध्याची अवस्था आहे. त्या शाळा बंद होणे शक्य आहे का ? पुन्हा तोच मुद्दा येतो की, पालकांना स्वतःला इंग्रजी येत नसताना सुद्धा मुलांना इंग्रजी माध्यममध्ये घालण्याचा हट्ट असतो. माझा पाल्य इंग्रजी फाड-फाड बोलला पाहिजे हे पालकांना वाटणं स्वाभाविक आहेच. पण असे अनेक मुलं जे इंग्रजी माध्यममध्ये शिकलेली आहे. त्यांच्या नंतर सुद्धा त्यांना मातृभाषा तर धड येत नसते पण इंग्रजी सुद्धा सुमार असत. आज मातृभाषेचा आग्रह धरणाऱ्या अनेक नेत्यांची मुलं इंग्रजी माध्यम मध्ये शिकत आहेत. या मुद्यात खरंच आपल्याला परतीचे मार्ग राहिलेत का हा प्रश्न वेगळाचं, तसेच शैक्षणिक फी सुद्धा संस्था चालकांना परवडणारी आहे की नाही यावरून शाळेची फी ठरते ही आत्ताची सत्यस्थिती आहे. महागाई सारखी कारण देऊन लाख-लाख रुपये फी पालकांकडून घेतली जात असेल तर यावर कोणाच नियंत्रण. पुन्हा एकदा यामध्ये राजकीय ईच्छा शक्ती कितपत असेल ही शंका आहे. कारण संस्था आणि राजकारणी यांचे संबंध आता नव्याने सांगायची गरज नाही. तसेच संस्कृत भाषेच्या मूल्यांचा आधार घेऊन धोरणामध्ये फार चांगली दिशा दाखवली गेली आहे.

अर्थात या क्रांतीकारक नवान शैक्षणिक धोरणाची अंमलबजावणी प्रभावीपणे होणे अत्यंत महत्त्वाचे आहेत.

साहित्य, भाषा आणि समाज

वैष्णवी राजेंद्र येरडोणी

T.Y.B.Sc. (Physics)

विचार केला की असा प्रश्न पडतो, "भाषेचा उगम कसा झाला असेल?" खरं तर हा प्रश्न पडतो बऱ्याच जणांना, पण ह्याचा उत्तर शोधण्यासाठी मात्र खूप कमी जण प्रयत्न करतात. अनेक साहित्यिक ह्या प्रश्न उत्तर शोधण्यासाठी आपले आयुष्य पणाला लावतात. पण उत्तर काही गवसत नाही.

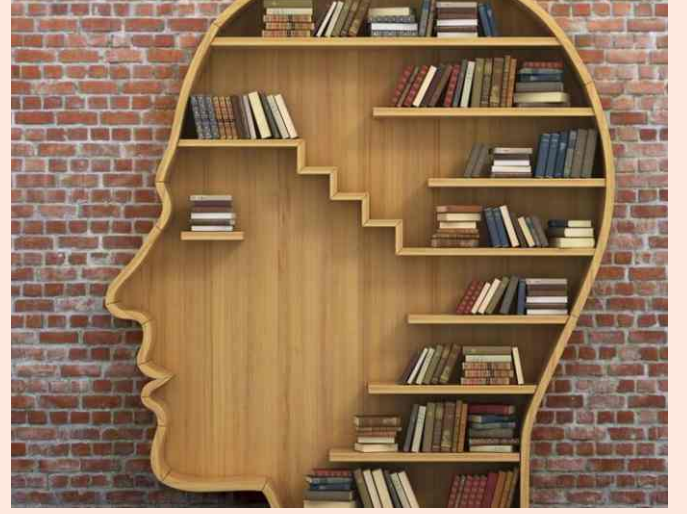
भाषा म्हणजे माणसांनी एकमेकांशी संवाद साधण्याचे माध्यम. अशा अनेक भाषा, त्यांचे उगम कसे झाले? कुठे झाले? हे सांगणाऱ्या अनेक आख्यायिका आहेत, आज जगाच्या पाठीवर शेकडो भाषा बोलल्या जातात. त्या उलट लुप्त झालेल्या सुद्धा अनेक भाषा आहेत, त्यातलीच जवळ जवळ लुप्त झालेली भाषा म्हणजे संस्कृत.

'संस्कृत' ही हिंदूंची पवित्र भाषा, देवभाषा अशा अनेक नावांनी प्रसिद्ध आहे. पण ही भाषा बोलणारे किती जण असतील? ह्या भाषेत संवाद साधणारे, ह्या जगात कोणी उरले तरी असतील का?

शाळांमध्ये संस्कृत ही भाषा पर्याय म्हणून शिकवली जाते. आणि मुले सुद्धा का निवड करत असतील? तर गुण चांगले मिळतात म्हणून!

पण आवड म्हणून, आपली एके काळची भाषा जपावी म्हणून, खूप कमी जण निवड करतात. संस्कृतची निवड करणे, म्हणजे एक तर कमीपणाचे मानले जाते. नाही तर वैताग तरी मानले जाते. अशी अनेक जण आहेत, जी संस्कृतला अतिशय कठिण, क्लिष्ट समजून, तिची निवड करत नाही, पण त्याच वेळी 'फॉरेन'ची भाषा यावी म्हणून, 'मॅडेरिन', 'जापानी' अशा कठीण भाषांची निवड करतात. ह्याचमुळे जी भाषा देवभाषा, पवित्र भाषा म्हणून ओळखली जाते, तीच भाषा लुप्त होत आहे, नष्ट होत आहे.

आपण संध्याकाळी आपल्या लहानग्या भावंडांना मुलांना परवचा म्हणायला शिकवतो. पण जेव्हा ती छोटी मुले, आपल्याला त्या श्लोकांचे अर्थ विचारतात तेव्हा आपली भंबेरी उडते, कारण 'गणपती स्त्रोत', 'रामरक्षा', 'अर्थर्वशीर्ष' असे आपले नेहमीच श्लोक संस्कृतात आहेत. आणि लहानपणी पासून आपण ही नुसते श्लोक म्हणत आलो, कधीच त्यांचे अर्थ शोधण्याचा घ्यायचा प्रयत्नच नाही केला. श्लोक पाठ केले, रोज म्हणले, आणि जसे मोठे झालो तसे त्यांना विसरून देखील गेलो आणि आता पुढची पिढी ही तेच करणार आणि हळूहळू तर लोक श्लोक म्हणणं विसरून जातील. संस्कृतची जे निवड करताता, त्यांना आणि त्यांनाच संस्कृतच सौंदर्य कळू शकतं.



संस्कृतात समृद्ध वाङ्मय आहे. कविता, लेख, ग्रंथ, आख्यायिका, भाषणे, नाटके, सुभाषिते असे किती किती आणि काय काय आहे. लेख, ग्रंथ इत्यादी, हे सगळं जर वाचायचे म्हणले ना तर संपूर्ण जन्म अपूरा पडले. कालिदासाचे शाकुंतल, कुमारसंभव, मालविकाग्निमित्रम, मेघदूत, चतुर्वेद, महाभारत, वाल्मिकीचे रामायण असे असंख्य कवींचे, असंख्य नाटककारांचे वैविध्यपूर्ण आणि लक्ष खिळवून ठेवणारे सुंदर साहित्य. आणि हे तर फक्त झाले संस्कृतचे, अशा किती तरी भाषा आहेत आणि त्यामध्ये अमर्याद असे साहित्य आहे. आणि जर आपल्याला भाषाच येत नसेल तर आपण ह्या सगळ्याचा उपभोग तरी कसा घेणार आणि मग भाषा कशी जपणार?

मुळात आजच्या 'भ्रमणध्वनी'च्या काळात, मराठी आणि इंग्रजी साहित्य कोणी वाचायला जात नाही. मग कुठली तरी वेगळीच भाषा शिकून, मग त्यातले साहित्य वाचायला कोण घेणार?

समाजाचा वाचन आणि भाषा या बदलचा दृष्टीकोनच बदलला आहे. 'भाषा' हे संवादाचे माध्यम आहेच, पण जेव काम करून, कष्ट उपसून, क्षीण येतो, तेव्हा तीच भाषा, वाचन, कविता, नाटक या माध्यमातून मनोरंजनाचे देखील साधन बनते, खरं तर बनायची म्हणायला हरकत नाही, मुळात आजकाल कंटाळ आला कोणी पुस्तके वाचत नाही. खरं तर अनेक जणांना वाचनाचा कंटाळा येतो. मग आपला प्रिय भ्रमणध्वनी असतोच. त्यावर खेळ खेळले, 'फेसबुक' काही 'लाईक' केले की गेला कंटाळा. पुस्तके, साहित्य कशाला हवी आहेत?



हा जवळ जवळ सगळ्यांचाच दृष्टीकोन असतो, आणि जे मोजके लोक आहेत जे भाषा अभ्यासतात किंवा साहित्याचा वसा जोपासतात, त्यांच्याकडे 'विचित्र' किंवा 'माणूसघाणा' म्हणून पाहिले जाते.

आणि जर कोणी म्हणलं की मला इंग्रजी येत नाही, मग झालंच. मग जरी ती व्यक्ती कुठल्या तरी इतर भाषा अथवा विषयाची पंडीत जरी असली लोक त्या व्यक्तीला अशिक्षितच मानतात. आजच्या जगात इंग्रजी आलं की जगातलं सगळं काही येतं अशी संकल्पना झाली आहे. भाषा कुठलीच वाईट नसते. पण अमूक एक भाषा आली म्हणजे सगळं आलं आणि जून्या लूस भाषेची आवड जोपासणारा व्यक्ती 'विचित्र' ही होत नाही.

लोकांना पुन्हा पुस्तकांकडे वळवणे, त्यांच्या मनात नाटकांची आवड निर्माण करणे गरजेचे आहे. भ्रमणध्वनीच्या अतिउपयोगाने सर्वच वयोगटातील लोकांच्या मानसिक आणि शारिरीक वाईट परिणाम होत आहे. म्हणूनच लोक जर पुन्हा भाषेकडे, साहित्याकडे वळले, जर पुन्हा नाटकांमध्ये संगीतामध्ये रूची निर्माण झाली तर लोकांचे आरोग्य ही जतन होईल आणि भाषेचे आणि साहित्याची समृद्धता ही वाढले.

समाजाचा दृष्टीकोन बदलणे आताच्या जगात कठीण झालंय. सर्वच पालक आपल्या पाल्याला इंग्रजी माध्यमातून घालू इच्छितात, आणि ह्यामुळे महाराष्ट्राची मायभाषा मराठीकडे दुर्लक्ष होत आहे आणि ह्या दृष्टीकोनाचा जन्म होतो, की इंग्रजी माध्यमातून शिकलेली मुले जास्त हुशार आणि मराठी माध्यमातून शिकलेली मुलं ही सर्वसाधारण.

हा दृष्टीकोन तेव्हाच बदलू शकतो, जेव्हा सर्वांचे शिक्षण, हे ज्या त्या राज्याच्या मायभाषेत होईल. महाराष्ट्रात मराठी, कर्नाटकात कानडीतून ई., आणि इंग्रजी ही पर्यायी भाषा असेल. नाही भाषा वाईट नसतेच, आणि हा सुद्धा मुद्दा बरोबरच आहे की इंग्रजी आली पाहीजे, कारण जग इंग्रजीतून चालते, पण ह्याचा अर्थ असा होत नाही की स्थानिक भाषांचा दर्जा दुय्यम असतो.

मग ह्यामध्ये बदल कसा करता येईल? अनेक पालक, आपल्या मुलांना, आपण व्यस्त आहोत म्हणून भ्रमणध्वनी देऊन टाकतात. त्याच ऐवजी त्यांच्या हातात छोटी पुस्तके द्या. फक्त इंग्रजीच नाही तर मराठी व इतर स्थानिक भाषातील देखील पुस्तके द्या, अथवा वाचून दाखवा. जमलच तर संस्कृतशी ओळख करून द्या. स्वतः

शिका, पुढच्या पिढीत देवभाषेचे बीज लावा. ह्याने स्थानिक भाषा, संस्कृत, इंग्रजी ह्या भाषांची आवड निर्माण होईल. आणि वाचनाची सुद्धा आवड निर्माण होईल. आणि भ्रमणध्वनीचा उपयोग फक्त अभ्यास आणि संपर्कापुरता राहिल. अनेक देश आपली भाषा जपून, त्याच भाषेत शिक्षण पद्धती चालवून वर इंग्रजी फक्त व्यवहारापुरती शिकवतात.

आज भारतातील, फक्त मंगळूर ह्या छोट्या गावात व्यवहाराचीच भाषा संस्कृत आहे. तेथे सर्वच वृद्ध, मुलेबाळे, तरुण, अगदी सगळेच संस्कृत मध्येच बोलतात. देशात अन्य कुठेच व्यवहारात ही भाषा वापरली जात नाही.

तसे आपल्या इतर भाषा, जसे की मराठी, हिंदी बाबतीत होऊ देऊ नका. वेळ आहे तोवर भाषा जपा, त्यांचे संवर्धन करा. लुप्त भाषांचे पुनर्जीवन करण्यासाठी आपले छोटेसे का होईना योगदान द्या.

भाषेला आपण समाजाचे प्रतिक म्हणू शकतो. समाजामधील लोक, त्यांची बोलण्या-चालण्याची पद्धत ह्याचा भाषेवर परिणाम होतो. मराठी तर एकच भाषा असली तरी त्याचे किती तरी प्रकार दिसून येतात!

शब्द हे तलवारीपेक्षा जास्त जखमी करून शकतात, आणि विचार करून वापरलेले शब्द, एखाद्याचे आयुष्य घडवू शकतात. म्हणजे समाजाचा भाषेवर परिणाम होतो, तसाच भाषेचाही समाजावर परिणाम होतो. आपण जशी भाषा बोललो, तशीच आपली वर्तणूक आणि तसेच आपले चारित्र्य.

भाषेचा जसा विकास होतो, तसाच माणसांमध्ये होणाऱ्या संवादाचा विकास होईल. विचारांची देवाण-घेवाण परिपक्व होईल. मग अशीच प्रगल्भ विचारसरणी असलेल्या माणसांमुळे समाज प्रगतीशील भविष्याचे सत्य ठरेल.

विचार जसे विकसित, तसेच त्या विचारांचे प्रतिबिंब म्हणून निर्माण होणारे साहित्य हे प्रगत, उन्नत आणि सुंदर असेल. हे असे साहित्य वाचून, ऐकून घडणारी पिढी सुद्धा प्रगती पथावर अग्रेसर असेल, हीच पिढी देशाचे भविष्य घडवेल. देश नवीन शिखरे पादांक्रांत करेल. संस्कृत, मराठी आणि आपल्या अशा इतर भाषांचे संवर्धन करा, सोबत नवीन भाषा शिका. नवनवीन साहित्य वाचा, नाटके बघा, गाणी ऐका. आपले भविष्य घडवाच, सोबत समाजाचे सुद्धा चांगले होईल ह्यासाठी कार्यरत राहा!

साहित्य समाजाचा आरसा...!

शिवानी अनिल कांबळे

F.Y.B.A. (मराठी माध्यम)

“नमो मायभूमी जिथे जन्मले मी...

नमो भारतभूमी जिथे वाढले मी...

नमो कर्मभूमी जिथेच्याच कामी...

पडो देह माझा नमामि नमामि”

परमपवित्रा अशा माझ्या मातृभूमीला पहिल्यांदा माझा नमस्कार भारताच्या पुण्यभूमीत माझा जन्म झाला हे माझं खूप मोठं भाग्य आहे. परमेश्वरानं जर पुढे जाऊन मला कधी विचारलं तुला पुढचा जन्म मी कोठे देऊ तर त्या परमेश्वराला मी एक लाख वेळा बजावून सांगणार- ज्या देशाला आई मानलं जातं, ज्या भारतात आई-वडील आणि गुरुजनांना देव मानलं जातं, ज्या भारतात साहित्य हा इथल्या समाजाचा आरसा ठरतो अशा भारतात एक देशाभिमाना, एक कट्टर राष्ट्राभिमाना व एक अखंड साहित्यावर प्रेम करणारी अशी साहित्यप्रेमी म्हणून मला पुन्हा-पुन्हा जन्माला घाल.

खरंतर साहित्य विश्वात डोकावता असं लक्षात येईल की मुळात साहित्य आणि समाज हा कायमच लेखकांच्या अभ्यासकांच्या चिंतनाचा अभ्यासाचा विषय ठरत आलेला आहे. खरंच साहित्य त्या समाजाचा आरसा असतो या वाक्याचा जर नीट विचार केला तर डॉ. नागनाथ कोतापळे यांचं साहित्य आणि समाज या सदरलेखन संग्रहातील सारावर एक दृष्टिक्षेप प्रकर्षाने टाकणं मला फार गरजेचं वाटतं ते म्हणजे- साहित्य निर्मितीमधील आणि साहित्य व्यवहारामधील समाज हा अत्यंत महत्त्वाचा आणि अचल असा घटक असतो. त्या-त्या काळातील समाज जसा असतो त्याप्रमाणे त्या काळातील साहित्य आणि साहित्यव्यवहार हा त्यानुरूप आकार धारण करत असतो.

आज २१वे शतक अर्थात वैज्ञानिक युग- तंत्रज्ञानाचं डिजिटल असं एक नवं पर्व सुरू असूनही अखंड विश्वात साहित्याची एक वेगळीच छाप आपणास पहावयास मिळते. आज ते आपल्या सर्वांच्याच जीवनातील एक अविभाज्य भाग आहेत. यात काही शंकाच नाही. समाज जीवनाचे, समाज मनाचे प्रतिबिंब साहित्यात उमटलेले असते. किंबहुना साहित्य हा त्यांचा आरसा असतो. असं स्पष्ट विधान आपणास साहित्य आणि समाज या पुस्तकाचा डॉ. प्रदीप पाटील यांनी केलेल्या प्रास्तावनेत आढळून येतो आणि मुळात त्यातून समाजाचा चेहरा दिसणे हे स्वभाविकचं. तसंही नाण्याला जशा दोन बाजू असतात, तशाच समाजाच्याही दोन बाजू असतात. आणि त्या प्रतिबिंबित करणं हे एक प्रकारे साहित्याचं काम ठरतं. आणि अर्थात यामुळेच समाज हा घडत असतो. आणि साहित्य हे एकप्रकारे समाजाचंचं देणं आहे. दोघेही कुठे ना कुठे

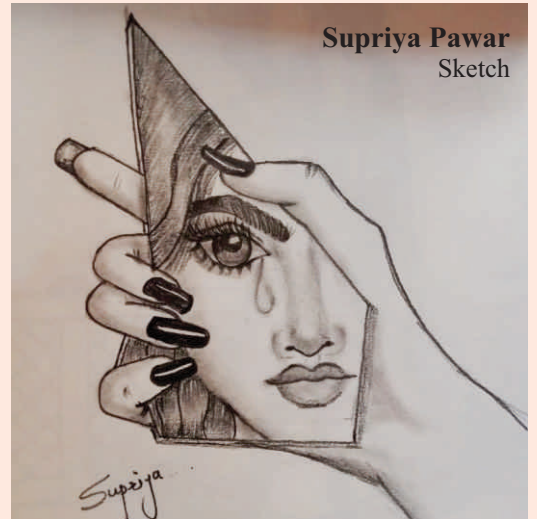
एकमेकांवर आधारलेले आहेत. साहित्याची बरीच अंगे आपण पाहू शकतो त्यातलचं एक आणि सर्वात महत्त्वाचं अर्थात लेखन. साहित्यनिर्माता ज्याच्या उदरी हे साहित्य घडतं ज्याची योग्यरितीने-वाणीने-लेखणीने सांगड घातली जाते. खरं तर लेखक हा एक माणूसच असतो. तसही लेखक आणि माणसात एक विशिष्ट असा फरक तो म्हणजे माणूस हा पुस्तकं वाचतो आणि लेखक हा स्वतः माणूस वाचतो, जेणेकरून तो आपल्या समाजाच्या-संस्कृतीच्या जडणघडणीतला पाया बनू शकेल अशी अनेक माणसे मिळून तर समाज बनत असतो आणि आपल्या साहित्याने घडत असतो. खरंच साहित्य हे माणसातला माणूस घडवण्याचं काम करत असतो. प्रत्येकाला जवळ करत असतो जेव्हा विश्वरत्न डॉ. बाबासाहेब आंबेडकर यांना समाजाने नाकारले तेव्हा साहित्यसंपेदेनेच त्यांना जवळ केले. त्याचे परिणाम म्हणून आज आपण लोकशाही पद्धतीने जीवन जगत आहोत, साहित्यसंपदेतून विचारांची देवाण-घेवाण करत आहोत. एक माणूस या भारत देशाचा एक नागरिक म्हणून आपण आपली साहित्य-संपदा जपली-राखली पाहिजे, ती वाढवली पाहिजे. महामानवांचे विचार जोपासत अखंड भारत घडवला पाहिजे. खऱ्या अर्थी साहित्य हा समाजाचा आरसा ठरत असतो आणि याचं आरशात पाहत आपण आपला भारत देश नटवला-थटवला पाहिजे. शेवटी इतकंच-

“मी चालले शोधण्यास मला,

सूर्य दिवसा तर चंद्र रात्री उगवतो

दोघेही येणार का एकत्र प्रकाश प्यायला,

अशक्य ते शक्य करून मीही शोधणार स्वतःला”



Supriya Pawar
Sketch

Slow Down Life

Poonam Biswas
M.Com

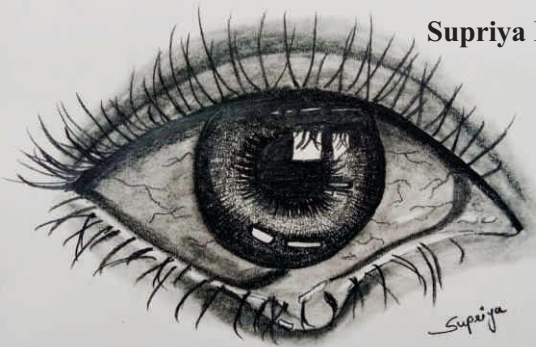
Slow down Life, some debts are yet to be paid..
Some pain is to be eradicated..
Some duties are yet to be fulfilled..
Some got upset, some were lost moving at your speed..
The upset ones are yet to be cheered..
The cried ones are yet to be laughed..
Some journeys are still incomplete..
Some work must be done..
Wishes that are buried in this heart ..they are yet to be buried..
Some connection were broken off.. some before they were contrived..
The wounds of those finished unfinished relationships needs to be healed..
Go ahead Life..I shall come after you..How could I not?
Slow down Life, some debts are yet to be paid..
Some pain to be eradicated..
Some duties are yet to be fulfilled..

Some days and the other days

Some days we are the dreamers,
The other days we are the doers.
Some days we are the lovers,
The other days we are the healers.
Some days we are the conquerors,
The other days we are the defeators.
Some days we are the dreamy smiles,
The other days we are the teary eyes.
With each day gone, Some other day is born.

Srushti Bhavsar
M.Com, I (Mathematics)

Supriya Pawar
Sketch



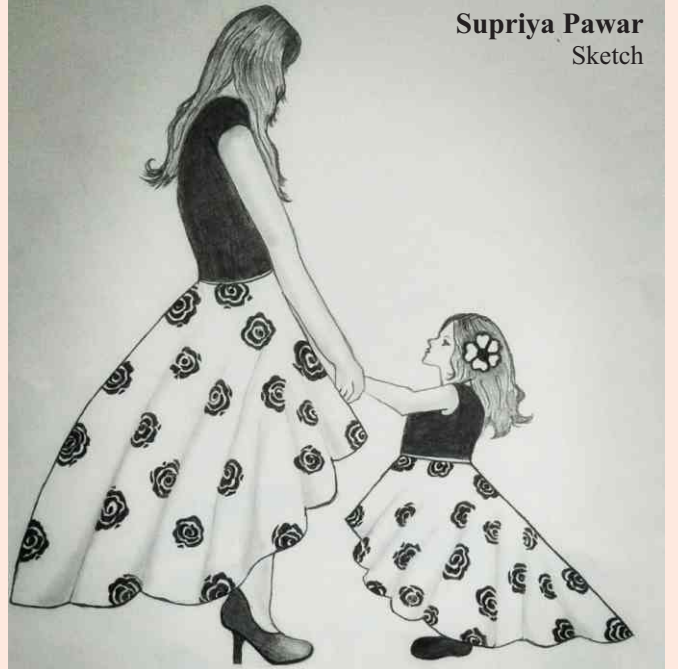
अतुलनीय ती आई

जी स्वतःच आयुष्य त्याग करून आपल्यासाठी जास्त जगत
असते ती आई... जी आपल्याला ऊंच झेप
घ्यायला शिकवत
असते ती आई... जी असंख्य वेदना सोसत
आपली काळजी करत
असते ती आई... जी आपलं समाजात सक्षम
अस्तित्व बनवत
असते ती आई... जी वेळीच कठोर होऊन
आपल्याला घडवत
असते ती आई... जी आपल्याला घडवण्यासाठी
अपार कष्ट सोसत
असते ती आई... जी स्वतः उपाशी राहून आपल्याला
समाधानाचा घास भरवत
असते ती आई... जी आपली स्वप्न पूर्ण करण्यासाठी
सतत झटत
असते ती आई... जी निःस्वार्थ पणे आपल्या
आनंदासाठी जगत
असते ती आई... कोणही न घेई तिची जागा या
जगी म्हणूनच सारे विश्व म्हणे

॥ स्वामी तिन्ही जगाचा आईविना भिकारी ॥

वैष्णवी

Supriya Pawar
Sketch



वंशाची समई

चालु आहे आजकाल, मुलींची हत्या
मिळेल कशी मुलांना, आई किंवा आत्या

गर्भहत्येमध्ये, पुढे आहे लातुर.
दया करा त्या आईवर, ज्या आहेत बाळासाठी आतुर

जन्म देणारी असते, ती खरी आई
तरी मारता कशाला ती वंशाची समई

हवा असतो कसा, माणसांना वंशाचा दिवा
का म्हणता असं, तुम्हाला मुलगाच हवा

मुलगा होऊनही, सांभाळतो का तुम्हाला ?
असते ती मुलगी, जी शिकवते जगायला

डोक्यावर चढवुन, तुम्ही ठेवतात त्यांना माजून
२१ वे शतक आले, तरी चालू आहे हे अजून

कळत नाही तुम्हाला, मुलींची किमया
घराच्या भाग्य असतात त्या समया

गर्भातच नका टाकू त्यांना मारून
जरा थोडस घेतील त्या आनंदाने जगून

लक्षात ठेवा, मुलीचं हे गोड आयुष्य
नक्की उजळ करतील, त्या तुमचं भविष्य

लक्षात ठेवा ती आई, जिने दिला जन्म तुम्हाला
एक मुलगीच म्हणते, जगु द्या आम्हाला!



मिथला मिलिंद चिंचाळकर
M.Sc

IN THE SEARCH OF CONTENTMENT



Every time I found it, it ran away from me
I kept on chasing it, I ran in the search of it. Who
knew what I was chasing was in turn chasing me..
In the search of contentment
Which took me to greater heights
Couldn't see what's behind me
All I could see was a flying kite.
Flying kite that carried hope
Hope that had vision and scope
In the search of contentment
I went on to chase the desire that had left me
hungry. My soul was now a bit angry
I was tired for it had been a long journey
But the journey seemed to be successful..
At the end of the road what I saw was a
mirror. Life then sighed to me
What u have been finding
Was all in here!
I then sighed to life. .What, in the mirror?
Yes it said ... Contentment was within you..
In the search of contentment
I went on discovering myself
I lived the life, which was within me...
Now I can say in the search of contentment
I found the real me!

Arikta Raheja
First Year of Bsc Biotechnology

Glimpse of Women in Manipuri Society

Thiyam Kanchalon Manipur
Manipur State
T. Y. B.A.



In this era of gender equality, breaking stereotypes and women empowerment, the status of women in any given society is in question. Ranging from a highly educated and qualified family to that of a women in rags societal norms and duties has laid down several paths for all. Be it in work, peace, humanity, daily life, a feminine figure is always involved but are, more than often denied of dignity and respect that they deserve.

Rabindranath Tagore said, “women is the builder and moulder of a nation's destiny. Though delicate and soft as a lily, she has a heart, far stronger and bolder as a man”. Women are indeed capable of being emotionally and intellectually good as men. We are all familiar with the names such as Mother Teresa, Malala Yousafzai, Rani Laxmibai, Rani of Jhansi, Begum Hazrat, - Mahal, Sarojini Naidu, etc. for their contribution in shaping today's world. Now let's take a look on how women shape and affects the Manipuri Society.

Manipur wasn't a part of Indian union and only got annexed after signing a Forced Merger Agreement in 1949. Prior to that the state had its fair share of freedom struggles and memorable fierce battles. In 1927 Gaidinliu, aged 13, joined the Heraka movement led by her cousin Haipou Jadomang which aimed to end the British rule and establish Naga Raj. At the age of 16 she became a leader of Guerrilla forces fighting against British rule and urged the people not to pay any taxes (her own version of Non-Cooperation Movement, unlike Gandhi who supported Non-Violence). But she was arrested and sentenced to life imprisonment.

Besides from Gaidinliu and her followers, two major women-led wars broke out in the pre-independence. Manipur which was fought against the colonial rule in 1904 and 1939. It contributed much to the making of a free and a democratic state, bringing about economic

and political reforms. During 1904, male members (aged 17-60) were forced to work for the Britishers for free (for every 10 of 40 days). They were ordered to move to Kabalu valley (now in Myanmar) to fetch timber for rebuilding the British Political Agent's burnt bungalow. The enraged and agitated women protested against the injustice of forced labour. In 1939, economic inflation due to high taxes and excess export of rice by the British Government and Marwari businessman caused second women-led war in the history of Manipur. To this day, every year, 12th of December is observed as “Napi Lam Day”. Though unarmed, thousands of women were resilient, feisty and fought for justice.

The Arms Forces Special Power Act (AFSPA 158) which was imposed in Manipur (from 8th September 1980) declared the state as “disturbed area” and is still in force (been 41 years). Under this act, the state has faced a series of rape cases (minors included), violation of human rights massacres, extra judicial killings etc. Women were abused, tortured, forced to give birth in front of the Indian Army soldiers, murdered, brutally killed etc.

Civilians were killed (fake encounters cases), used as forced labours, schools and churches dismantled, starvation, houses and villages burnt and raided etc.

The rape and murder case of Thangjam Manorama Devi, the 16 year long fast of Irm Chanu Sharmila, the nude protest of 12 mothers (2004) and several other cases weren't reported to the public's knowledge still remain deeply engraved in our minds. The unending protest and agitation against the act is still left unheard.

Coming to the present day scenario, there is active participation of women in all spheres of life. Education, Health care, Politics, Administration, Arts and Culture, Sports, Entrepreneurs, Business, Fashion etc, women are seen in every activities of life. They even represent, not only the state but also the country, on the international platform. MC Mary Kom (boxing), Pukhrambam Sushila Devi (hockey), L. Bombay La Devi (archery), Saikhom Mirabai Chanu (weightlifting) etc are some of the women athletes from Manipur.



Manipur is a patriarchal society, like many Indian states, yet it has the world's only women market in the heart of the capital. The "Ima Keithal " or "Mother's Market", is solely run by women folk of this region of this region. It doesn't mean defying patriarchy but an embodiment of gender equality. Men aren't the only bread makers of a family in this society. The women also earn a steady income by engaging in agrarian activities as well as textiles (hardcore and heirloom). The Meira – Parbis (torch bearers) keep vigil and act as guardians of civil society ; against human rights violation, drug abuse and to prevent public disorder.

But are women being recognised, given their due respect, rights and dignity ? Has sexual and domestic violence

come to an end ? Is uprooting patriarchy the only solution to bring women empowerment and equality to its front ? The idea that women should always be calm and composed has shut our voices, left unnoticed and disregarded. Women are involved in moral policing. Women, often misinterpreted as liberating, fighting against patriarchy. But it doesn't mean fighting against men, but against a system that subjugates women and other gender impairing healthy growth of society, We should strive forward, stand for ourselves, regain our confidence and heroically reclaim our rights as a human and as an individual. Women are mothers, as the saying goes, "The hand that rocks the cradle rules the world" a woman is and always has been a powerful influence in creating and shaping a society.



ASK THE WALL

My mom say it all the time, "My son is so silent. His talks are so small." Well, you asked the wrong person about me, I suggest you ask the wall.

A conversation requires two voices, but two pair of ears too.

If the ears won't listen, The voice will speak to whom?

Then the walls start to peep in, and so do the chairs. The table hears keenly, and so do the stairs.

All find me talkative, Except the one I live with. A conversation need a topic and some attention to pare. But there are few who find it an impossible dare.

The wall never had ears, but still heard it all. So all my 'best friend' essays are dedicated to a wall.

I could throw a ball at the wall, and it bounced the same back to me. But when asked my dad to play with me, he said he wasn't free.

They may say I am sweet, I don't complain at all. But if you want to know my pain, my screams, I suggest go ask the wall.

Loukik Satoskar
F.Y.B.A.

My Heaven, My Dance

One never knew of such a place
Where one could express themselves with such grace
Where troubles and worries are left behind
Where beauty is truly defined
Exploring the subconscious mind
Where peace and satisfaction are what we find
Here Perfection is the only goal
Personifying the conversation of body and soul
Somewhere your imagination increases ten fold
A place whose key only you hold
Somewhere you can smile frown or fret,
A place that Exists until your last breath
As long as it exists inside
The artist in you will never die
Some say you reach this place by chance
But I define it as my heaven, my dance
I close my eyes as I take my stance
I forget myself, I live, I dance....

Jwalanthi Vaishnavi Sundaram
T.Y.B.Sc, Microbiology

आरोग्य मनाचे

प्रा. गायत्री श्रोत्रीय

Chemistry Department

माणसाच्या जीवनामध्ये विचारांना फार महत्वाचे स्थान आहे. विचार करण्याची शक्ती निसर्गाने फक्त माणसाला मुक्त हस्ताने बहाल केली आहे. माणसा खेरीज अन्य कोणत्याही प्राण्याकडे विचार करण्याची अथवा विचारांची देवाण-घेवाण करण्याची ही शक्ती नाही. माणसाच्या जीवनावर त्याच्या विचारशक्तीचा कसा प्रभाव पडत असतो हे पहाणे मनोरंजक ठरेल . या विचारांचे सकारात्मक आणि नकारात्मक असे दोन संपूर्ण वेगळे प्रकार असतात. सकारात्मक विचार हे एखादी गोष्ट करण्यासाठी आपल्याला प्रवृत्त करत असतात आणि या सकारात्मक विचारांमुळेच तर आपल्यात उत्साह निर्माण होतो . या उत्साहाच्या बळावरच आपण एखादे अशक्य वाटणारे कार्य सुध्दा लीलया पूर्ण करू शकतो.



माणसाच्या जीवनात जो पर्यंत उत्साह उत्तम प्रकारे टिकून आहे, जिवंत आहे तो पर्यंत माणसाला कोणत्याच गोष्टीची भीती वाटत नाही, तो त्या उत्साहाच्या जोरावर जीवनात खूप मोठी कामगिरी पार पाडू करतो. मानसशास्त्रानुसार माणूस दिवसभरात अंदाजे सत्तर हजार इतके विचार करतो. या विचारांपैकी काही विचार हे तो जाणिवपूर्वक करतो, त्याला आपण जागृत मन असे म्हणतो , तर काही विचार मनुष्याच्या विचारसरणीनुसार, त्याच्यावर झालेल्या संस्कारानुसार मनात स्फुरत असतात, तसेच काही विचार हे त्याच्यावर लहानपणापासून झालेले संस्कार, संगत आणि शिक्षण यानुसार त्याच्या मनात निर्माण होत असतात, हे आपले सुप्त मन असत, आणि आपले सुप्त मन हे 95% काम करता तर जागृत मन फक्त 5% काम करत असत.

आपण जसे विचार करतो त्यानुसार त्याचा चांगला अथवा वाईट परिणाम हा त्याच्या जीवनावर होतच असतो.जर तुम्ही चांगले विचार केलेत तर जीवनात चांगले घडते आणि चुकीचे विचार केले तर त्याप्रमाणेच जीवन घडत जाते.म्हणजेच माणूस काही काम न करता अगदी रिकामा जरी बसला असेल तरीही त्यावेळी त्याच्या मनात विचार सुरुच असतात. अगदी सकाळी जाग आल्यापासून रात्री गाढ झोपेपर्यंत माणूस विचारच करत असतो. एखादे काम करत असतानादेखील मनाच्या एका कोपऱ्यात विचारांची साखळी खोलवर कुठेतरी सतत चालू असते. जर माणूस सतत विचारच

करत असेल तर तो नेहमी आपल्या विचारांच्या संगतीमध्ये जगत असतो असे म्हणावे लागेल. जर विचारांप्रमाणे माणसाच्या जीवन घडत असेल तर माणसाने विचार करताना सतत सावध राहणे देखील फार गरजेचे आणि महत्वाचे आहे. वाईट, नकारात्मक विचार जीवनाला चुकीची कलाटणी देतात, तणाव वाढवतात, तर सकारात्मक विचार माणसाला जीवनात यशाच्या शिखरावर नेतात. मात्र विचारांबाबत सावध नसल्यामुळे आजकाल सगळीकडेच नकारात्मक विचारसरणी दिसून येते.

मन आणि विचारांचे सामर्थ्य माहीत नसल्यामुळे अनेक माणसे कळत अथवा नकळत सतत नकारात्मक विचार करत असतात. काही जणांना नकारात्मक विचार करण्याची ऐवढी सवय असते की प्रत्येक गोष्टीबाबत त्यांच्या मनात नकारात्मक विचारच अगोदर येतो. शिवाय आपण कळत आणि नकळत सतत नकारात्मक विचार करत आहोत याची पुसटची जाणिवदेखील या लोकांना नसते. मात्र निसर्ग आपले काम अगदी प्रामाणिकपणे करीत असतो. जे विचार आपले मन करत तसेच परिणाम आपल्याला दिसतात. चांगला विचार केला तर आनंद आणि समाधान मिळत तर नकारात्मक विचार केला तर चुकीच्या विचारांचे परिणाम माणसाला निसर्गानियमानुसार भोगावेच लागतात. यासाठी प्रत्येक माणसाला सकारात्मक विचार आणि मनाचे सामर्थ्य माहीत असायलाच हवे. सतत प्रयत्नपूर्वक पॉझिटिव्ह विचार करून तुम्ही तुमच्या जीवनात नक्कीच यश मिळवू शकता. मात्र त्यासाठी नेहमी पॉझिटिव्ह थिंकीक अथवा सकारात्मक विचार कसे करायचे हे तुम्हाला माहीत असायला हवे.

मनाचा आणि शरीराचा एकमेकांशी घट्ट संबंध असतो. मन दुःखी असल्यास त्याचा परिणाम शरीरावर होतोच. नैराश्य ,उदासीन माणसांना कोणतेही कारण नसताना पाठदुखी, दातदुखी, पोटदुखी अथवा डोकेदुखीचा त्रास जाणवतो. या दुखण्यावर डॉक्टरांकडे तपासणी केल्यावर कोणतेही शारीरिक कारण सापडत नाही. रिपोर्ट नॉर्मल असूनसुद्धा अशा लोकांना तीव्र डोकेदुखी, पाठदुखी अथवा पोटदुखीचा त्रास जाणवल्याची अनेक उदाहरणे आहेत. जेव्हा तुमचे मन प्रसन्न असते तेव्हा त्याचे सुपरिणाम तुमच्या शारीरिक आणि मानसिक आरोग्यावर दिसून येतात अगदी त्याचप्रमाणे मनातील दुःखद भावनांचे दुष्परिणामदेखील तुमच्या शरीरावर दिसून येतात.



म्हणूनच निरोगी राहण्यासाठी सतत सकारात्मक विचार करणे फार गरजेचे आहे.

जर एखाद्याला सतत नकारात्मक विचार करण्याची सवय असेल तर त्याचे परिणाम त्याला आयुष्यभर भोगावे लागतात. कारण अशा माणसांच्या आयुष्यात चांगले, हितकारक कधीच घडत नाही. नकारात्मक विचार सरणीमुळे प्रयत्न करूनही त्यांच्या वाट्याला विपरित परिस्थिती येत राहते. सतत रडणारी, चिडचिड करणारी, दुःख करणारी माणसे आपण आजूबाजूला पाहत असतो. नकारात्मक विचार करणारी माणसे सहज नैराश्य, डिप्रेशन, मानसिक आजार यांना बळी पडतात. अशी माणसे घरी किंवा समाजामध्ये नकोशी होतात. यासाठी घरात लहानपणापासूनच मुलांना चांगले आणि सकारात्मक विचार कसे मिळतील याची विशेष काळजी घेतली गेली पाहिजे.

सकारात्मक विचार करणारी माणसं संकटातून मार्ग काढतात, संकटाकडे तसेच परिस्थिती कडे पाहण्याचा दृष्टिकोन व्यवस्थित असला तर संकटे सुद्धा संधी च्या स्वरूपात दिसतात. एखाद्या विशिष्ट परिस्थिती माणसाला गोंधळात टाकते, पण शांतपणे आणि सकारात्मक दृष्टीने पाहिले असता त्याच परिस्थितीत माणसाला काही तरी नवीन शिकायला मिळते आणि यावर मात करून संधीही मिळते.

शरीराची आणि मनाची काळजी घेण्यासाठी नियमित व्यायाम आणि सकारात्मक विचार, दृष्टिकोन असावा. जर तुम्हाला सतत नकारात्मक विचार करण्याची सवय असेल तर तुम्हाला प्रयत्नपूर्वक सकारात्मक दृष्टिकोन आत्मसात करण्यासाठी खास प्रयत्न करावे लागतील. ताण-तणाव आणि आजूबाजूचे नकारात्मक वातावरण यामुळे जर तुमच्या मनात गोंधळ निर्माण झाला असेल, तर मन शांत आणि निवांत राहण्यासाठी प्राणायाम आणि मेडीटेशन जरूर करा. कारण तुमचे मन शांत झाल्यामुळे तुम्हाला सकारात्मक विचार करण्याचे आणखी बळ मिळेल. मेडिटेशन केल्याने आपल्या शरीरातील सात चक्र कार्यान्वित होतात तसेच शरीर, मन निरोगी आणि आनंदी रहाण्यासाठी मदत होते.

प्रत्येक परिस्थिती मध्ये आपला दृष्टिकोन कसा असायला हवा ते एका उदाहरणावरून पाहूया, एका ग्लास मध्ये थोडस पाणी आहे यावरून आपण काय समजू शकतो, एक दृष्टिकोन असा की ग्लास अर्धाच भरलेला आहे तर दुसरा दृष्टिकोन म्हणजे पाणी थोडसच आहे पण इतकं पाणी तहानलेल्या साठी पुरेस आहे. तसेच कोणाचा जीव वाचण्यासाठी एवढही पाणी पुरेस आहे.

धकाधकीचे जीवन आणि सतत वाढणारी चिंता-काळजी ही

सर्वांच्याच वाट्याला येत असते. मात्र कामाचा ताण तेवढ्यापुरताच घेण्याचा प्रयत्न करा. जेव्हा तुम्ही ऑफिस अथवा कामाच्या ठिकाणी असता तेव्हा घरची चिंता, काळजी न करता कामावर लक्ष नियंत्रित करा. ज्यामुळे तुम्हाला कामाचे टेंशन येणार नाही. प्रामाणिकपणे आणि मेहनतीने काम केल्यामुळे काम वेळेत पूर्ण होईल आणि घरी गेल्यावर तुम्हाला कामाचे टेंशन येणार नाही. त्याचप्रमाणे घरी असताना कामाचा विचार न करता कुंटुबासोबत मजेत वेळ घालवा. घरी पुरेसा वेळ दिल्यामुळे कामाच्या ठिकाणी तुम्हाला घरातील चिंता सतावणार नाहीत. दोन्ही ठिकाणी समतोल साधता येईल.

घरचे काम, ऑफिसचे काम, झोप, जेवण, व्यायाम, वाचन, चिंतन, आरोग्य, कुटुंबाला पुरेसा वेळ देणं या सर्वच गोष्टी माणसाच्या जीवनात फार महत्वाच्या आहेत. यासाठी या सर्व कामांचे योग्य नियोजन करा. नियोजन केल्यामुळे तुम्हा प्रत्येक कामाला योग्य न्याय देऊ शकाल. सतत नवनवीन ज्ञान आत्मसात करा जीवन हे अनेक चांगल्या-चांगल्या गोष्टींनी भरलेले आहे. जगात अनेक सकारात्मक गोष्टी घडत असतात. मात्र माणसे स्वभावानुसार नकारात्मक गोष्टी, गॉसिप यामध्ये जीवनातील बराचसा वेळ वाया घालवतात. जर तुम्हाला जीवनात यशस्वी व्हायचे असेल तर चांगल्या आणि सकारात्मक गोष्टींचे ज्ञान मिळवा. या ज्ञानामुळे तुमचे जीवन आनंदी आणि प्रफुल्लित होईल.

प्राणायाम आणि ध्यानधारणा यामुळे तुमचे मन हळूहळू शांत आणि निवांत होऊ लागेल. मात्र प्राणायाम आणि मेडीटेशन योग्य व्यक्तीकडून शिकून घ्यायला हवे. चुकीच्या पद्धतीने प्राणायाम अथवा मेडीटेशन केल्यास त्याचे विपरित परिणाम तुमच्या शरीर आणि मनावर होऊ शकतात. तज्ञांकडून मेडीटेशन शिकणे शक्य नसल्यास सकाळी उठल्यावर आणि रात्री झोपताना काही मिनीटे प्रार्थना अथवा शांत संगीत ऐकण्यासाठी द्या. ज्यामुळे तुमचे मन शांत होईल. मन शांत झाल्यामुळे तुम्हाला गाढ झोप लागेल आणि सकाळी उठल्यावर फ्रेश वाटेल. जेव्हा तुमची सकाळ फ्रेश होते तेव्हा सकारात्मक विचार करण्यासाठी आणखी प्रोत्साहन मिळते.

थोडक्यात आपला मन हे आपल्या शरीररूपी कॉम्प्युटर चे सॉफ्टवेअर आहे जे आपल्याला वेळोवेळी अपग्रेड करणे गरजेचे आहे. जसे आपण आपल्या मोबाइलचे सॉफ्टवेअर अपग्रेड करतो अगदी तसे. माणसाला एखादी गोष्ट करायची असेल तर मार्ग सापडतो आणि करायची नसेल तर कारणे. त्यासाठी मनोनिग्रह करा आणि आपला जीवनातील आनंद आपणच शोधा. जग सुंदर आहे परंतु त्याला नकारात्मकतेने दुःखे करू नका एवढेच सांगणे.

Departmental Report

ECONOMICS

DEPARTMENTAL ACTIVITIES

1. Our department organized a webinar on “My Family My Responsibility” in association with Department of Lifelong Learning and Extension, SPPU, Pune, (14/10/2020). Dr. Abaso Shinde, Program Coordinator gave the welcome speech.

Principal Dr. Sanjay Kharat, Modern College, Ganeshkhind, Pune expressed his opinion on Covid-19 situation in the country.

Dr. Dhananjay Lokhande, Director and Head of Department, Department of Lifelong Learning and Extension, Savitribai Phule Pune University, Pune, talked on “how I can keep my family safe”. There are a lot of misconceptions about Covid-19 in the society. For this, the advice given by experts should be adopted and followed. Dr. Satish Shirsath, Department of Lifelong Learning and Extension, Savitribai Phule Pune University, Pune also guided the students.

Resource person Dr. H. A. Bodde Family Physician, Hadapsar, Pune, expressed the view that Covid-19 has a continuous access to the human body and it can be taken care of by the use of a mask, cleaning hands every two hours, and keeping a safe distance.

Online Feedback was taken and E-Certificates were given. The program was anchored by Ms. Shraddha Jadhav and Mr. Dhanram Wadje and vote of thanks was given by Ms. Swati Devkate.

2. Our department in association with Indian Red Cross Society, Pune, on the occasion of **World Blind Day**, organized a webinar on “My Family, My Responsibility”, (15/10/2020). About 73 students including professors participated. The

program began with Indian Red Cross prayer song by the students of SYBA: Payal Chandere, Vrushali Suravshe, Pallavi, Nisha Bedse, and Mauni Sonwane.

Coordinator Dr. Abaso Shinde gave the welcome speech and Principal Dr. Sanjay Kharat, Modern College, Ganeshkhind, Pune spoke on how the youth should use their education for the needs of the society. Everyone should cultivate social commitment.

Resource person, Dr. Dilip Pardeshi, Honorary Secretary, Junior / Youth Red Cross, Pune said that everyone should take care of their family on their own.

To make the program a success, Principal Dr. Sanjay Kharat, Vice-Principal, Arts Dr. Gagangras, Principal Dr. R. V. Kulkarni, Honorary Secretary, Indian Red Cross Society, Pune, Shri Rajkumar Shah, Joint Secretary, Indian Red Cross Society, Pune, Shri Satish Chandra Kankaria, President Disaster Management, Indian Red Cross Society, Pune and Shri Deepak Shah provided guidance.

E-Certificates were given to students once they submitted the feedback form. Students Ms. Kalyani Bhojar and Mr. Sahil Mhaske anchored the program.

3. SY & TYBA **Mentor-mentee and PTA Meeting** was held on 22/01/21 and number of participants were 48
4. **Online Inter Collegiate Economics Quiz Competition** was organized on 27/02/2021. Students participated were 152 from 20 colleges across Pune.

E-Certificates were issued to students who scored above 70% in the quiz.

The winners were:



- 1st Prize – 94% Mr. Sayed Faisal Sadat, Fergusson College
 - 2nd Prize – 90% Ms. Namratta Datta, St. Mira's College for Girls
 - 3rd Prize – 88% Ms. Monera Sadat, Fergusson College
 - 4th Prize – 82% Mr. Shriraj Suraj Shirke, Modern College, Ganeshkhind
 - Ms. Shrestha Pattadar, St. Mira's College for Girls
 - 5th Prize – 80% Ms. Ruthika Sravanan, Modern College, Ganeshkhind
 - Quiz in-charge: Dr. Shilly John.
5. Modern College, Ganeshkhind, Pune, Department of Economics and Indian Red Cross Society, Pune jointly organized a webinar on World Environment Day, (5/06/2021). There were around 101 participants including students, professors and environmentalists. Resource person Principal Dr. Sanjay Kharat said that if the *Panchasutri* is adopted by giving information on the current state of the global environment, biodiversity in the environment and conservation of various ecosystems, human life will become easier and everyone's life will be happier.

On this occasion, Principal R. V. Dr. Kulkarni Honorary Secretary, Indian Red Cross Society, Pune, Shri Rajkumar Shah expressed their views and Shri Satish Chandra Kankaria administered the oath of office to all the participants. Program Coordinator Dr. Abaso Shinde introduced the guests and was anchored by Mr. Avinash Murumkar and Ms. Shaila Kumbhar and vote of thanks was given by Ms. Bharti Kamble. Eleven students from the Department of Economics expressed their feelings through songs and poetry on the environment.

E-Certificates were given to students once they submitted the feedback form.

6. **Alumni online meet:** On Saturday 15/5/2021 from 5:30 to 7 p.m. an alumni meet of the economics department was organized online via Google meet and 32 alumni participated. The alumni were happy to share their present experiences, jobs, and other activities they are engaged in.
7. **Extra Credit Course Workshop :** M.A.Part-I and II Students
- i) 03.02.2021 Cyber Crime and Law - Adv. Navnath Kad, Module-II - Prof Amol Patil, Module- I - Prof. Vinod Patil
 - ii) 14.06.2021 Cyber Crime and Law - Adv. Dattatry Dhainje Module-II and IV- Prof Amol Patil.
 - iii) Constitution Credit Course Workshop: Prof. Dr. Gauri Kopardekar
 - iv) 15 to 18.02.2021 Workshop on Skill Development-Negotiation Skills-Shweta Sahasrabuddhe, Nashome Crasto, Gauri Kopardekar, Suvarna Bobde

STUDENT ACHIEVEMENTS

1. Pungati Rajesh Amol S.Y.B.A. Rs. 3212 received Prerna Scholarship Modern College (Jyoti Mungse Scholarship)
2. TYBA Students, Mr. Shriraj Suraj Shirke won 4th prize & Ms. Ruthika Sravanan won 5th prize in intercollegiate Economics Quiz conducted on 27th February 2021.
3. Workshop on Research Project writing on 24.05.2021 organized by Annasaheb Magar Mahaviyala, Hadapsar, Pune-28 was attended by 10 Students.
4. Mr. Wodje Dhanram Mahadevrao & Mrs. Swati Babasaheb Devkate of M.A-Part-II participated in National Workshop on World Food Safety Day on 7th May 2021, organized by Poona College of Arts, Science and Commerce Camp, Pune-01
5. Mr. Wodje Dhanram Mahadevrao M.A-Part-II

- participated in Heartfulness Essay Event – 2020.
- Mr. Omkar Janaji Bajilge FYBA got Excellent Performance with getting score of 80% in General Economics Quiz: 16.05.2020, organized By Arts, Science and Commerce College, Indapur, Pune-06.
 - Seema Rithe, Jadhav Ananta, Adhav Ganesh and Akash Deshmukh of MA Economics participated in Water Literacy Quiz: May 2021 Organized by Gov. of Maharashtra and Dadapatil Rajale Arts, Science and Comm. College, Adinathnagar Tal.-Pathardi, Dis.-Ahemadnagar.

STAFF ACHIEVEMENTS

Dr. DASTAGIR PATHAN, HoD

- Awarded Ph.D. (Economics) by SPPU Date: 4th March 2021. Topic: “Maharashtratil Dalimb Utpadan, Vipanan va Niryaticha Abhyas”
- Participated in Workshop on Research Project Writing on 24.05.2021 organized by Annasaheb Magar Mahaviyala, Hadapsar, Pune-28

- Retired on superannuation from Modern College, Ganeshkhind after 29 years of service on 31.5.2021

Dr. SHINDE ABASO HARIBA

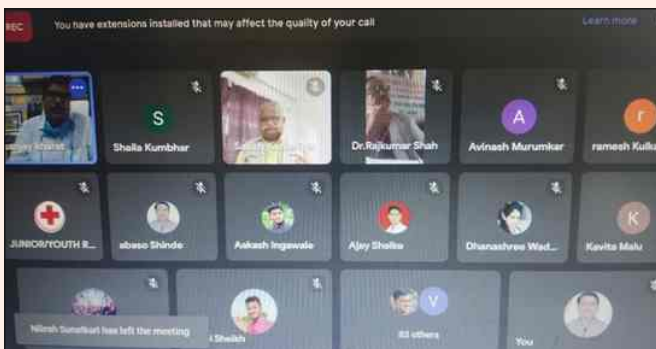
- Guest Lecture in Workshop on Research Project Writing on 24/05/2021 at Annasaheb Magar Mahaviyala, Hadapsar, Pune-28
- Participated in National Workshop on World Food Safety Day: 7th May 2021, organized by Poona College of Arts, Science and Commerce Camp, Pune-01

Dr. SHILLY JOHN

- Completed four months (Dec 2020 to March 2020-21) ARPIT Course in Economics.
- Research Paper titled “Reward Point Accumulation Behaviour of Credit Card Users in Pune City” is accepted for publication in UGC listed International Journal of Applied Behavioural Economics of IGI Global, Pennsylvania, USA.

Dr. Dastagir Pathan

Head-Department of Economics



World Environment Day Webinar 05-06-2021



Dr. Dastagir Pathan is felicitated by Dr. Sanjay Kharat, Principal during send-off on 31/5/2021

ENGLISH

A TWO-DAY WORKSHOP ON ALTERNATIVE LITERATURES: The Department of English organized a virtual Workshop on ALTERNATIVE LITERATURES on 2nd and 3rd November, 2020. The

Workshop focussed on two very popular genres of Fiction. Ms. Udity Paralikar deliberated at length on *Fan fiction* which was followed by a barrage of questions which she tackled to the utmost satisfaction of the participants. The session on Fantasy Fiction was conducted by another well-read



speaker in this genre and an erudite scholar Mr. Tanmay who held the participants in enrapt attention through his engaging observations on *Speculative Fiction* and references on 'parallel universe'. Both the sessions were attended by an astounding number of book-lovers from different streams, programs, institutions and age groups. The Workshop was inaugurated by our Principal Dr. Sanjay Kharat, a voracious reader, himself. More than 100 students participated in this workshop.

CERTIFICATE COURSE IN SPOKEN ENGLISH: A Certificate Course in Spoken English was conducted by the Department of English, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16. The course was conducted using a systematically designed syllabus that included exercises on Listening, Speaking, Reading and Writing. This academic year students were taught through online mode.

CERTIFICATE COURSE IN FRENCH LANGUAGE: The Department started a Certificate Course in French Language in this academic year. Interested students from all faculties were part of this online certificate course for 40 days. The objective of the course was to introduce the basic structure of the French Language along with its grammatical concepts and its practical usage for opening different job opportunities.

QUEST: A CURIOSITY AND CREATIVITY FORUM: English Department launched a curiosity and creativity forum QUEST for students on....This platform was inaugurated by Dr. Pravin Joshi Director, Prerna College of Commerce, Nagpur. Around 80 students were present in this virtual function. The Chief Guest spoke on the present online education and its implementation in academic life of the students. He spoke on the topic of 'How real is the virtual?' The online program was coordinated conducted by the students of the department under the guidance of the teachers. Principal, Vice Principal was the College were also present and congratulated the students for organizing this online event.

AURORA: E-MAGAZINE VOL 1, 2 & 3: Our online

magazine "*aurora - Literally the Literary: Confessions of Literaholics*" is an initiative taken by the students, for the students in order to promote the art of writing, develop a passion for reading and take a curious interest into the world of literature. The Department has successfully published three volumes that has write-ups ranging from a bunch of poems, essays a short story, a book review and even a crossword.

Volume One with the theme of **Emotions** was all about happiness, sadness, anger, guilt, pride, jealousy and more.

Volume Two on **Love** titled '*AI SHITERU*', looked at different perspectives of love and what it means in different relationships.

Volume Three is a feature on **Dreams** and speaks of weird, complex, yet completely fascinating dreams and reveries expressed beautifully, through a poem, theme covers, an art corner full of surreal paintings besides its regular contents.

ODYSSEY: The fifth volume of the In-house journal of the English Department, ODYSSEY was released in the presence of our Principal. Dr. Sanjay Kharat and Vice Principals of all three faculties, Dr. Jyoti Gagangras, Dr. Shubhangi Joshi and Prof. Swati Kandharkar. The theme of ODYSSEY for this year was **The Pink and Blue Divide**. Students wrote articles, poems and shared their thoughts and ideas about gender sensitization through this wonderful medium. Student editorial team under the guidance of the teachers of the department successfully compiled and designed the journal. The students through this activity tried to enrich their writing skills along with imaginative and descriptive aptitude.

CAPTION CONTEST: On the occasion of Youth Festival the Department of English organized Caption Contest on 8th January 2021 in order to enhance their imaginative and thinking skills. Students from all the streams participated in this contest.

WRITERS' UNBOXED: This activity is again an

attempt to encourage and explore the creative writing skills of young minds. Students from all faculties participated in this online competition organized during youth week on 9th January 2021.

FILM SHOWS: The Department of English organized a film show to help the students understand the text in a more comprehensive manner. The Animal Farm was screened for the students of Third Year. The film introduced the students to socio-political ideas during the First and Second World war.

STAFF ACHIEVEMENTS

Dr. Shampa Chakravarthy

- Successfully completed One Day National Level FDP on **“Decoding Examination During and Post Covid-19”** on 8 May, 2020 organized by SKILLSLATE and powered by Zovy Studios, Pune.
- Participated in a National Webinar on **“Strategies for Extension as a Social Responsibility-Perspectives of Higher Education”** jointly organized by Dept. of Lifelong Learning & Extension, SPPU and Indian University Association for Continuing Education, New Delhi on 13 May 2020.
- Presented a Paper titled **'Communication Skills and Lifelong Learning-An Eternal Commitment'** at a National Webinar on **“Strategies for Extension as a Social Responsibility-Perspectives of Higher Education”** jointly organized by Dept. of Lifelong Learning & Extension, SPPU and Indian University Association for Continuing Education, New Delhi on 13 May 2020.
- Panelist & Participant at **Langlit's Lecture Series** on Zoom from 20 April to 17 May
- Attended a Webinar –Lokmat Covidya on **“Higher Education in the Post-Covid World- Challenges, Opportunities and Trends”** on 19 May.
- Successfully completed **One–Week Moodle Hands-on Training Workshop** conducted by Modern College, Ganeshkhind and also qualified the Quiz conducted after the training on 23rd May, 2020.
- Participated in several Quiz conducted on COVID-19 Awareness.

- Participated in a Webinar organized by Modern College, Ganeshkhind on **“Opportunities and Challenges for Industry & Preparedness by Higher Educational Institutions”** by Mr. Bipin Deokar, Dy. Director Economic & Political Weekly Research Foundation, Mumbai on 25 May, 2020.
- Attended a National Webinar on **“Women in Higher Education: Issues and Challenges during Corona Pandemic”** organized by Guru Angad Dev TLC-MHRD on 27 May 2020.
- Attended a Webinar on **“Exam from Home: Alternate Assessment and Evaluation Model in the Wake of Covid-19”** organized by Smt. DMC College of Commerce & Science, Silvassa on 28 May 2020.
- Attended Interactive Session of Hon'ble Minister of HRD Shri Ramesh Pokhriyal Nishankji with Higher Education Institutions of India on 28 May, 2020 which was organized by MHRD & NAAC, Bengaluru.
- Participated in a National Webinar on **“Cultural Studies”** organized by Dept of English in association with IQAC, BSS Arts, Science & Commerce College, Makani, Dist. Osmanabad on 10th June, 2020
- Participated & successfully completed 5-Day FDP on **“e-Content Development for Online Teaching”** organized by PES Modern College of Arts, Science & Commerce from 25 June-30 June, 2020
- Participated in One-Day Web-Workshop on **Revised Syllabi** of SYBA/SYBSc/SYBSc (Computer Science) & MA-II English jointly organized by SP Pune University & S.P College, Pune on 27th July, 2020.

Dr. Deepanita Bhanja

Department of English

- Successfully completed **One–Week Moodle Hands-on Training Workshop** conducted by Modern College, Ganeshkhind and also qualified the Quiz conducted after the training on 23rd May, 2020.
- Participated & successfully completed 5-Day FDP on **“e-Content Development for Online Teaching”** organized by PES Modern College of Arts, Science & Commerce, Ganeshkhind Pune from 25 June-30 June, 2020.



Jitender Kumar

Department of English

- Translated a module of a course titled 'Applied Linguistics' for SWAYAM NPTEL offered by IIT Madras in September 2020. (English to Hindi)
- Attended a Six-day FDP conducted by St. Xavier's College, Mumbai, titled 'Reigniting the Research Spark: Exploring New Methodologies and Perspectives' from 15th to 20th March 2021
- Attended a Five-day FDP conducted by Modern College Ganeshkhind titled 'E-content Development for Online Teaching' from 25th to 30th June 2020

- Invited as a Resource Person by Computer Science Department of Modern College Ganeshkhind, Pune for its annual Intercollegiate event 'Interaction 2020-21' on 03/02/2021

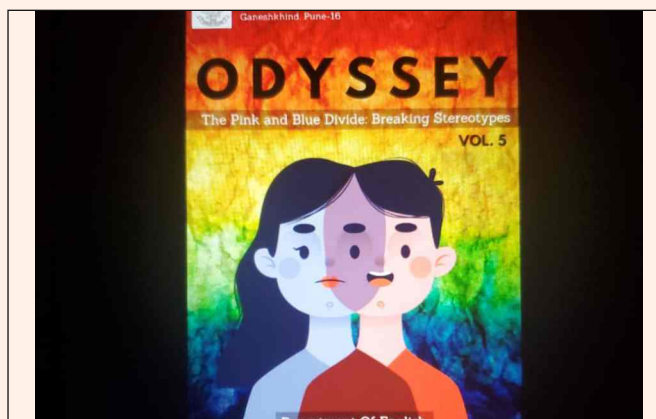
Aishwarya Otari

- Qualified MH-SET exam held in December 2020.
- Delivered a Guest Lecture on the topic 'English at workplace' at Dr. Babasaheb Ambedkar College, Aundh.

Dr. Shampa Chakravarthy
Head - Department of English



Aurora: E-Magazine Release



"Odyssey" In house general of English department

GEOGRAPHY

A) Departmental Activities: -

• Guest Lecture:

To help students improve their learning in a more interactive and topic specific way during this Covid pandemic situation, department has arranged **ONLINE** guest lectures series during 5 May to 14 May 2020 at 2.00 to 3.00 pm for 10 days on Zoom App.

Details of guest lectures are given below

1) **Date:** 5 May 2020. Tuesday

Topic: सौंदर्य मनाचे आणि सौंदर्य शरीराचे

Speaker: Dr Vileena Inamdar. H.V. Desai College, Pune. (In Marathi)

2) **Date:** 6 May 2020. Wednesday.

Topic: Communication Skills

Speaker: Dr Shivaji Pacharane. Jedhe College, Pune. (In Marathi)

3) **Date:** 7 May 2020. Thursday.

Topic: Geography of Climate Change

Speaker: Dr Manojkumar Devne. S P College. Pune. (Bilingual)

4) **Date:** 8 May 2020. Friday.

Topic: Population Policy and Sustainable Development (Hindi, English)

Speaker: Dr. Arun Kumar Singh. Banaras Hindu University, Varanasi, UP. (In Hindi, English)

5) **Date:** 9 May 2020. Saturday.

Topic: Awareness About Microorganisms w.r.t. COVID 19 (Hindi, English)

Speaker: Dr Alka Sagar, Meerut Institute of Engineering Technology, Meerut, UP.

6) **Date:** 10 May 2020 Sunday.

Topic: Biosphere Degradation (Hindi, English)

Speaker: Dr J K Pathak, Zoology Dept. Hindu College, Moradabad, UP.

7) **Date:** 11 May 2020 Monday.

Topic: Role of Geo-spatial Technology in Rural Development (Hindi, English)

Speaker: Dr Baldev Singh Negi. Himachal Pradesh University, Simla, H P.

8) **Date:** 12 May 2020 Tuesday.

Topic: भौगोलिक परिस्थितीचा छ. शिवाजी महाराजांनी युद्धनीतिसाठी करून घेतलेला उपयोग (Marathi)

Speaker: Dr Pramod Hire, HPT RYK College, Nasik.

9) **Date:** 13 May 2020 Wednesday

Topic: Opportunities in Geography (Bilingual)

Speaker: Dr Shrikant Gabale. Director, Unity Geospatial LLP, Pune.

10) **Date:** 14 May 2020 Thursday.

Topic: Global Food Security (Bilingual)

Speaker: Dr Ajay Kamble, Bhavan's College, Mumbai.

• **Modern Cycling Club:**

1. Modern Cycling Club has planned of cycling activity **Pune- Pandharpur- Pune** around 450 km distance along with 2 students and 5 teachers from 16 to 19 Dec 2020. Dr. Sanjay Patil, Dr. Deepak Shendkar, Prof. Namdev Doke, Prof. Sandeep Sanap and Prof. Savaishikare were among the teaching faculty.
2. Conducted Cyclothon, 26 participants cumulatively completed 1133.67 km distance in single day, challenge was 1000 km, on Sunday, 11 Oct 2020.
3. Conducted Walkaton, One day virtual

walkaton under Fit India Movement, Target 500 km, 44 participants completed 626.26 km distance in one day on Sunday, 18 Oct 2020.

4. Conducted Cyclothon, 22 participants cumulatively completed 941 km on occasion of virtual Dasara ride, SGP, Shendkar, Sawai, Borate- Lonavala ride on Sunday, 25 Oct 2020.

• **Modern Trekking Club:**

Modern Trekking Club organised trekking at Kalavantin, Prabalgad, Rayareshwar, Kenjalgad, Ratangad, Sandhan valley, Ghangad, Korigad, Kamalgad, Harihar, Brahmigiri-Durg Bhandar, Ramshej, Wasota, Sinhad fort with staff and students in Jan-Feb 2021.

B) STUDENTS' ACHIEVEMENTS

- **Research Paper Presented:** A student of TYBA, Ms Bhushali Musale has presented a paper entitled 'Temporal changes in population characteristics in Pune city' in International Conference held on 20th March 2021 at Kisan Veer Mahavidyalaya, Wai, Dist Satar.
- **IIRS Online Courses:** Participation in Online Course conducted by Indian Institute of Remote Sensing (IIRS), Dehradun by 2 students namely Salvin Dass and Trupti Kshirsagar from TYBA class. The duration of the course was 5-8 days. The course was conducted during May to September 2020.
- **Swayam NPTEL courses:** Three students namely Dhirajkumar Chavan, Ashruba Lavhare and Vishnu Dehadray from SYBA class successfully completed Swayam NPTEL course from Sept to December 2020.

C) STAFF ACHIEVEMENTS

Dr. Sanjay Patil

1. Attended conferences and seminars online at state, national and international level from May 2020 to June 2021.
2. Two research papers were published in research journals-



- a) Research Paper published, Title- Smart Villages with Digital Governance for Atmanirbhar Bharat.
- b) Research paper published, Title- Benefits and Detriments of Public and Private Companies, in Conference Proceedings, organized by Haveri College, Karnataka, in collaboration with Konkan Geographers Association.
3. Three research papers were presented in the following conferences/ seminars.
- a) Research Paper presented in International Conference organized by Kisan Veer Mahavidyalaya, Wai, Dist Satara, along with Maharashtra Bhugolshastra Parishad, Pune, on 20 March 2021 on Recent Trends in Geography, *Title- Temporal Changes in Population Characteristics of Pune City*,
- b) Research Paper presented, *Title- Benefits and Detriments of Public and Private Companies*, in Conference Proceedings, organized by Haveri College, Karnataka, in collaboration with Konkan Geographers Association
- c) Research Paper Presented, *Title- Effect of Lockdown on Tourism Sector in India*, 15th DGSI International Geography Conference (Webinar) at Allahabad University, Prayagraj on 26-28 Nov 2020.
4. Resource Persons invited :
- a) *Topic- New types in Tourism and Sustainability*, National Webinar organised by SMBST College, Sangamner on Travel & Tourism : Problems and Perspectives, on 9th July 2021.
- b) *Topic- Population Explosion : Problems and Perspective* at JAT College, Malegaon, Dist Nasik on the occasion of World Population Day, 11 July 2021.
- c) *Topic- Population : Problem or Resource?* At MGVS ACS Harsul, Dist Nasik, on the occasion of World Population Day, 11 July 2021.
- d) *Topic- Population and Environment*, at One week state level Online Faculty Development Programme, organised by the Department of Geography, Government Meera Girls College, Udaipur, Rajasthan and Commissionerate of College Education, Rajasthan, on 20th Jan 2021.
- e) *Topic- Stars, Eclipse, Comets and Tides*, at Modern College, Ganeshkhind, Pune, organized by Physics Department on 4 Feb 2021, for Astronomy Certificate Course.
- f) Interviewed by Dnyanprabodhini for Dnyansetu Project on Assam on 27 April 2021 on Zoom platform for 45 minutes.
5. Completed 5 days Faculty Development Program on **E-content Development for Online Teaching** organised by Modern College, Ganeshkhind from 25-30 June 2020.
6. Participated in **Effective Curriculum Delivery and Academic Planning**, organised by IQAC, Modern College, Ganeshkhind, Pune.
7. Completed one month Certificate Course, organised by Bishma School of Indic Studies & Infinity Foundation, on **Ancient Indian Science and Technology**, from 3 to 25 April 2021 on Google Meet.
8. Participated in 3 days National Web Conference from 10-12 June 2021, organized by Department of Geography, Savitribai Phule Pune University (SPPU), Pune and **Institute of Indian Geographers (IIG)** on theme "Environment, Development and Livelihood: Sustaining Earth and People" through an online platform.
9. **Interviewed** for Dnyansetu Project, organized by Dnyanprabodhini, Pune on Assam Bongaigaon Education Program at 5 pm on Zoom, 45 minutes.
10. E-governance at College level.
- Working as an Admission Committee In-charge for SYBA class

- Member of Criterion VII for NAAC
- Member in Examination Committee
- Member of

Prof. Motilal More

- Worked as Internal Exam In charge of Arts and conducted Backlog, regular and re-examination during an academic year 2020-21.
- Worked as Admission Committee In charge for FYBA class.
- Stock Register In-charge at departmental level.
- Competitive Exam Cell member

Mrs. Jyoti Acharya

- Online Courses Done:
 1. IIT Chennai conducted Online Course through NPTEL during Sept - Nov 2020 on 'Introduction to Research' for 8 weeks.
 2. Ministry of Human Resource Development PMMMNMTT organised a FDP course by Ramanujan

College, University of Delhi, for one week from 8 June to 14 June 2020.

3. Certificate course on IPR sponsored by RUSA organised by Sir Parashurambhau College Pune during 18/03/2021 to 23/03/2021.

4. Participation in Online Course conducted by Indian Institute of Remote Sensing (IIRS), Dehradun for 5 days in the month of May-June.

- Published a research paper in Peer Reviewed International Research Journal of Geography Maharashtra Bhugolshastra Sanshodhan Patrika Vol 37, No 2 Jul-Dec 2020 (Pg 76-80) on the topic 'An Overview of Development of Transport Geography in India through Research Articles'
- As a member attended meetings of **Vidyarthini Manch.**
- Document Officer of the department for DVV.

Dr. Sanjay Patil

Head - Department of Geography



Pune-Pandharpur-Pune Cycling, 16-19 Dec 2020, Modern Cycling Club.

History

Departmental Activities:

- **145th Birth Anniversary of Sardar Vallabhbhai Patel**

National Unity Day or Rashtriya Ekta Diwas is

celebrated on October 31 every year. This day was introduced by the Government of India in 2014 to mark the birth anniversary of the Iron Man of India - Sardar Vallabhbhai Patel. This year marks the 145th birth anniversary of the freedom fighter.

The History Department of Modern College of Arts, Science and Commerce,



Ganeshkhind, Pune, had organized an online event on this occasion on 31st October, 2020. The event was held on an online platform keeping in mind the pandemic and safety of the students and staff members. During the event, students of the History department spoke on the contribution and personality of Sardar Patel. The program was organized to inspire the youth of today with the ideals of our great 'iron' leader, Sardar Patel. 37 students from the history department had attended the program.

The program started with Savani Nibandhe's self-choreographed classical dance performance on the song 'Jayostute'. Sahil Mhaske, Ankita Raut, Kalyani Bhoir, Avinash Sonumkar expressed their inspirational thoughts about Sardar Patel. Pranita Nale expressed her admiration about the leader through a self-written poem, while Supriya Pawar and Mukul Kunte expressed their thoughts through PPTs. The chief guest at the event was Prof. Somodatta Bhattacharjee from Assam College who expressed her intellectual views on Sardar Patel. Our Hon. Principal Dr. Sanjay Kharat appreciated the speeches of the students. Dr. Shweta Sawale, Dr. Meenakshi Tiwari, Prof. Vivek Jadhavar and Prof. Pournima Gaikwad gave guidance to the students. Parimal Gangurde compèred the program and Saurabh Kinnare gave the vote of thanks. 37 students participated in this program.

• **Sub-Inspector, Mr. Keshav Hasgule delivered a lecture on the topic, 'Preparation for Competitive Examination'**

Sub - Inspector of Police, Mr. Keshav Hasgule (MPA, Nasik), and proud alumni of the History department, delivered a lecture to all the students of the Arts faculty on the topic 'Preparation for Competitive Examination' on 23rd October, 2020. 70 students attended the online event.

The event was anchored and organised by Dr. Shweta Sawale. The vote of thanks was given by Ms. Pournima Gaikwad. Hon. Vice Principal Dr. Jyoti Gagangras shared her heartfelt views as she recalled her student, Mr. Keshav Hasgule from his college days at Modern College, Ganeshkhind. Hon. Principal Dr. Sanjay Kharat honoured us with his presence.

• **Kaun Banega ? History Scholar !!**

P.E.S's Modern College of Arts, Science and Commerce, Ganeshkhind, Pune - 16; Department of History had organized an inter-college history quiz competition by the name of 'Kaun Banega? History Scholar!!', which was held on 9 January 2021, between 4 p.m. to 5 p.m. 137 students participated. A tie-breaker round was held for the toppers on January 29, 2021 between 4.30 to 4.50 pm. 13 students participated. Dr. Meenakshi Tiwari coordinated the event. This quiz competition has become a popular tradition of the department for quite some time now and is enthusiastically attended by members of other colleges.

Result:

• **First Prize:**

Wagh Swatej (Modern College, GK) and Nivrutti Gund (FC, Pune) - 12 out of 20.

• **Second Prize:**

Abhijeet Kshirsagar and Saurabh Kinare (Modern College, GK) - 11 out of 20

• **Third Prize:**

Akshay Kadus, Rushikesh Khotre and Chetan Kokane (Modern College, GK); Sandip Suryawanshi (FC, Pune)

Sr. no	Name of the College	No of students in first round
1	Modern College	111
2	Vasantrao Naik College, Mhasala	7
3	Fergusson College, Pune	4
4	C. K. Goyal College, Dapodi, Pune	2
5	Flame University	1
6	AGC, Pune	1
7	VIT, Pune	1
8	SPPU	1
9	Subhash Baburao Kul College, Kedgaon	1
10	Raje Chhatrapati Kala Mahavidyalaya, Dhamangaon	1

11	SP College	1
12	RA College of Arts, Science and Commerce	1
13	Yashwant Mahavidyala, Nanded	1
14	Anuradha Pharmacy, Chikhali	1
15	Sheth J.N Paliwala College	1
16	NA	2
Total	137	

Celebration of Shiv Jayanti/Birth Anniversary of Chhatrapati Shivaji Maharaj

The department had organised an event via Microsoft Teams on the auspicious occasion of Shiv Jayanti on 19th February, 2021. Dr. Shweta Sawale anchored the event. The main speech was given by Prof. Vivek Jadhavar on the topic "**Chhatrapati Shivaji Maharaj & Nationalism**". Hon. Principal Dr. Sanjay Kharat expressed his thoughts on the occasion. Dr. Meenakshi Tiwari gave the vote of thanks. The number of attendees was 69.

Prof. Dr. Lahu Gaikwad delivered a lecture on the topic 'Career in History'

The department had organised a lecture for the students on the topic 'Career in History'. It was delivered by Prof. Dr. Lahu Gaikwad (Gramonnati College, Narayangaon) on 15th March, 2021 via Google Meet. The event was organized by Prof. Vivek Jadhavar. Vote of thanks was given by Dr. Meenakshi Tiwari. The students interacted with the speaker and expressed their gratitude. 60 participants attended the program.

Bharatratna Dr. Babasaheb Ambedkar Jayanti

On the occasion of Dr. Babasaheb Ambedkar Jayanti, the history department organised an event on 14th April, 2021. Prof. Mahendra Waghmare offered Buddha vandana and inaugurated the program. Dr. Shweta Sawale welcomed the attendees. The main speech was delivered by Prof. Dr. Naresh Waghmare on a much relevant topic 'The Indian Constitution and Dr. Babasaheb Ambedkar'. Hon. Principal Dr. Sanjay Kharat also spoke on the occasion. Dr. Meenakshi Tiwari gave the vote of thanks. 81 members attended the event.

Contribution of Historian V. S Bendre' by Prof. Santosh Shelar

The department had organised a special event for the students to introduce them to the contribution of historian V. S Bendre. Prof. Santosh Shelar delivered the main speech while Prof. Vivek Jadhavar anchored the event and gave the vote of thanks. The event was held on 18th March, 2021 on an online platform and was attended by 40 students.

STAFF ACHIEVEMENTS:

Dr. Shweta Sawale

Participated in a one day workshop on '**Suggestion Revised Syllabus of History for TYBA**' organized by Dr. Babasaheb Ambedkar College, Aungh, Pune on 9th November, 2020.

Successfully completed an online certificate course on '**Introduction to Indian Heritage**' conducted jointly by Bhandarkar Oriental Research Institute (BORA) & Heritage India.

Research article published in the book of **Bhartiya swatantrya chalvalicha arthik pariprekshatun abhyas**(1757-1947) ISBN-978-93-84600-38-9

Delivered a lecture to the commerce faculty of Modern College, Ganeshkhind, on the event of Shiv Jayanti/Chhatrapati Shivaji Maharaj Birth Anniversary, on the topic '**Business Model of Chhatrapati Shivaji Maharaj**' on 19th February, 2021.

Conducted a workshop on **How to Right Project** for TYBA History Special Students, on 7th march 2121

Dr. Meenakshi Tiwari

Successfully completed an online certificate course on '**Introduction to Indian Heritage**' conducted jointly by Bhandarkar Oriental Research Institute & Heritage India.

Research article published in the book of **Bhartiya swatantrya chalvalicha arthik pariprekshatun abhyas**(1757-1947) ISBN-978-93-84600-38-9

Prof. Vivek Jadhavar

Delivered a lecture on the occasion of **Celebration of Shiv Jayanti/Birth Anniversary of Chhatrapati Shivaji Maharaj** at Modern College, Ganeshkhind,



Pune on the topic “**Chhatrapati Shivaji Maharaj & Nationalism**” on 19th February, 2021.

Ms. Pournima Gaikwad

Participated in an online workshop on **Feminist Research Methodology** organized by Tarabai Shinde Women's Studies Centre, BAMU, Aurangabad, during 22nd February 2021 to 4th March 2021.

Participated in an international webinar organized by the History Department of Lokmanya Tilak Mahavidyalaya, Beed; on the topic '**Thoughts of Dr. B. R Ambedkar**'. She wrote a research article titled '**Some Views of Dr. B. R Ambedkar on the Chaturvarnya system**'.

Participated in a one day workshop on 'Suggestion Revised Syllabus of History for TYBA' organized by Dr. Babasaheb Ambedkar College, Aundh, Pune on 9th November, 2020.

Completed an online course in Brahmi script/ Dhammalipi.

Participated in an online workshop on '**Buddhism: Philosophy, Literature, Vipassana, Meditation, Art and Architecture**' from 10th August to 22nd August 2020 organized jointly by the Department of History, University of Mumbai and Ambedkarite History Congress.

Volunteered online to help secure resources for people in the Covid-19 pandemic.

Students Achievements:

Our students have always done well in competitive examinations. The pandemic too did not stop them

from achieving. Our alumni **Jotiba Gidde** qualified for the **SET examination** held in the year 2020.

The pandemic has unfortunately left many vulnerable sections of the society dependent on the youth. Many of our students, both from BA and MA, worked as brave covid warriors. The jobs of covid warriors included activities related to sanitization, guiding vulnerable senior citizens, and working at vaccination centres, etc. Covid warriors Mukul Kunte, Aishwarya Deshpande, Vishal Kamble, Suresh Margale and Avinash Bhadale served the needy in the pandemic. We are proud of the fact that our department is made up of socially aware young citizens.

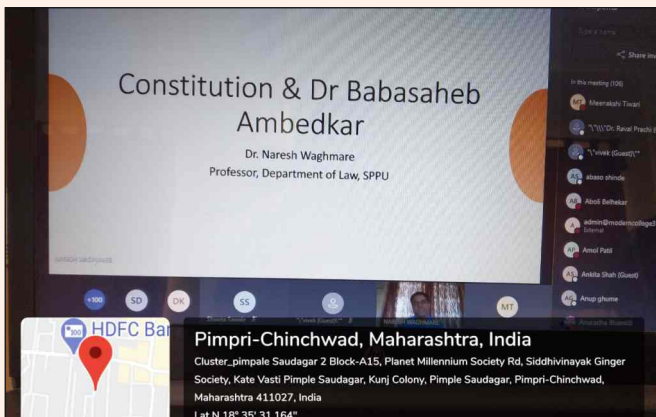
Ajay Sathe (MA I) is a published author. His book titled “**Burning Breeze (the poems on death)**” has been published in 13 countries. 'The poems included in this anthology bring out the universal truth associated with death.' The book is available on Amazon. ASIN : B08P4RR232

The pandemic has cut off many children from the virtual classrooms due to lack of digital equipment and internet resources. Mukul Kunte, during these times, taught in slum areas to make sure these students were not deprived of education.

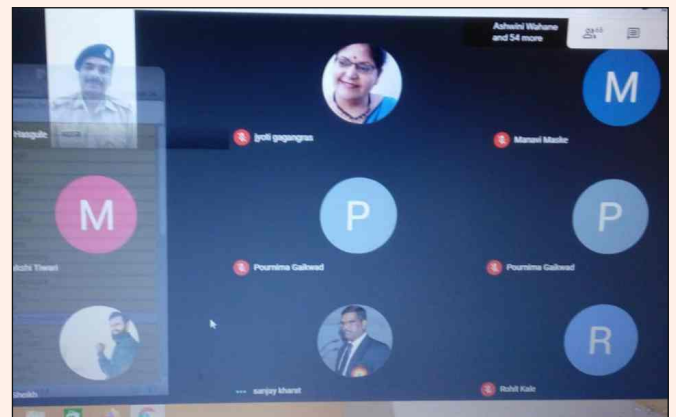
We are especially proud of Suresh Margale's commendable activities. Be it the Covid-19 pandemic or the severe flood in Kolhapur, Suresh volunteered to help in both.

Dr. Jyoti Gagangras

Vice Principal, Head - Department of Arts



Dr. Babasaheb Ambedkar Jyanti



Guest lecture on Competitive Exam

हिंदी

- भाषा विभाग की ओर से प्रतिवर्ष आंतरमहाविद्यालयीन राज्यस्तरीय निबंध स्पर्धा का आयोजन किया जाता है। इस वर्ष covid-१९ की पार्श्वभूमी पर हिंदी विभाग की ओर से आंतरमहाविद्यालयीन राज्यस्तरीय निबंध स्पर्धा का ऑनलाइन आयोजन किया गया था।
- २० फरवरी २०२१ को हिंदी तथा मराठी विभाग की ओर से भाषा

तथा रोजगार उपलब्धि की दिशा इस विषय पर चां. ता. बोरा महाविद्यालय ,शिरूर के हिंदी विभागाध्यक्ष प्रा. डॉ. ईश्वर पवार का व्याख्यान आयोजित किया गया। इस में सभी शाखाओं के छात्रों ने उत्स्फूर्त सहयोग दिया।

- २४ फरवरी २०२१ को मराठी तथा हिंदी विभाग की ओर से वाचन प्रेरणा दिन तथा मराठी भाषा गौरव दिन के उपलक्ष्य में मराठी की प्रतिष्ठित समीक्षक डॉ. विजया देव के व्याख्यान का आयोजन हुआ।

डॉ. सविता सबनीस
हिंदी विभागाध्यक्ष



Guest lecture Dr. Ishwar Pawar



Elocution competition - yuva Saptah

मराठी

- राज्यस्तरीय निबंध स्पर्धा - भाषा विभागातर्फे राज्यस्तरीय निबंध स्पर्धेचे आयोजन करण्यात आले.
- मराठी भाषा गौरव दिन-(२७फेब्रुवारी २०२१.) कविवर्य कुसुमाग्रज यांचा वाढदिवस मराठी भाषा दिवस म्हणून साजरा केला जातो.महाविद्यालयातही हा दिन विविध उपक्रमांच्या माध्यमातून साजरा केला. मराठी भाषा दिनाच्या निमित्ताने मराठी साहित्याच्या साक्षेपी अभ्यासक आणि ज्येष्ठ अनुवादक डॉ. विजया देव यांच्या व्याख्यानाचे आयोजन करण्यात आले होते 'समाजमाध्यमातील मराठी भाषेचा वापर' या विषयावर त्यांनी विद्यार्थ्यांना मार्गदर्शन केले. हा कार्यक्रम ऑनलाईन पद्धतीने घेण्यात आला.
- नाट्यवाचन स्पर्धा - मराठी विभाग ,हिंदी विभाग आणि कलामंडळ यांच्या संयुक्त सहकार्याने ही स्पर्धा मराठी दिनाच्या निमित्ताने आयोजित करण्यात आली
- मराठी भाषा संवर्धन पंधरवाडा व युवासप्ताहांतर्गत काव्यवाचन

स्पर्धा व वक्तृत्व स्पर्धा या आभासी पाटलाच्या माध्यमातून घेण्यात आल्या .या स्पर्धांना उत्तम प्रतिसाद मिळाला.

- माहितीचा अधिकार कायदा आणि अर्ज लेखन या विषयावर प्रा.विवेक जाधवर यांच्या व्याख्यानाचे आयोजन.या व्याख्यानाच्या वेळी प्रथम वर्ष,वाणिज्य या वर्गाचे ४४ विद्यार्थी उपस्थिती होते.
- जाहिरात लेखन स्पर्धा -प्रथम वर्ष वाणिज्य या वर्गातील विद्यार्थ्यांसाठी जाहिरात लेखन स्पर्धा घेण्यात आली .
- घोषवाक्य लेखन स्पर्धा -प्रथम वर्ष कला या वर्गातील विद्यार्थ्यांसाठी घोषवाक्य स्पर्धा घेण्यात आली

शिक्षकांची कामगिरी

डॉ.संस्कृती आवलगावकर

- फॅकल्टी डेव्हलपमेंट प्रोग्राम - MNGING ONLINE CLSSES and CO-CRETING MOOCS:2.018 May to June 3/2020, MHRD
- 'साहित्य रत्नाकर या रत्नाकर मतकरी यांच्या साहित्यावर आधारित एक दिवसीय वेबिनार मध्ये उपस्थिती आयोजन -

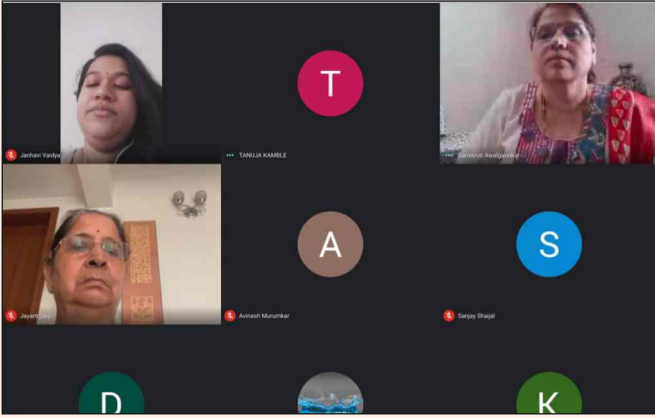


गुरुनानक खालसा महाविद्यालय, माटुंगा, मुंबई, १९ जून २०२०

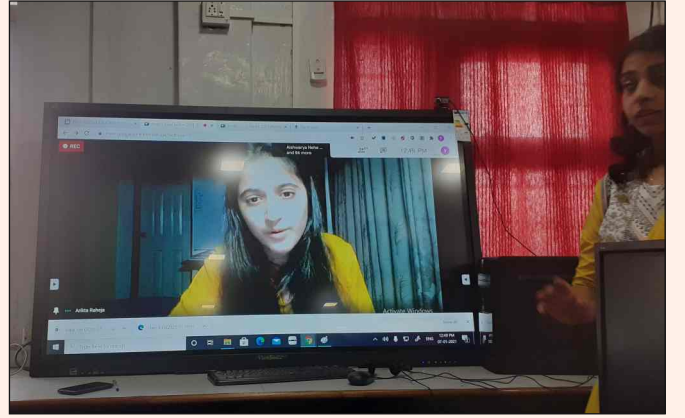
- 'वृद्धी ऑनलाईन प्रवेश प्रक्रिया' या विषयाचे प्रशिक्षण २३ व २७ मे २०२० FDP
- 'इ-कन्टेन्ट डेव्हलपमेंट फॉर ऑनलाईन टिचिंग' या विषयावरील प्रशिक्षण कार्यक्रमात सहभागी २५ जून ते ३० जून २० आयोजक मॉडर्न महाविद्यालय, गणेशखिंड
- मराठी अभ्यास मंडळ सावित्रीबाई फुले पुणे विद्यापीठ-तृतीय वर्ष -कला अभ्यासक्रमाच्या उप समितीवर निवड

- सावित्रीबाई फुले पुणे विद्यापीठाच्या, मॉडर्न महाविद्यालय गणेशखिंड केंद्राच्या मराठी विषयाच्या वाणिज्य शाखेतील बहिस्थ विद्यार्थ्यांना मार्गदर्शन
- कला शाखेतर्फे आयोजित केलेल्या 'ताण व्यवस्थापन कार्यशाळे'त 'वाचू आनंदे' या विषयावर व्याख्यान

डॉ. संस्कृती आवलगावकर
मराठी विभागप्रमुख



मराठी भाषा दिन - व्याख्यान डॉ. विजया देव



काव्यवाचन स्पर्धा - युवा सप्ताह

POLITICAL SCIENCE

23 March 2020: IQAC Meeting with the colleague Rajendra Bhoiwar to discuss the **plan for next academic year** about the **bridge course** to be conducted and planned assignments under CBCS for **FYBA**. It was decided that 10 episodes of Samvidhan serial by Rajya Sabha TV to be screened and an assignment based on that for the first term and Know your Vidhan Sabha for the second term and discussed assessment process and status.

15 Sept 2020: Lecture on Constitution at **FYBA Induction Programme**

3 to 10 Oct 2020: **Bridge Course** : Majority of the students come from science background, need special orientation and bridging the gap hence the Bridge course was organised for FYBA students on basic

concepts and introduction to political science. New CBEC pattern and a revised syllabus system has been introduced from 2019-20 academic year.

Pedagogical inputs : A film on Ideology was screened for TYBA students as the paper is about Political Ideologies.

10 Oct 2020: **Screening of the Film** Great Dictator for TYBA so as to give more understanding of the ideology of Fascism

26 Nov 2020: **Constitution Day celebration** organised by IQAC. Gave a presentation on India's Constitution a living document. 96 participants attended.

25 Jan 2021: 11th National Voters' Day : Voter Awareness Meet of FY, SY, TY English Medium students : English Medium 28, Marathi Medium 25

Theme : Making Our Voters Empowered, Vigilant, Safe and Informed 5 March 2021 Department Presentation as a step towards NAAC preparation

PERSONAL

Gauri Kopardekar

March 2020: Completed **UN I Know Gender 1-2-3, Women's Economic Empowerment (4) and Women's Leadership and Decision-making (5)** online self-paced courses.

March 2020: Prepared a report about Session on Industrial Infrastructure at MCCIA's Pune International Business Summit

March April 2020: Report on industrial infrastructure for RUSA project of Prof. Dr. Rajeshwari Deshpande, Department of Politics and Public Administration, SPPU

March-April 2020: **E-content generation** : Preparation of all the Chapters ppt for FYBA Semester 1, SYBA Semester 1 in English and Marathi

1-8 April 2020: Basic ground work of obtaining information on comparative study of Asian Countries and their epidemic management model and best practices for a policy paper on 'Going back to Work' Policy inputs for ensuring life and livelihood in post-COVID-19 lockdown scenario to Pune International Centre (PIC) jointly with Mr. Ravi Pandit, Chairman, KPIT Technologies and Hon. Treasurer, Pune International Centre (PIC)

April-May 2020: Balbharati 12th std text book note to be published : inputs were shared with the chairman. 12th std text book note to be published : prepared Marathi note, e-Content preparation.

18 April 2020: Attended a hands-on-training on Moodle (LMC)

May 2020: Basic groundwork for report on Labour Policies for RUSA project of Prof. Dr. Rajeshwari Deshpande, Department of Politics and Public Administration, SPPU

8 May 2020: **E-resource Person for a webinar** organized on Understanding and compiling the Academic and Research Contribution for Career Advancement by Toshnival Arts, Commerce and Science College, Sengaoon

16 May 2020: **Academic Calendar** for 2020-21 along with teaching plan for FY, SY and TY and submitted on moodle

18 May- 3 June'20 **FDP** : completed an online **FDP on Managing online classes and co-creating MOOCs 2** by Ramanujan College, Delhi

18 May 2020: Studied Credit system for BA circular and tried to find out similar courses from other universities

25 May 2020: Attended a webinar on Opportunities and Challenges for Industry and Preparedness by Higher Educational Institutions by Bipin Deokar

27 May 2020: Attended a webinar on Great Power Relations in Post-Covidian world : Power transition by Prof. Varun Sahani organized by SPPU

30 June, 1 July'20: Attended a discussion webinar on 'Post Covid 19 Education Scenario : Issues and Concerns' organised by CEDA, Pune

4 August 2020: Attended CEDA workshop on National Education Policy

17-28 August 2020: Attended a Webinar series on '**Rethinking Women's Movement: Questions from Contemporary Contexts**' organized by Krantijyoti Savitribai Phule Women Studies Centre, SPPU

18 Sept 2020: **Viva Voce of Ph D.** External Referee from University of Hyderabad Prof KK Kailash

October 2020: Balbharati BOS meetings for 11th and 12th Std Political Science Text Book

4 Jan 2021: Reading of Fundamental Duties to commemorate Fund Duties Day which falls on 3rd Jan

18 Jan 2021: Attended a lecture on Post COVID world of women workers by Kiran Moghe by IDS as a part of Labhsetwar lecture series



18 Jan to 12 Feb'20: **Completed a 4 week SWAYAM-IITB course on Designing Learner-Centric MOOCs**

20 Jan 2021: Inhouse faculty for a workshop for administrative support staff organised by the college, Topic : Mutual collaboration, team building and leadership development

22 Feb 2021: Attended a one day webinar on 'Politics of Maharashtra : 60 Years' organized jointly by Sangmeshwar College, Solapur and The Unique Foundation, Pune

Interdisciplinary teaching

10 Sept 2020: Guest Lecture on George Orwell and Political Ideologies for English Special SYBA students explaining Types of Nationalism and Evaluation, difference and similarities between different ideologies

14 Dec 2020: An interdisciplinary lecture for SYB Com on Passage of the bills in the Parliament : Nationalisation of Banks

10 to 13 Feb 2021: Introduction to Constitution a Compulsory Credit for all 2nd year PG students of M A, M Com and M Sc

17 Feb 2021: A session on Unit 7 and 8 Planning and Execution: Negotiation, an extra credit for MA students

May 20-21, 2021: Teaching for Compulsory credit on Democracy, Decentralisation and Governance to all English Medium First year students from Arts, Science and Commerce streams

Mentoring : During lockdown in order to take care of mental health issues faced by the students, the College proactively appointed a committee. The college tried to address mental health and issues related to general well- being of North-East & International students of the college. During lockdown, the college conducted a survey to know the whereabouts of the students and the college tried to

be in touch with them and had continuous interaction re their problems and concerns.

Participation in College internal functioning :

Worked as a Chairperson, Admission Committee FYBA, Resource Person for Induction Programme of Arts Faculty, Member, Library Committee, Member, IQAC; Member, NAAC Criterion II, Member, Covid Counseling Committee, Faculty for EVS for SYBA, Yuva Saptah.

Rajendra Bhoiwar

Honoured as a Literary Colonel in the 'Army of Literary Warriors' at StoryMirror for lending helping hand in promoting literature

20 May 2020: Attended a national webinar on 'Focus on Holistic Wellness : Your Plan of Action to be Fit, Healthy and Long Life' organised by Ginni Devi Modi P G Girls College, Modinagar

16 to 18 Feb 2021: Participated in a national webinar on 'Democracy in India since Independence' organised by T C College, Pune

22 February 2021: Attended a one day webinar on 'Politics of Maharashtra : 60 Years' organized jointly by Sangmeshwar College, Solapur and The Unique Foundation, Pune

25 & 26 Feb 2021: Participated in a national webinar on 'Society after Covid 19 Pandemic' organized by T C College, Baramati

May 20-June 7, 2021: Teaching for Compulsory credit on Democracy, Decentralisation and Governance to Marathi medium First year students form Arts and Commerce.

The departmental work was carried out with the support of a colleague, Mr. Rajendra Bhoiwar.

Dr. Gauri Kopardekar

Head - Department of Political Science

PSYCHOLOGY

The Department of Psychology had a productive year despite the challenges of online teaching. Listed below are the activities conducted:

Induction Program: Staff members from the Department of Psychology conducted a session on 'Mental Health and Counselling Services offered by the College' for Induction Programs across Faculties of the College. The Department also conducted an in-house induction for students of Psychology special and MA Psychology.

Program for all staff: 7 July 2020 A session titled 'Mental Health Care and Decoding Student's mental health against the backdrop of COVID 19' was conducted for staff by Dr Sadhana Natu.

Release of Mind Scope Research Compendium: Papers written by students are published every year and this year the Fifth Volume was released at the hands of Principal Dr Sanjay Kharat, on 14th Aug 2020. Students had presented these papers at various national conferences.

DISHA, Psychology Study Circle: Under the Disha activity group discussion on various topics were conducted. The activities were conducted on virtual platforms and attended by current as well as past students. Some of the topics discussed are listed below:

14th Aug 2020- Freedoms Lost during COVID times. 150 participants.

29th Sep 2020- Which way is Higher Education Heading? 95 participants.

9th Nov 2020- Structural and Gendered Violence: Inequalities and Injustice- 85 participants

4th Jan 2021- Remembering Savitribai Phule: Tracing meanings and mis meanings of Feminism **World Suicide Prevention Day** - 10th September was commemorated in a unique way with students making E Posters on the theme 'Suicide is Preventable'. A representative from Connecting NGO

spoke about raising the Awareness on Suicide Prevention.

World Mental Health Day- 10th October, A Google form was sent out to students to fill out their queries and concerns regarding Mental Health. Dr Sadhana Natu addressed those concerns and the queries on Google Meet.

Release of Kaleidoscope Volume XIII, 29th Jan 2021- The theme for Kaleidoscope this year was COVID 19 Crisis- Ringside View of Human Psychology. Students contributed to thematic sections about their experiences of dealing with the Pandemic. The volume was released online at the hands of Principal Dr Sanjay Kharat.

Careers in Psychology- Three sessions were held under the activity Careers in Psychology. On 6th March 2021 Alumni of the Department, Sqn Leader Vaishnavi Tokekar, Hemant Rughoonath (Erasmus Mundus Scholarship Winner) and Shantanu Kulkarni (Sports Psychologist) spoke about their journey in their respective fields. Dr Sadhana Natu conducted two more sessions for TY and MA Part II students titled Careers after BA and Careers after MA, Psychology.

UMMEED- On 21st January, 2021 staff members of Department of Psychology conducted a workshop with 40 Peons of the college on the importance of Mental Health **KHOJ Encouraging Undergraduate Research-** This year the students were presented with the topic Generation Z and asked to write about different areas of Interest. 5 sessions were held in the year to orient the students with research writing. Around 20 students have written papers with the help of guidance given under Khoj. **KOSHISH Internship Program-** This year 11 students from PG and 13 students from UG are interning at different organizations like Doorstep School, School for Development, Sathi Haath Badhana, Bebaak Collective, Eklavya and CIMH. **MASTERMIND QUIZ-** As a part of Yuva Saptaha a quiz was conducted based on Psychological Concepts. The first round was attempted by 110 participants. Four rounds were conducted virtually, and the winners were declared.



Masculinities and Mardangi in Asia- Five Students participated in a Focused Group Discussion conducted by Asia Foundation and Men Against Violence and Abuse on 16th March 2021.

IN HOUSE TRAINING- Dr Sadhana Natu conducted 3 training sessions for staff members.

UNDERGRADUATE CONFERENCE- A virtual conference on the theme Generation Z was held to give student researchers a chance to present their papers.

ALUMNI ACHIEVEMENTS- Few students who got placed are Vasudha Parkhi- Brainberg, Sanjana Pugalía- Sathi Haath Badhana, Revathy Varma- Trust Center for Mindful Living, Simran Alekar- Brainability Autism and ADHD Centre, Dipak Sable- Talathi in Taluka Akole, Ananya Sankarambadi has been selected for a Graduate Program at University of Lille, France.

Research Project: A self-funded research was conducted titled 'Exploring COVID 19 related Distress: A Mixed Approach'. Dr Sadhana Natu led the team as Principal Investigator. The team consisted of Nashome Crasto, Adwaita Deshmukh and MA students Ishitta Shinde and Apurva Sapkal. The paper published on the study has been published in the Journal of Psychosocial Research.

INDIVIDUAL REPORTS AND ACHIEVEMENTS

Dr Sadhana Natu

Resource Person

1. 16 June 2020 VMWare Software Company - Topic 'Sensitization to Gender Spectrum' for Senior Managers
2. 29 June 2020 Sama Women and Health Resource Group, New Delhi – Topic 'Inequalities and Mental Health'
3. 4 July 2020 Musalsal Discussion Group – Topic 'Decoding Mental Health'
4. 16 July Nari Samata Manch – 'Impact of COVID on psychosocial health'
5. 6 August Erawadi Day for Bapu Trust on Mind and

Discourse on 'Importance of Intersectionality in mental health'

6. 28 August Psy lens Surat 'Careers in Psychology: Social Psychology'
7. 18 September 2020 VMWare Software- Topic Sensitization to Gender Spectrum for Senior Managers
8. 12 October SSLA Sociology of Health
9. 22 October 2020 VMWare Software- Topic Sensitization to Gender Spectrum for Senior Managers
- 10.27 October 2020 NCW Maulana Azad College National Conference Resource Person Topic: Mental Health and Well Being of Women at the Workplace
- 11.1 March 2021 FDP Course Resource Person on 'Ethics in Social Science Research and Feminist Research Methodology', Tarabai Shinde Women's Studies Centre, Babasaheb Ambedkar Marathwada University, Aurangabad
- 12.8 March 2021 TC College Baramati 'Relevance of International Women's Day and Women and mental health'
- 13.10-12 March 2021 Faculty Development Program Module on Gynagogy and effective teaching for professors at Symbiosis International University
14. 27 March Matters That Matter, Resource Person on Gender Bias
- 15.10 June Bebak Collective, Mumbai, spoke on 'Women and mental health: challenges during COVID19 first and second wave.

Consultancy and Expert

- Leadership For Equity, Prevention of Sexual Harassment Committee
- 26 March 2021 Siddhivinayak College LIC Subject Expert
- 28 May 2021 MIT WPU Subject Expert for Selection Interviews of Psychology faculty

Editorial and Peer Review Work

- Psychological Studies 5 papers
- Confluence Journal Symbiosis Centre of Liberal Arts
- Indian Journal of Medical Ethics

Research Work and Guidance

- 4 PhD students: Sumita Chavare and Nandini Thatte have submitted their thesis and 2 are continuing with their work.
- 6 MA students were guided for MA dissertation project.
- Anika Khandekar was guided for a research project on Sexuality Education.
- Research Project on COVID Distress completed with Dr Natu leading the project.
- Member, Research Advisory Committee of Women's Studies Centre, Savitribai Phule Pune University.
- Member, Research Advisory Committee Leadership for Equity

CONFERENCES

1. 27 October 2020 Resource Person National Conference Maulana Azad College and National Commission for Women. Spoke on Mental Health and Well Being of Women at the Workplace
2. 19 March 2021 Adwaita Deshmukh and Dr Sadhana Natu presented a paper titled 'OCB and Indian parameters' at National Online Conference NAOP organized by IIT Kharagpur.
3. 10 June 2021 attended World Health Organization Mental Health Division, online meet on 'Quality Rights in Mental Health'.

Extension

Contributed to the relief work of several Civil Society Organizations in the pandemic. Prepared a video on Mental Health Self Care for police officials of Sindhurg district.

PUBLICATIONS

1. Lockdown te Unlock: Streeyanche Manasik Arogya in punhasrtiuvach.blogspot.com, July 2020.
2. COVID and Crisis of Care: Feminist Psychological View in miloonsrayajani.in, August 2020
3. Viewing Death from the Front Row: Exploring Doctors' View of Death in the Age of Chronic Conditions, Terminal Illnesses and Varied Mortal Fears. Nandini Thatte, Dr Sadhana Natu, *IOSR Journal of Humanities and Social Science (IOSR-JHSS) Volume 25, Issue 3, Series. 8 (March. 2020) 56-60 e-ISSN: 2279-0837, p-ISSN: 2279-0845. www.iosrjournals.org*
4. Life of Indian Women with Rheumatoid Arthritis: A Qualitative Study Sumita Chavare, Dr Sadhana Natu *IOSR Journal of Humanities and Social Science (IOSR-JHSS) Volume 25, Issue 3, Series. 5 (March. 2020) 01-12 e-ISSN: 2279-0837, p-ISSN: 2279-0845. www.iosrjournals.org DOI: 10.9790/0837-2503050112 www.iosrjournals.org*
5. Exploring COVID 19 related Distress: A Mixed Methods Approach' in Journal of Psychosocial Research, New Delhi Jan- June 2021
6. Tracing Organizational Citizenship Behaviour Across Disciplines' Deshmukh A, Natu, S in Dnyanamay, Oct 2019- Jan 2020, ISSN number 2395-7484.

Chapter in Springer Book

Disha: Building Bridges-Removing Barriers: Where Excluded and Privileged Young Adults Meet in *International Perspectives in Value- based Mental Health Practice: Case Studies and Commentaries*, Drozdstoy, Fulford et al (Eds.), Springer, International, December 2020.

Collaborative Work

Indian Association of Women's Studies Election Teller at Women's Studies Centre, Savitribai Phule Pune University.

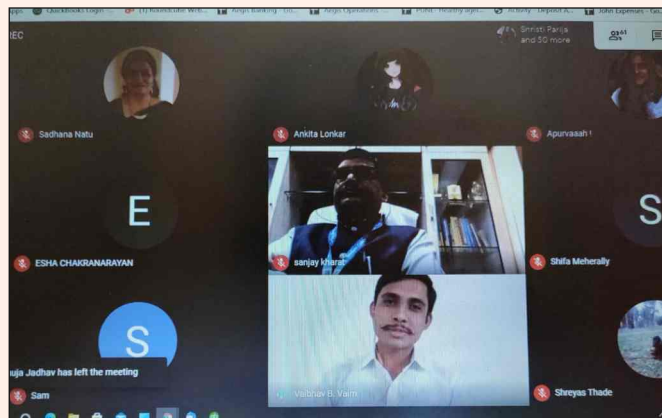
STAFF MEMBERS:

Nashome Crasto- Was part of a Project conducted by the Department of Psychology, 'Exploring COVID-19-

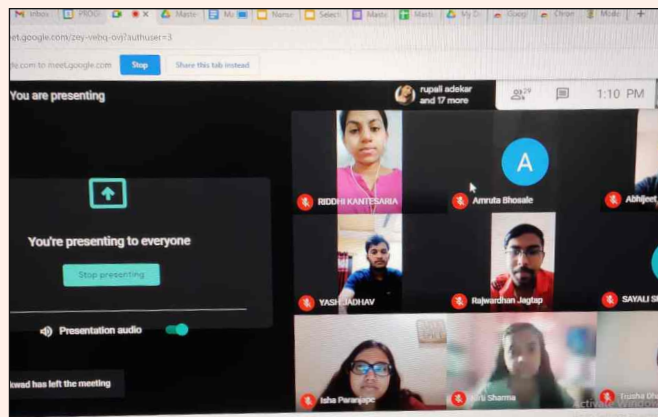


related Distress: A Mixed Methods Approach'.
Completed a State Level Course in Basic Astronomy.

Swati Jagtap- Successfully qualified for SET
Certification.



Release of Kaleidoscope Volume XIII at the hands of Principal Dr Sanjay Kharat. The theme of the Magazine was COVID Crisis: Ringside View of Human Psychology



Department of Psychology conducted Quiz titled Mind Scape as a part of Yuva Saptha in which more than 100 people participated.

Prof. Dr. Sadhana Natu
Associate Professor and
Head - Department of Psychology

SOCIOLOGY

Department of Sociology Conducted Following online activities for the Academic year 2020- 21. For Overall Development of Students

Express: Life will Reflect: Department of Sociology Conducted Program Express Life Will Reflect Dr. Prachi Sathe Ex. OSD to Ex. Education Minister Hon. Mr. Vinodji Tawade ,65 Students Participated. Ms. Mugdha Chandratreya was Coordinator for the Program. Dated: 6 October 2020

Mhatma Gandhi Jayanti & Lal Bhadur Shastri Jayanti Programme : Department of Sociology Conducted Programme Celebration of Mhatma Gandhi Jayanti & Lal Bhadur Shastri Jayanti Dr. Megha Deshpande, Assistant Professor Guided the Audience. 2 October 2020

Book Release of Revisiting Gandhi: Book Release Programme Conducted by Department of Sociology

Revisiting Gandhi Book released by Principal Dr. Sanjay Kharat 2 October 2020

Gender Sensitization Workshop: Department of

Sociology and Chemistry Jointly Organized 2 Days Workshop Titled “Gender in Everyday Life : Breaking the Boundaries”, Dr. Anurekha Chari Wagh , Associate Professor Hyderabad Central University , Dr. Vaishali Joshi Associate Professor St. Mira's College Pune and Vandana Palsane , Former Associate Professor, Sidhivinayak College Guided Students Chief Guest for Valedictory Function was Prof Anjali Kurne , Dean Humanities & Social Sciences, Savitribai Phule Pune University,... Students Participated for the Workshop Dr. Megha Deshpande & Ms. Mugdha Chandratreya was Coordinator for the Programme .800 Students Participated. Dated 6 & 8 February 2021

An Evening with Alok Rajwade (Producer, Director & Actor): Department of Sociology and Commerce Faculty Jointly Conducted Programme An Evening with Alok Rajwade, Actor, Director Alok Rajwade Visited to College and Guided Students Through his Live Interview on You Tube Channel, Interview is Conducted by Mr. Nitin Gawande and Dr. Jyoti Gagangras , Mr. Nitin Gawande was Coordinator for the Programme. Dated: 13 February 2021

My Nation my Pride: Department of Sociology and Future Banking Club of Commerce Faculty jointly

organized Online Guidance Program My Nation my Pride Commodore Ajay Chitnis , Indian Navy Guided Students Dr. Jayashree Kharche was Coordinator for the Program 100 Students Attended the Program: 14 February 2021

Guidance Session for Online Examination: Department Conducted Guidance Session for Online Examination for Undergraduate Students Description of the same was Giving Important Instructions and Hand Holding the Student in Regards with the new way of Attending online MCQ Examination, and Solving any queries regarding their examination and Identifying issues that they might face due to their location and the network issues.

STAFF ACHIEVEMENT:

Dr. Jyoti Gagangras: Head Department of Sociology and Vice Principal Arts

Participated and successfully completed “Moodle's hands on training webinar series for promoting use of Technology” in April- May 2020 organized by Modern College of Arts, Science and Commerce, Ganeshkhind, Pune

Attended National Online Seminar on Creation of Moocs Organized by Kirti College Mumbai Held on 27 April 2020

Participated in 2 Days National Webinar on Disability, accessibility and Inclusion in Higher Education Conducted by Shivaji University Kolhapur Dated 27 & 28 October 2020

Participated in National Webinar on National Education Policy 2020 Revamping the Higher Education Organization by Symbiosis College September 2020

Participated in National Webinar on “Gandhi and Contributor to Social work” Organized by Centre of Social Research & Prof B.T Lavani students foundation 2 October 2020.

Participated through Online Mode in the National Survey on Socio-Economic and Psychological Impact of Covid 19 Organized by Netaji Sbbhashchandra Bose

Government Girls College Aliganj Lacknow February 2021

Received Certificate of Appreciation for the Contribution of Conservation of Environment through its Ecofriendly style and Inspire others, Organized by Hon. Annasaheb Dandge College Hatkanagle , Dist. Kolhapur Jan 2021

Appointed on Local Inquiry Committee by Savitribai Phule Pune University Visited to St Mira's College Pune and Baramati March 2021

Appointed on Administrative Academic Audit Committee Visited to Shivaji University Kolhapur for AAA Committee January 2021

Appointed as a Member on TYBA Revised Syllabus Committee by Savitribai Phule Pune University. February 2021

Dr. Megha Deshpande:

Attended National webinar on “Role of Colleges in Preventing Violence against Women” on 27th July 2020 Organized by C.P. & Berar E.S. College, Nagpur in association with Center for Women's Studies R.T.M. Nagpur University, Nagpur.

Attended Five Days FDP on "e-Content Development for Online Teaching" July 2020 Organized By Modern College of Arts, Science and Commerce, Ganeshkhind, Pune

Attended “Sage Research Methods Online” database for researchers and faculty organized by Jayakar Knowledge Resource Center, SPPU, Pune

Participated in the National webinar on “MGNREGA as Humanitarian Response: Policy Insights” on 4th December 2020 by M.P. Institute of Social Science Research and UNICEF, Department of Panchayat and Rural Development Govt. of Madhya Pradesh

Participated and successfully completed “Moodle's hands on training webinar series for promoting use of Technology” in April- May 2020 organized by Modern College of Arts, Science and Commerce, Ganeshkhind, Pune



Published Paper on “Education for Sustainable Development: Exploring Pedagogies” in DNYANAMAY Multi-Disciplinary Peer Reviewed Research Journal (October 2019-January 2020)

Dr. Jayashri Kharche:

Participated and successfully completed “Moodle's hands on training webinar series for promoting use of Technology” in April- May 2020 organized by Modern College of Arts, Science and Commerce, Ganeshkhind, Pune.

Mr. Nitin Gawande:

Participated and successfully completed “Moodle's hands on training webinar series for promoting use of Technology” in April- May 2020 organized by Modern

College of Arts, Science and Commerce, Ganeshkhind, Pune.

Selected as Social Medical Officer by Government of Maharashtra and joined duties at Ulhasnagar Mumbai.

Worked as a coordinator for SYBA and TYBA Examination

Ms. Mugdha Chandratreya :

- Recipient of Two Gold Medals for Securing First position in MA Examination 2019 by Savitribai fule Pune University.

Prof. Dr. Jyoti Gogangras

Vice- Principal - Arts

Head - Department of Sociology



An Evening with Alok Rajwade



Gender Workshop Day

COMMERCE

Faculty of Commerce has organized following activities in academic year 2020-21. Though most of these activities were online due to the pandemic situation, response of students was encouraging..

A) SKILL DEVELOPMENT COURSES

• A Journey to be an Entrepreneur

Faculty of commerce conducted thirty hours skill development course “A Journey to be an Entrepreneur” for TYB Com students. Students were guided on registration process of SSI, Digital

marketing, How to prepare business plan, various schemes for SSI etc. Entrepreneurs in various fields shared their experiences. Prof Sujata Deshmukh coordinated the course.

• Course in Operational Banking

Skill development Course in operational banking for T.Y.B.Com and M.Com was organized in the month of June 2021 in association with alumni bankers and parent bankers. The main objective was to develop the skill sets required in banking sector and enhance the employability skills of the students of banking. Mr. Rohan Medhekar Vice President Axis Bank, Mr. Abhijeet Joshi Axis bank, Mr. Abhijeet Desai from

HDFC Bank Ltd, Mrs. Sampada Purandare Deputy Manager from SBI Local head office Mumbai, Mr. Abhishek Sengupta Branch Manager Karur Vaishya Bank Durgapur had interacted with our students. 80 students had participated in the program

• **Image Building**

Personality development course was conducted for S Y B Com students. Sessions on communication, Interview techniques, Telephone and email etiquettes, Body language, and Personality grooming Public speaking etc. were organized in the course. Dr. Priyanka Bhamare was the coordinator.

B) COMMERCE CIRCLE

All the activities conducted under commerce circle during the year 2020-21 were through online mode

1. Poster Competition On Impact of COVID 19 on Business, social, economic or psychological held on 12th September 2020, 15 students participated

Name of the Winners:-

- 1st Prize –Sukanya Bhavakar TY B Com A
- 2nd Prize –Antariksha TY B Sc
- 3rd Prize – Sayali Patil TY B Com B & Vaishnvee SY B Com B

Online Business Quiz Competition held on 14th October 2020, 30 students participated

Name of Winners

- 1st Prize – Sanyam Jain F Y B Com C
- 2nd Prize- Samiksha Kharat SY B Com A
- 3rd Prize-Shruti Dudhale F Y B Com

2. Start Up Business Idea Competition held on 6th November 2020, 8 students participated

Name of the Winners:

- 1st Prize – Sangram Kadam SY B Com C
- 2nd Prize – Samiksha Kharat SY B Com A
- 3rd Prize – Eshika Sanchita T Y B Com A & Ankita Shinde F Y B Com D

C) Future Banking Forum

Future Banking Forum conducted following activities through online mode.

1. Online poster competition:

Covid-19 pandemic situation has changed the traditional working of bank and most of the services of bank have become online. Based on this situation an 'Online Poster Competition' was held on the topic 'Moral and Ethical Challenges arising in Banking and Financial Industry in Covid-19 World'. 15 students participated in this competition. Miss Kajal Dave student of T. Y. B. Com. won this competition.

2. Banking Day:

Every year Future Bankers' Forum celebrates 11th August as 'Banking Day' in the memory of legendary Mr. C. D. Deshmukh (first Indian Governor). This year this day was celebrated in virtual form in the presence of 200 students. Mr. Bipin Deokar, Sr. Deputy Director, EPW Research Foundation, Mumbai, was Guest of Honour and Mr. Rohan Medhekar, Assistant Vice President, IT Investment Product Group, Axis Bank, Mumbai, was Chief Guest of the Program.

3. Celebration of Independence Day:

In this program 274 audiences witnessed historic online celebration of Independence Day. The theme was 'Salute to Soldier: Be like a Warrior Citizen'. We were very fortunate to have our alumnus Lt. Col. Omkar Kulkarni as our Chief Guest. He shared his very interesting, challenging and motivating experiences with the audience.

4. Online Dialogue with Counselor Psychologist

On 29th Aug 2020, session was organized on '**Covid 19 Pandemic situation and EQ**'. for commerce students. 67 Participants attended the session. Counselor Psychologist Mrs. Asawari Bapat guided students.

5. Virtual Interaction:

On 31st August 2020 a virtual interaction with Mr. Ashutosh Upadhyay, Assistant General Manager, College of Agricultural Banking, a training institute of Reserve Bank of India was held on the topic 'Nature of



Digital Banking and Security of digital Banking'. 73 students attended this online session.

6. Indian Currency Management:

On 7th Oct 20 Mr. Rahul Khatavkar our alumnus and Industry expert interacted with the students on his own experiences of working with RBI for two years and discussed with the students about currency Management of India. 75 students attended this program.

7. Bridge Course in Banking

Bridge course was organized from 27th September to 29th October for SYB Com students who have selected Banking and Finance subject at special level. Students were guided about the fundamentals of banking, key words and principles of banking. 65 students attended the course.

8. Investment Awareness Sessions:

On 29th Nov 2020 and on 22nd March 2021 online Investment Awareness Workshop was organized in collaboration with SEBI and NSE. Stock market expert Mr. Sudhakar Kulkarni had interacted with 56 students and 79 students respectively.

9. Lecture on passing of Bill in the parliament

On 14th Dec 2020 lecture was organized on Passing of bill in the parliament in association with Politics department. Dr. Gauri Kopardekar had discussed the whole process of bank nationalization. 84 students had attended the session.

10. Celebration of New Year:

On 30th Dec 20 forum has celebrated New Year with grandparents of students and old age home Sahajeevan Bhugaon. The online cultural event was organized by students. The volunteers of Bank Mitra gave donations to old age home. The forum has displayed the poster on senior citizen door step banking introduced by Reserve Bank of India. 21 students attended the function.

11. Salute to corona Warrior Bankers:

On 9th Jan 21 the forum had organized online program on 'Salute to Corona Warrior Bankers for

their dedicated efforts during pandemic situation. Bankers of various branches, Industry collaborator Vidya Cooperative Bank, parent bankers and alumni Bankers from India and Abroad were present for the ceremony. 29 bankers from various banks from India and abroad graced the occasion. 80 students gave online salute to all Corona warrior Bankers.

12. My Nation My Pride – 14th February 2021

14th February 2019, The day on when lost our 40 Brave Indian Soldiers in Pulwama Attack. So our students decided to give tribute to our soldiers by celebrating this day as 'My Nation My Pride'. On this day every year officer of Indian defense force is invited to inspire the youth. This year Commodore Ajay Chitnis (Retd) was the Chief Guest. This program was celebrated in association with Sociology department of our college.

The program was attended by 96 students

13. Celebration of Birth anniversary of Chatrapati Shivaji Maharaj

Program on Business model of Chatrapati Shivaji Maharaj was organized on 19th Feb 2021 in association with History department. Dr. Shweta Savale madam guided the students. 48 students attended this program.

14. FBF Pride Award

Every year FBF declares FBF Award in the memory of late. C.D. Deshmukh. It is given to the student of final year who had active participation in the planning and implementation of the various activities of FBF. The student is selected after the interview process and evaluation of the contribution in the FBF. FBF Pride Award 2021 was given to Mr. Mangesh Kamble on the occasion of valedictory session of the skill development program.

The activities of FBF were coordinated by Vijayalaxmi Kulkarni and Dr. Pallavi Nikhare.

D) Induction Programme

Induction program was organized between 15th and 18th 2020 for First year students. They were given information about working of College and made

aware about rules and regulations of college. 439 students along with their parents were present for this program

Prof Manisha Bele and Prof Nitesh Gujarathi coordinated this program.

E) Cost Fest

Commerce department always encourages students to gain practical knowledge of subjects through various activities. Cost Fest is an activity which is organized to develop practical knowledge of costing techniques, to bridge the gap between education and industry and to build student's confidence and skills.

This year following activities were conducted virtually in Cost Fest

- **Exhibition of various products** made by the students. It was inaugurated by Sagar Kulkarni (Director, Internal Controls Director General, Controller/Chief Financial Officer Branch Services Government of Canada.). He gave information about higher education opportunities in Canada. 18 groups participated in the exhibition and exhibited their products online.
- **Online Poster competition.** This year Covid 19 and its impact on the world from Costing Perspective was the subject for poster competition. 70 posters were put up by contestants.
- **Online Costing Quiz.** . 54 Students participated in the Quiz.
- **2021 Virtual Visit of AMCOL India (Chennai Plant).** 100 students have taken the benefit of the session.

Prof. Prerana Suru coordinated the activities

F) Entrepreneurship Development Cell

Following activities conducted under Entrepreneurship development cell in this year to instill entrepreneurial competencies among students.

- **Business Idea Competition.**
- **Udyogini.** Entrepreneurship Development Cell has created new platform this year where women entrepreneurs share their journey with students. This was inaugurated by Madhuri Sahastrabudhe (Corporator PMC and Founder of Sakas Foods Pvt Ltd). She shared her entrepreneurial journey and motivated students. 200 students were present for the program. It was organized by Prof Sujata Deshmukh
- **Udyogwata.** This is an activity to make students aware about various business opportunities. This year lectures on Pet related Business Opportunities and Opportunities in Ayurveda was organized. Swarda Joshi (Deasra Foundation, Pune) and Mrs. Shalaka Mundada (Owner-Pet sitters, Pune) spoke about Pets related new small business opportunities. 98 students were present for this session. Dr. Vaidehi Patankar (Mayra Herbal, Pune) spoke about Aurveda Opportunities. 82 students were present for this lecture.

This activity was organized by Dr Priyanka Bhamare

G) Marketing Carnival

Marketing Carnival during the year 2020-21 conducted through online mode for the students for TY B com Marketing 100 students participated on 13th and 15th February 2021.

1. Activities conducted on 13th February 2021

- **Inauguration of Marketing Carnival** - Chief Guest- Mr. Bapan Das (Director of TATA Consumer Products Limited)
- **Virtual tour of Hosur Floriculture Industry, Karnataka & Netherlands Flower Auction Centre**
- **Interview of Florist**

2. Competition held on 15th February 2021



• **asa Product design Competition**

Name of the Winners:-

- 1st Prize – Sanskruti Shinde (Gold Soap)
- 2nd Prize – Shivam Pandey (Photography Ring)
- 3rd Prize Shubham Rajapurkar (Farm Oil)

• **Banner Advertising Competition**

Name of the Winners:-

- 1st Prize – Aakanksha Didmuthe & Brinda Gawas
- 2nd Prize _ Siddhesh Kadam & Rushikesh Ambad
- 3rd Prize – Rucha Deshmukh & Prathmesh

• **Audio-visual Advertising Competition**

Name of the Winners:-

- 1st Prize – Ankita Prakash
- 2nd Prize – Prince Mutha
- 3rd Prize – Saurav Sharayu

• **Advertising Copywriting Competition**

Name of the Winners

- 1st Prize – Pratik Mandhare
- 2nd Prize – Tejas Malwadkar
- 3rd Prize – Pratik Ware & Kunal Loya

Dr. Mamata Shende was coordinator of Marketing Carnival.

H) Workshop on Intellectual Property Rights

It was organized on 8th-9th Feb.2021 for all UG-PG students. Dr. Anaya Bibave (Vice Principal, Modern Law College, Pune) was the resource person. It was very inter-active workshop. During this workshop Dr.Bibave focused on various points related to IPR like- Meaning of IPR, Objectives, Importance, types of IPR etc. 400 students attended this workshop.

I) Workshop on YOGA and Meditation:

Online Yoga and Meditation session was conducted on

11/10/2020 for commerce students. In this session Dr. Vidyadhar Kulkarni guided the students on Yoga, Pranayama and Meditation. He also conducted a live meditation session. In the workshop 65 students participated and got the benefit of it.

J) Jannev

Students and teachers donated pohe, soaps, and sweets, to orphanage, Annapurna Ashram Alandi. 17 students and 5 faculty members contributed for it.

Seven teachers donated Pohe, Soaps, and Sweets to Orphanage in Gurukulam Ashram Chichwad.

M Com students donated for Annapurna Ashram as per their requirement .Students donated cooking oil for children..

- Guest lecture was arranged on Annual Budget 20020-21 by CA Vasant Bharaskar. 178 students were present.

Placement cell activities

The off campus drives for training and placement by SKP and edubridge solutions with the collaboration of Citi Bank was arranged in the month of January for the Business correspondent and felicitator Job profile. It was for S.Y. and T.Y.B.Com. Students under Banking and Finance Sector. The interview was given by 35 students. The campus drives and activities were coordinated by Dr. Shraddha Awasare (Coordinator-placement cell-Dept.of commerce).

Following is the List of selected students for training and placement in year 2020-21 training by Citi Bank

No	Name of Student
1	Rutvij Patil
2.	Deepak Pillai
3.	Ramanti Deshpande
4.	Deepak Verma
5.	Madhura Ubhe
6.	Pranali Jagtap



7.	Shraddha Shinde
8.	Raj Ghodke
9.	Seema Chandora
10.	Rashika Kathula
11.	Chaitanya Khot
12.	Promit Bose
13.	Olerato Sandra Mopipi
14.	Shruti Bhalekar
15.	Saloni Dabhade
16.	Prajakta Jagadale
17.	Khushboo Kumari
18.	Nikita Kamble
19.	Rutuja Bhalerao
20.	Poonam Kurle
21.	Yash Kathula
22.	Dhanashri Salvi
23.	Ninoshka Court
24.	Alfiya Shaikh
25.	Triveni Poojari
26.	Seiona Anthony
27.	Chirag Bogawat
28.	Aboli Gaikwad
29.	Pratiksha Shinde
30.	Nikhil Khatal

- Guest lectures arranged **under placement cell activities**. The lectures were conducted on virtual platform using Google meet.

Day and Date	Time	Activity	No. of students participated
Thursday 15/03/2021	10.00 to 11 noon	Lecture session on "CV Writing"	95
Tuesday 16/03/2021	10.00 to 11 noon	Session on " Intervie Techniques"	90

J) M Com

- In Janeev, A Social platform of the faculty, two M Com students and one teacher donated cash and food grains to Annapurna Ashram.
- Virtual Visit at CA Khaladkar Firm was organized on 4th June 21. CA Khaladkar, CA Honap interacted with the students on various aspects like tasks performed by CA office, roles and responsibilities of CA and challenges faced while doing all compliances. 46 students had participated.
- Skill development workshop in Direct Tax Advisor was organized and 48 students had participated. CA Khaladkar tax consultant was the resource person.
- IPR workshop was conducted on 8th and 9th Feb and 100 students of MCOM participated.

K) Students Achievements

- 56 students qualified Chartered Accountant Foundation Examination
- 2 students qualified Chartered Accountant Intermediate Examination
- 14 students qualified Company Secretary Foundation Examination
- 12 students qualified CMA Foundation Examination

• Teachers Achievements

a) Dr. Shubhangi Joshi

- Nominated as a member of Board of Studies (Business Practices) in St. Meera's College Pune

b) Prof Manisha Bele

- Presented A Research Paper in the 2nd **International Research e-Conference** on Corporate social Responsibility & Sustainable development conducted by Dr. **D. Y. Patil University, Pune** from **10 to 12, December , 2020**



Titled: Cultural Intelligence (CI): Catalyst for better Organizational Performance and Organizational Effectiveness and published in UGC recognized Journal (no 49023) 'International Journal of Creative Research Thoughts 'IJCRT';ISSN:2320 2882, Impact Factor:7.97

- Participated in the **National Level webinar on NEP 2020 and Indian Ethos** organized by Kaveri College, Pune and Skillslate foundation,Pune on **26th February,2021**
- Participated in one day **National webinar on Intellectual Property rights** organized by Waghire College,Saswad on **6th March 2021.**
- Participated in one day online **workshop on Intellectual Property rights-Patent & copyright** organized by M.S.Kakade College, Baramati on **20th March 2021.**
- Participated in **National level webinar on 'Academic Integrity in Research & Publications 'Organised by Shankar Narayan College of Arts & Commerce, Thane on 23rd March 2021.**
- **Initiated the Diversity, Equity and Inclusion Audit of the College for the year 2020-21.**

c) Prof Parag Shah

1. Successfully completed a **four week online course on Cooperative Learning Pedagogy** with Distinction, conducted by GHG Khalsa College of Education, Punjab from May 22nd to June 18th 2020 **through mookit.**
2. Successfully completed a **Five day online Faculty Development Program (FDP)** on 'e-Content Development for Online Teaching' organised by Modern College, Ganeshkhind, Pune. (25th to 30th June 2020)
3. Successfully completed a **Ten day online Faculty Development Program (FDP)** on 'The Scenario of Commerce, Management & Economics Education After Covid-19' conducted by KTHM College, Nashik in association with Faculty Development Center,

UGC-HRDC, SPPU, Pune under the scheme of PMMMMNTT. (29th June 2020 to 8th July 2020)

4. Conference/Seminar/Workshop organized

- a) **Organized and Coordinated a National Webinar** on 'Data Validation and Verification and Student Satisfaction Survey' organised by Shrikrishna Mahavidyalaya, Gunjoti. (5th July, 2020).
- b) **Organized and Coordinated a 10 day Online Soft Skill Development Workshop** for final year students of Arts, Science & Commerce faculties in association with **Mahindra Pride Classroom** and **NAANDI Foundation.** (21st December, 2020 to 4th January, 2021).
- c) **Organized and Coordinated a 10 day Online Soft Skill Development Workshop** for final year students of Arts, Science & Commerce faculties in association with **Mahindra Pride Classroom** and **NAANDI Foundation.** (28th December, 2020 to 9th January, 2021).

5. Coordinator :

- a) Internal Quality Assurance Cell
- b) Soft Skill Development Programme

6. Life Member Indian Accounting Association

7. Vice President, Pune Chapter of Indian Accounting Association

8. Treasurer, IQAC Cluster India

9. Member IQAC, Shri Balaji Society's Balaji College of Arts, Commerce & Science, Pune.

10. Conducted Academic and Administrative Audit of Chandrashekhar Agashe College of Physical Education, Pune.

11. Conducted Mock NAAC Visit of Arihant College of Arts, Commerce and Science, Pune.

12. Resource Person for –

A. National Webinar on 'NAAC's Assessment Criteria for Accreditation' organised by Hansraj

- College, New Delhi. Session delivered on Criterion-I. (8th June, 2020).
- B. **Four day National Webibar** on 'NAAC Accreditation Process in the New Format' organised by JKC College, Guntur, Andhra Pradesh. (17th June, 2020).
- C. **National Webinar** on 'Data Validation and Verification and Student Satisfaction Survey' organised by Shrikrishna Mahavidyalaya, Gunjoti. (5th July, 2020).
- D. **National Webinar** on 'NAAC's Assessment Criteria for Accreditation' organised by Hansraj College, New Delhi under Paramarsh Scheme of UGC. Session delivered on Criterion-I. (26th September, 2020).
- E. **National Webinar** on 'AQAR, IIQA and SSR Preparation under Revised Assessment and Accreditation Framework' organised by Mahatma Gandhi Vidyamandir's Arts, Science and Commerce College, Surgana, Dist. Nashik in association with NAAC Bangaluru. (8th January, 2021).

13. Workshop/ Seminar attended -

- a. **Attended a Webinar** on 'Introducing Skill Oriented Courses in Universities and Colleges with Special Reference to NSQF' organized by Andhra Pradesh State Council of Higher Education and Akkineni Nageswara Rao College, Gudivada. (9th July, 2020)
- b. **Attended a Training Program** on '**Restructured Syllabus of Accountancy**' organised by Faculty of Commerce and Management, SPPU and conducted by BoS in Accountancy, SPPU, Pune. (10th July, 2020)
- c. **Attended a Webinar on** 'Online Teaching of Accountancy Subject Efficiently' organised by Indian Accounting Association, Pune Branch. (15th September, 2020)
- d. **Attended a One Day Online Inter-disciplinary National Webinar** on 'Effective

Teaching & Learning with Modern Technology' organised by Yashwantrao Chavan Arts, Commerce & Science College, Ambejogai, Dist. Beed. (23rd December, 2020).

- e. **Attended a State Level Capacity Building Workshop** for Teaching and Supporting Staff: 'Documentation for Career Advancement Scheme of Teachers and Information on Code of Conduct for Staff and Students' organised by R. J. College, Ghatkopar (W), and Mumbai. (6th April 2021).

d) Prof. Manjusha Kulkarni

· Guest Lecture;

Orientation towards Business Finance for M.Com students in Indira College, Wakad.

ITR, TDS & Advanced Tax for PG Diploma in Taxation in Indira College, Wakad

Indirect Tax for PG Diploma in Taxation in Indira College, Wakad

· Examination work:

Work as a chairman and member of a committee of M.com examination for examination in Indira College

· Ph.D.

Awarded Ph. D in Business Practices

e) Dr. Priyanka Bhamare

Selected as a subject expert for BOS in the subject International Business at TC College (Deemed Univ.), Baramati.

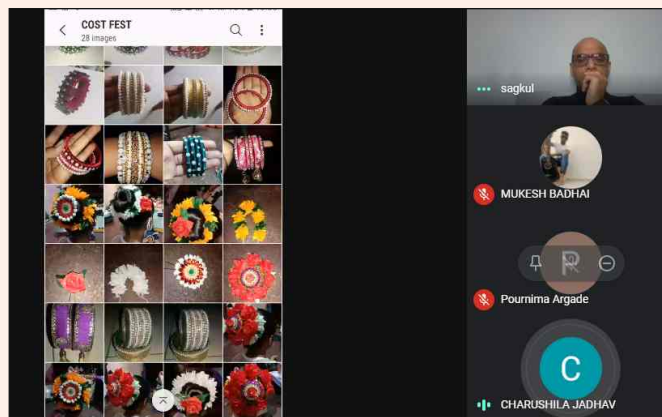
f) Dr. Pallavi Nikhare

Resource person in Effective Use of Google Tools in teaching, learning and evaluation' one week FDP organized by Modern College of Arts, Science and Commerce, Ganeshkhind, Pune - 16

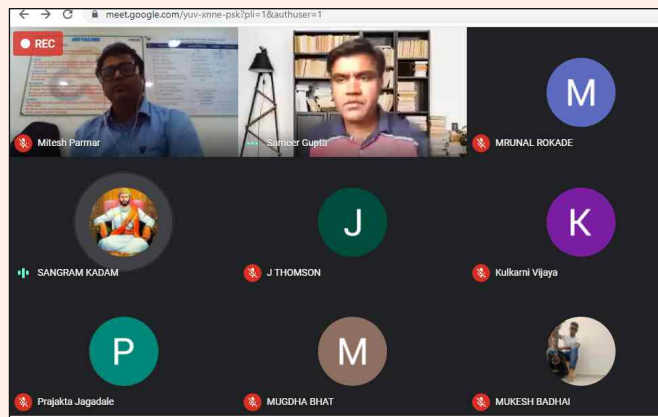
Prof. Dr. Shubhangi Joshi

Vice- Principal

Head - Department of Commerce



Inauguration and Product Presentation



Virtual Industry visit amcol india chennai plant



Commerce Banker Feature Forum - Old age Home Visit



Career in Baking

BBA (CA)/MCA

DEPARTMENTAL ACTIVITIES

BBA (CA) Department under faculty of Commerce organized many student centric activities like

A] "MAGNIT 2021": A Virtual Intercollegiate Competition

The Department of Computer Applications BBA(CA) under faculty of Commerce had organized a Virtual Intercollegiate event "MAGNIT 2021" on 4th, 5th & 6th February 2021. This is the fourth time the department presented this event on an intercollegiate level due to support of Modern College of Arts, Science and Commerce, Pune-16. The objective of this event was to explore and promote talents amongst our students. The **Chief Guest** for the Inauguration

function was **Mr, Ameya Nisal, Manager, Capgemini, Dr. Sanjay Kharat**, Principal, Modern College Arts, Science and Commerce, Ganeshkhind, Pune-16, **Prof. Parag Shah sir**, IQAC Coordinator, Modern College, Ganeshkhind, Pune-16. This year a total 155 students attended the inauguration function very actively.

"MAGNIT 2021" consisted of various competitions like:

1. E-Flyer Competition
2. Videography (Video making Competition)
3. Webometrics (Website Designing Competition)

Students from BBA (CA) and BCA course of various colleges actively participated in different competitions virtually. These Competitions were judged by Judges from Academics and Industry.

List of the Winners in Different Competition are:

1) The winners of E-FLYER Competition are:

- 1st) Chaitanya Digambar Gaikwad (Modern College, Ganeshkhind, Pune)
- 2nd) Rohan Selvaraj Charly (Modern College, Ganeshkhind, Pune)
- 2nd) Om Yogendra Patil and Prathamesh Anand Deshpande (Dr.D.Y.Patil College,Pimpri)
- 3rd) Anushka Alok Mehra and Gladdis Abraham Krishnan (Dr. D. Y. Patil College, Pimpri)
- 4th) Avirath Vijay Bahule and Shreya Vikas Parsewar (Modern College, Shivajinagar, Pune-5)

- Consolation Prize

2) The winners of VIDEOGRAPHY Competition are:

- 1st) Ankita Anil Gadhav (Modern College, Ganeshkhind, Pune)
- 1st) Om Dhiraj Jaunjil (Abasaheb Garware College)
- 2nd) Indrajeet Raghunath Mane (Modern College Ganeshkhind, pune)
- 3rd) Disha Chetan Shetty and Niyati Shantaram Naik (Modern College, Ganeshkhind, Pune)
- 4th) Samruddhi Yogesh Pandit (Modern College, Shivajinagar)- **Consolation Prize**

3) The winner of WEBOMETRICS Competition are:

- 1st) Farheen Sayeed (Modern College, Ganeshkhind, Pune)
- 2nd) Ankita Gadhav and Niyati Naik (Modern College, Ganeshkhind, Pune)
- 3rd) Rishabh Singh (Modern College, Ganeshkhind, Pune)
- 4th) Rupali Adekar (Modern College, Ganeshkhind, Pune)- **Consolation Prize**
- 4th) Sujit Verma (Dr. D. Y. Patil College,Pimpri) - **Consolation Prize**

This time winners were announced virtually right after each Competition and E-Certificates were distributed amongst the winners. Feedback forms were also filled by participants after each competition. This year total **102 students (59 Male and 43 Female)** were actively registered for MAGNIT 2021 event and also actively participated in all competitions.

B] Aptitude Test:

To prepare students for the selection process four tests were conducted this year. The topics covered are

1. Aptitude test conducted for FYBBA(CA), SYBBA(CA), TYBBA(CA) students on 15th February 2021 which was based on concepts Sequence of numbers & words ,Blood Relationship, Seating Arrangement with 171 participations.

C] Guest Lecture Series:

This year the department has organized Guest Lectures wherein experts from industry, academics and different fields guided students on Management, IT and Computer Programming related subjects. The details are as follows:

1. **Seminar on IPR (Intellectual Property Right)** on 23rd February 2021 by Dr. Ananya Bibave Vice Principal Modern Law College, Ganeshkhind, Pune -16
2. **Seminar on “The Disruptive Technology: BlockChian”** on 25th March 2021 by Mrs. Ranjana Sanjay Shevkar Assistant Professor Modern College of Arts, science and Commerce Ganeshkhind, Pune.

D] Virtual Parent and Alumni Meeting:

The Department of BBA (CA) conducted Parent-Alumni-Teacher Meet virtually in the month of January 2021 to introduce college virtually to the parents and also to communicate performance and progress of the alumni of our college.

E] Virtual Induction Program:

The Department of BBA (CA) organized an induction



program virtually for First year students on 15th and 16th September, 2020 to become aware and introduce college facilities and all staff members. In this program a small college tour was also organized as one of the activity to make students familiar with college campus.

F] Virtual Bridge Course:

Bridge course were conducted by the department of BBA (CA) for the first-year students in the month of September 2020 to revise, refresh and gain knowledge of some basic concepts like Computer Programming, Business Statistics and Business Accounting subjects. Expert lectures were organized to acquaint students with the expected proficiency in the respective subjects.

G] Placement Cell:

Online Guest Lectures were conducted for all the students of BBACA.

1. **Topic: "Challenges and Opportunities in Marketing"** on Date 27-1-21 Time: 12:00 noon to 1:00 pm By Dr. Karuna Jadhav.
2. **Topic: "Cloud Computing"** on Date 30-1-21 time : 11:00 am to 12:00noon By Uma Heda.

H] Book Courier Facility:

BBA(CA) Department has taken initiative to make available printed study books facility using Courier Seva to the needy students at their home place this year in this pandemic situation to avoid academic loss of students with the help of one of our staff member named Mr. Vinod Sarode.

STUDENT ACHIEVMENTS/ACTIVITIES:

- i) **Sonal Sharma** student of TYBBA (CA) Participated in the **Pencil Sketching competition on Animal Sketches** organized under DET-Zoo-Fest activity by Department of Zoology, R. J. College, Mumbai on 10th October 2020.
- ii) **Sonal Sharma** student of TYBBA (CA) successfully completed **NPTL Online**

Certification course titled "Introduction to Internet of Things."

- iii) **Ankita Gadhav** student of TYBBA (CA) has participated in the **National Level Online Quiz on "Test Your Skills of Internet of Things(IOT)"** organized by Department of Computer Applications, MIT Arts, Commerce and Science College, Alandi Pune on 21st May 2020.
- iv) **Vaishnavi Bhopale** student of TYBBA (CA) has successfully **completed online certification course "Beginning C++ Programming-From Beginner to Beyond"** dated 26th Feb 2021 on Udemy Platform.
- v) **Niyati Naik** student of SYBBA (CA) Participated in the **Pencil Sketching competition on Animal Sketches** organized under DET-Zoo-Fest activity by Department of Zoology, R. J. College, Mumbai on 10th October 2020.
- vi) **Niyati Naik** student of SYBBA (CA) has incurred consolation prize in Online E-Poster competition organized under Yuva Saptah 2021 by Modern College of Arts, Science and Commerce, Ganeshkhind, Pune 16 on 7/1/2021 to 12/1/2021.
- vii) **Niyati Naik** student of SYBBA (CA) has completed **Online Course Security and Privacy for Big Data** from EIT Digital.
- viii) **Sahil Jagtap** from SYBBA(CA) has been completed **Java Programming course** from great Learning.
- ix) **Sahil Jagtap** from SYBBA(CA) completed course **The fundamental of Digital Marketing** from Google Digital Garage.
- x) **Shubham Birajdar** from SYBBA(CA) has been completed **C programming course** from Disha Institute.
- xi) **Pranay Gupta** student of FYBBACA successfully completed **"Build a Face Recognition Application Using Python"** As a part of AI- For-India Event.

xii) **Pranay Gupta** student of FYBBACA successfully completed “**Vedic Mathematics “Certificate** Course conducted by Modern College of Arts, Science and Commerce, Ganeshkhind, Pune.

STAFF ACHIEVEMENTS/ACTIVITIES:

1. Suwarna Mhasekar :

- i) Attended a one-day online workshop on Syllabus restructuring of TYBBA(CA) CBCS 2019 pattern organized by Dr. D.Y. Patil College, Pimpri in association with SPPU on 17th May 2021.
- ii) Participated in the Two days National Level Workshop on Data Science, Analytics, AI & Tableau organized by the Kaveri college on 12th and 13th February, 2021.
- iii) Attended four days online Faculty Development program on “Implementation of BBA(CA) Sem IV Syllabus and Practical Slips Discussion” organized by Dr. D.Y. Patil College, Pimpri on 27th & 30th January 2021.
- iv) Worked as a Judge for E-Poster competition in INTERACTION 2021 Event organized by Computer Science Department of Modern College, Ganeshkhind, Pune.
- v) Worked as an In charge of Poster Competition in Yuva Saptaha 2021 organized by Modern College, Ganeshkhind, Pune.
- vi) Participated in one week Online Faculty Development Program on “E-Content Development and Delivery, Research Methodology and Autonomy” organized by Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 and Kamala Nehru Mahavidyalaya, Nagpur-24 in collaboration with RUSA, Maharashtra from 27th July 2020 to 1st Aug 2020.
- vii) Attended National Webinar on “Effective and efficient writing of research papers for Web of science, Scopus indexed journal and conference papers using typeset Research studio” organized

by Bharati Vidyapeeth (Deemed to be) University, Pune, India on 30th July 2020.

- viii) Participated in five days Faculty Development Program on “e-Content Development for Online Teaching” from 25th to 30th June 2020 organized by Modern College of Arts, Science and Commerce, Ganeshkhind, Pune.
- ix) Participated in the three days Faculty Development Program on “Use of Digital Tools for Effective Teaching and Learning” from 25th to 27th June 2020 organized by Dhananjay Rao Gadgil College of Commerce, Satara.
- x) Attended five days Faculty Development Program for BBA(CA) on “Syllabus implementation For CBCS pattern 2019” organized by Dr. D. Y. Patil College, Pimpri in association with SPPU from 15th June to 19th June 2020.
- xi) Attended six days Faculty Development Program on “Effective Curriculum Delivery under the CBCS-2019 pattern” for BBA / BBA (CA) Program under Commerce and Management organized by M.E.S Garware College, Pune in association with SPPU from 8th June to 13th June 2020.
- xii) Attended and Participated in Faculty Development Program on “E-Content Development For Teaching-Learning” organized by Arihant College of Arts, Commerce and Science, Camp, Pune from 1st June 2020 to 6th June 2020.
- xiii) Attended Two days National webinar on “Recent Trends in Computer Science and Research” organized by Dr. Annasaheb G.D. Bendale Mahila Mahavidyalaya Jalgaon on 1st & 2nd June 2020.
- xiv) Attended Webinar on “Data Science Simplified” on 1st June 2020 organized by M.E. S's Abasaheb Garware College, Pune.
- xv) Attended and Participated in Faculty Development Program on “Evolution from Offline to Online Teaching” organized by IQAC & FDP Committee, Satish Pradhan Dnyanasadhana College, Thane in association with Department of



- Information Technology, University of Mumbai & Yashwantrao Chavan Maharashtra Open University Nashik (Regional Centre, Mumbai) from 30th May 2020 to 3rd June 2020.
- xxvi) Attended National level webinar titled "How TO BE SECURE ONLINE" organized by Shri. M.D. Shah Mahila College of Arts and Commerce, Mumbai on 20th May 2020.
- xxvii) Attended National level webinar on 19th May 2020 titled "Fuzzy Logic-an Underestimated Tool Of Machine Learning" organized by Dnyan Ganga Education Trust's Degree College of Arts, Commerce and Science, Thane Department of B.SC (IT) in association with Internal Quality Assurance Cell.
- xxviii) Attended online Symposium on "THE ACADEMIC WRITING PROJECT" organized by Department of History, Satish Pradhan Dnyanasadhana College, Thane from 15th May to 17th May 2020.
- xix) Participated in 3 days webinar on "Machine Learning" organized by Department of IT/CS, Nagindas Khandwala College, Mumbai in association with Squad InfoTech from 14th May to 16th May 2020.
- xx) Participated in Online Webinar on 12th May 2020 titled "Artificial Intelligence" organized by M. S. College of Arts, Science, Commerce and BMS, Mumbai in association with The Magic Data.
- xxi) Attended International webinar on 11th May 2020 titled "Application of Chanakya Nitti on Modern Education" organized by Bunt's Sangha Mumbai Anna Leela College of Commerce & Economics and Shobha Jayaram Shetty College of BMS Department of Commerce in association with Mumbai University and College Teachers Association (MUCTA).
- xxii) Completed and participated in one-week online Faculty Development Program on "Java Programming" from 10th May to 14th May 2020 organized by IT Department, Sir Visvesvaraya Institute of Technology, Nashik.
- xxiii) Completed and participated in one week online Faculty Development Program on "PHP & MYSQL" from 8th May to 13th May 2020 jointly organized by Computer Engineering Department, Sir Visvesvaraya Institute of Technology, Nashik and IIT Bombay.
- xxiv) Attended webinar titled "Ethics in Research Publications" organized by University of Mumbai on 8th May 2020.
- xxv) Attended webinar titled "Online Teaching" organized by SPPU and Ahmednagar College (IQAC Dept.) on 7th May 2020.
- xxvi) Attended and participated in workshop "Introduction of data analysis on Microsoft excel" organized by KIEHS's Maharashtra College of Arts, Science and Commerce and Dr. Rafiqzaka Roa Center for post graduate studies and research on 5th & 6th May 2020.
- xxvii) Attended National Webinar on "Cyber Crime during Coronavirus Era: Prevention & Protection" on 4th May 2020 at 10:45 organized by Chandmal Tarachand Bora College Shirur, Pune.

2. Priti Deshmukh:

- i) Paper published on the topic "Study to Overcome Challenges in Learning The Fundamentals of Programming" in Pursuit Of Quality In Higher Education: An Indian Perspective, NAAC, Bangalore, India.
- ii) Completed 12 weeks NPTEL course on the topic "Introduction to Internet of Things."
- iii) Attended online workshop on the topic "Five Day Innovation Series on Patent Search and Filing" conducted by Turnip Innovation from 16th - 20th February, 2021
- iv) Attended one day online workshop on "Significance of Website in NAAC" conducted by K. J. SOMAIYA COLLEGE OF ARTS AND COMMERCE dt: 24th Oct, 2020.

3. Vinod Sarode:

- i) Participated in One Day National Webinar on "Intellectual Property Rights" organized by

Waghire College of Arts, Commerce and Science, Saswad on 6th March, 2021.

- ii) Participated in 3 Days Workshop on “Data Science (ML & AI)” delivered by Researcher & AI Expert , S.B. Infotech.
- iii) Participated in the Two Days National Level Workshop on Data Science, Analytics, AI & Tableau organized by the KAVERI COLLEGE OF ARTS, SCIENCE AND COMMERCE college through online platform on 12th & 13th February 2021.

4. Swati Patil:

- i) Completed Three Days online workshop on “Demonstration of software Testing (Automation)” organized by Department of Electronics and Telecommunication Engineering of Dr. Vithalroa Vikhe Patil College of Engineering,

Ahmednagar in association with Scripting Logic Pune.

- ii) Participated in online Two Days National Level Workshop on “Data Science, Analytics, AI and Tableau” organized by Kaveri College of Arts, Science and Commerce on 12th and 13th February 2021
- iii) Participated in a Four Days workshop online faculty development Program on implementation of SYBBA(CA) sem-IV syllabus and Practical Slips Discussion conducted by the Computer Science Department of Dr. D. Y. Patil ACS College, Pimpri Pune on 27th January 2021 to 30th January 2021.

Prof. Suvarna Mhasekar
Coordinator, BBA (CA)



“MAGNIT 2021”- A Virtual Intercollegiate Competition



BCA SCIENCE

DEPARTMENTAL ACHIEVEMENT

1. “**Diploma in Industry 4.0 and IIoT** ” has been designed in coordination with Future Chip Technologies. Two MoU signed with **Bi-Embedly Technologies, Pune and Abhinav Automation, Pune** for course training. Students will be benefited with the latest technologies through this course.
2. Weekly Lecture series on “ **Innovation based on LoRa and Arduino based Technologies**” by

department of BCA science.

INVOLVEMENT IN ACTIVITY

All the staff members Prof. Vrushali Shinde, Prof. Sonali K. Powar, Prof. Ishita Dixit, Prof. Deepak Kumbhar , Prof. Rutuja Mokashi and Prof. Roja Pogul actively contributed to the competition conducted under **Interaction 2021** organized by the Department of Computer Science and also in Yuva Saptah. BCA Students participated in Interaction 2021(Organized by the Department of Computer Science) and **Yuva Saptah** very actively and got awards in various competitions. **E-certificates** were provided to all the students for participation.



Staff Achievements

1. Prof. Deepak Kumbhar

- a. Worked as BCA course-**coordinator** and admission committee **in-charge**.
- b. Worked as mentor for the group of F.Y.B.C.A students.
- c. Worked as **resource person** for Workshop on “**Laboratory Safety and Maintenance**” for Non-teaching staff on 16th January 2021.
- d. Worked as a **resource person** for a workshop on “**M. Sc. Part II(Electronic Science) Elective Practical Course: Fundamentals of Internet of Things**” organized by Abasaheb Garware college pune on 29th August 2020.
- e. Organized **Induction program for F.Y.B.C.A** students from 11th to 13th September 2021.
- f. Attended and actively participated in a webinar on “**How to use VRIDDHI ONLINE admission along with online payment gateway**” organized by VRIDDHI SOFTWARE SOLUTIONS PVT. LTD on 23rd & 27th of May 2020.
- g. Actively participated in one week FDP on “**E-content Development and Delivery, Research Methodology and Autonomy**” organized by Kamala Neharu Mahavidyalaya Nagpur and Modern college Shivajinagar and RUSA from 27th July to 1st August 2020.
- h. Actively participated in a live webinar on “**Online Teaching**” organized by Savitribai Phule Pune University and Ahmednagar College on 7th May 2020.
- i. Successfully completed “**LaTeX Test**” organized by S.B. Patil College of Engineering, on 5th May 2020.
- j. Successfully completed “**Python 3.4.3 test**” organized by Abeda Inamdar Senior College of Arts, Science and Commerce, Pune on 8th May 2020.
- k. Actively participated in one week FDP on “**PYTHON 3.4.3**” by Department of BCA(Science) Abeda Inamdar Senior College of Arts, Science and Commerce, Pune in association with Spoken

Tutorial, IIT Bombay from 1st May 2020 to 8th May 2020.

- l. Actively participated in two day National Level Faculty Development Programme on, “**Facilitation Techniques and Online Tools for College Teachers**”, organized by Microbiology Department in association with Internal Quality Assurance Cell (IQAC), S.M. Joshi College Hadapsar, Pune-28 on 27th & 28th May 2020.
 - m. Actively participated in two days international webinar on “**Innovative research trends in Green Electronics and Allied Technology**” Department of Electronic Science Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati in association with RUSA from 2nd March 2021 to 3rd March 2021.
 - n. Actively participated in two days national webinar on “**Emerging trends and Technologies in Electronics**” Department of Electronic Science Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati from 5th Feb. 2021 to 6th Feb. 2021.
 - o. Delivered a lecture on “**Skill Development Approach: Lab to Product Design**” organized by the department of Electronic science under DBT star, S. N. Arts, D. J. Malpani Commerce and B. N. Sarda Science College, Sangamner on 29th Jan 2021.
- ### 2. Prof. Rutuja Mokashi
- a. Successfully conducted “**Moodle Hands-on Training Webinar Series**” in the months of April & May 2020 for the staff members of Modern College of Arts, Science and Commerce, Ganeshkhind, Pune.
 - b. Successfully conducted Five Days Faculty Development on “**e-Content Development for Online Teaching**” from 25 June 2020 to 30 June 2020.
 - c. Successfully conducted Quiz Competition and Video Contest in Interaction 2021.
 - d. Attended “**Online Awareness Quiz Program about COVID-19**” organized by Department of Statistics, Computer Science and IQAC of Rajarshi Chhatrapati Shahu College, Kolhapur.

- e. Participated in the International Web Seminar on “**Biodiversity Conservation and Sustainable Development**” organized by IQAC of Prof. Dr. N. D. Patil Mahavidyalaya, Malkapur in association with Modern Foundation, Amba.
- f. Participated in One Day National Webinar on “**Education platform for online teaching and learning**” organized by Department of Zoology, Rayat Shikshan Sanstha's Sharadchandra Pawar Mahavidyalaya, Lonand
- g. Participated in two day National Level Faculty Development Programme on, “**Facilitation Techniques and Online Tools for College Teachers**”, organized by Microbiology Department in association with Internal Quality Assurance Cell (IQAC), S. M. Joshi College Hadapsar.
- h. Participated in a Webinar on “**Chanakya and Management**” by Dr. Radhakrishnan Pillai, Deputy Director of Chanakya Institute of Leadership Studies (CILS), Mumbai

STUDENTS ACHIEVEMENT

Srujan Wadgaonkar SYBCA(Science):

- a. Actively Participated in online certification course on “Python for Data Science” by NPTEL,
- b. Actively Participated in “International Webinar on LoRa Technology” conducted by MIT Arts, Commerce and Science College, Alandi on July 11, 2020.
- c. Actively Participated in an online certification course on “Python for Data Science and Machine

Learning” organized by the Computer science department under DBT star, Modern college Ganeshind, Pune-16.

- d. Actively participated in the International E - Workshop on “Angular JS”, on 26th June 2020 organized by the Revolution Software Development Club under the Dept. of Computer Engineering, Vishwakarma University, Pune
- e. Qualified National Level E -Quiz on “ Artificial Intelligence” held on 24-6-2020 with a score of 75%. organized by Vidya Pratishthan's Arts, Science and Commerce College, Baramati.

GUEST LECTURE SERIES

Guest lecture series was organized for the students of BCA (Science). 120 students attended the lecture series.

Date	Time	Speaker	Topic
27-01-2021	12:00 PM to 2:00 PM	Mr. Atul Kahate	Data Science Opportunities
28-01-2021	10:00 AM to 12:00 PM	Dr. Ramesh Manze	Machine Learning
29-01-2021	10:00 AM to 12:00 PM	Dr. Jaishree Bangali	Intellectual Property Rights
30-01-2021	12:00 PM to 2:00 PM	Mr. Winit Anandpawar	Artificial Intelligence

Mr. Deepak Kumbhar

Coordinator, Head Department of BCA (Science)



Lab Visit - Induction Program



Skill based Training Program



BIOTECHNOLOGY (UG)

I. GUEST LECTURES:

1. Career counseling session by Dr. Anup Kulkarni, Ignitio Zealous Academy, Pune
2. Yoga and meditation session 'Power of Positivity' by Mrs. Gayatri Shrotriya was organized along with IWC GEN-Z
3. Interdisciplinary guest lecture was organized with department of Zoology on Avian Diversity by Dr. Sudhakar Kurhade

II. EXTENSION ACTIVITIES:

1. Anti addiction awareness program for school children Digital addiction was organized on 9th Sept. 2020 under DBT-STAR scheme and IWC Pune Imperial
2. Gender Sensitization (Diversity and Inclusiveness)- Guest lecture Jointly organised program on 25th Sept. 2020 by Department of Biotechnology, Department of Sociology and IWC. Resource person: Aparana Prabhudesai
3. Awareness program on Female Foeticide, Resource person: Pad. Sindhutai Saptkal organised by department of Biotechnology
4. Health and hygiene for girls student'- A session organized by Inner wheel club Pune Imperial and Vidyarthini Manch on 10th Nov. 2020)
5. Visit to Kolte Patil Labour camp distribution of food and playing games with children of labour camp by Inner wheel club Pune Gen-Z on 25th Jan. 2021
6. Swadhar_Ray of Hope NGO Pimpri Spending Time with HIV+children by Inner wheel club Pune Gen-Z on 22nd Feb. 2021
7. Tree plantation drive Vasundhara abhiya, IWC Gen-Z

III. PARENT-TEACHER MEETING:

- 1) F.Y.B.Sc.-23rd Jan. 2021, 10.30am
- 2) S.Y.B.Sc- 23rd Jan. 2021, 11.45am
- 3) T.Y.B.Sc. - 22nd Jan. 2021, 3.30pm

IV. EXTRACURRICULAR ACADEMIC STUDENT CENTRIC ACTIVITIES:

1. A scientific discussion platform entitled "KNOW THY WORLD" was conducted to enhance thinking and analytical capabilities in Students. Seminar and Discussion platform using Power Presentation on 23rd Jan. 2021
2. **Poster competition on "Biotechnology for Self Reliant India"** was organized on 10th Feb. 2021

V. STAFF ACHIEVEMENTS:

Dr. Pooja Rana:

- Completed Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of higher education" organized by Teaching - Learning centre Ramanujan College sponsored by PMMMNMTT), MHRD, Govt. of India (4th June, 2020 -1 July, 2020)
- Successfully completed Swayam-NPTEL Course on Experimental Biotechnology with score of 76%(Elite+silver) (12 weeks)
- Completed Enzymology Course on July 15, 2020 under Udeemy
- Authored Text Book on Metabolism, 2020-21, Nirali publisher, Pune
- Authored Text Book Bioanalytical Techniques 2020-21, Nirali publisher, Pune
- Attended International Conference on Infectious Diseases and Immunopathology (IDIP2021) organized by Department of Biotechnology, SPPU

Dr. Nivedita Das:

- Attended Two days National workshop on online teaching learning using LMS-Moodle by MY e classs and GAD-TLC (24/07/20-25/07/20)

- Authored Text book on Molecular biology 2020-21, Vision publisher, Pune
- Authored Text book on Cell biology 2020-21, Nirali publisher, Pune
- Worked as Reviewer for the Journal of Applied Pharmaceuticals
- Attended International E-Conference on Frontiers In Industrial Biotechnology AICTE sponsored and organized by Department of biotechnology St. JOSEPH'S College of Engineering, Chennai, in association with BRSI on 27/07/20-29/07/20.

Mrs. Vaishali Randive:

- Attended workshop "Literature Review" organized by School of Education. Gurunank Dev University, Amritsar, Punjab (27th - 28th Jan 2021)

Ms. Snehal Gagare:

- Resource person at Nanobiotechnology workshop organized by Dept. of Physics, Modern College Ganeshkhind, Pune, Session- 'Nanotechnology a step towards revolution in agriculture'
- Authored Text Book on Genetics, 2020-21, Nirali publisher, Pune

RESEARCH PUBLICATIONS:

1. TiO₂ nanoflowers based humidity sensor and cytotoxic activity, **RSC advances 10. 1039/d0ra05007e**
2. Antibacterial Potential And Phytochemical Screening Of Physalis Angulata And Solanum Virgianum, **IJRBT**, [http:// doi.org/ 10.29369/ijrbat.2021.01.1.0006](http://doi.org/10.29369/ijrbat.2021.01.1.0006)
3. Effect Of Withania Somnifera And Solanum Nigrum On Drought Induced Stress In Wheat, <http://doi.org/10.29369/ijrbat.2021.01.1.0014>

Dr. Priyanka Sharma :

- Received '**Best Woman Young Scientist'** Award in Biotechnology for the Year 2020 by

PEARL - A Foundation for Educational Excellence, Bangalore & Madurai India

- Participated in Science Leadership Workshop organised by CU Bathinda, Punjab (22nd-28th June 2020)
- Participated in a 3 days Hands-On Workshop - The BodhiTree and SAFE Tools for Effective Online Teaching: was organised by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT), MHRD, Govt. of India (June 2020)
- Participated in workshop on Data Analysis through SPSS for Effective Research Productivity organized by GNDU, AMRITSAR School of Education PMMNMTT), MHRD, Govt. of India in Collaboration with SPSS South Asia Pvt. Ltd. Organizes
- Completed FDP on Development of Teacher's e-kit and MOOCs in Four Quadrant Format of e-Content with GRADE "A+" organised by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi (12-20 September 2020)
- VIRTUAL COURSE ON VACCINE PRODUCTION: BASICS, PITFALLS AND TROUBLE-SHOOTING organized by Pune Knowledge Cluster (PKC) in partnership with Serum Institute of India Pvt. Ltd. (15th Jan to 5th Feb 2021)
- Attended workshop On Omics Data Analysis organised by Dept. of Biotechnology IIIT Noida (16th - 17th April 2021)
- Authored Text Book on Bioanalytical Techniques, 2020-21, Nirali publisher, Pune
- Contributed Book Chapter: Role of growth regulators (PGRs) in mitigation of heavy metal phytotoxicity in plants. In: Cellular and Molecular Phytotoxicity of Heavy Metals. Springer Nature, Switzerland 2020



Reviewer for Research Paper:

1. Environmental Science and pollution Research - Springer Nature
2. Environmental and Experimental Botany- Elsevier
3. Acta Physiologia Plantarum - Springer Nature
4. Environmental Science and Pollution Research- Springer Nature
 - Attended International Webinar Series on Plant Genomics
 - Attended 2nd Virtual International Conference on Naturopathy, Nanotechnology, Nutraceuticals and Immunotherapy in Cancer Research-2021; June 11-12, 2021 organised by School of Life Sciences & ACER and Microbiologist Society, India

Dr. Nivedita Das, Dr. Pooja Rana, Dr. Snehal Gagre and Dr. Priyanka Sharma -Completed FDP on 'e-content development for online teaching' conducted by Modern college Ganeshkhind, Pune (25.06.20-30.06.20)

Dr. Pooja Rana and Dr. Priyanka Sharma attended FDP on LMS-Moodle organised by SNDT Women's University Mumbai (27th July - 2nd Aug 2020)

VI. STUDENTS ACHIEVEMENTS:

A] Curricular and Cocurricular:

- Ms. Gouri Bhosale won 1st prize in caption contest, at YUVA SAPTAH 2021 organized by Modern college, Ganeshkhind, Pune
- Sarali Gulawani and Shweta Biradar - Participated in PPT competition organized by Sarhad College
- Sakshi Mane- Participated in World water Day Quiz organized by K.K.Wagh College, Nasik, Pencil sketch competition organized by Jhujhunwala College, Ghatkopar Mumbai, State level Course in "Basic Astronomy" organized by Dept of Physics, Modern college, Ganeshkhind, Pune

- Sanvedana Kamble and Rushikesh Thopate - Participated in World water Day Quiz organized by K.K.Wagh College, Nasik.
- Aditya Amrale - Participated in World water Day Quiz organized by K.K.Wagh College, Nasik, online e Quiz on Plastic pollution organized by Department of Botany, Modern college, Ganeshkhind, Pune
- Neha Halande and Prasad Kaknale - Participated in State level Course in "Basic Astronomy" organized by Dept of Physics, Modern college, Ganeshkhind, Pune
- Jayavarshini Balamurugan - Participated in E-Poster Competition at ANUBHUTI Science Exhibition organized by Modern college, Ganeshkhind, Pune, Pencil sketch competition organized by Jhujhunwala College, Ghatkopar Mumbai, Elocution Competition at YUVA SAPTAH 2021 organized by Modern college, Ganeshkhind, Pune, 20th National Level Microbiolympiad organized by Dept of Microbiology, Govt Institute of Science, Aurangabad
- Kaavya Iyer - Participated in Quiz competition Mimamsa 2021 organized by IISER, Pune
- Manasi vyal and Nupur Joshi - Participated in 20th National Level Microbiolympiad organized by Dept of Microbiology, Govt Institute of Science, Aurangabad
- Patil Neha - Participated in Handwriting Competition at YUVA SAPTAH 2021 organized by Modern college, Ganeshkhind, Pune
- Drashti Bhatt - Participated in Handwriting Competition at YUVA SAPTAH 2021 organized by Modern college, Ganeshkhind, Pune, Pencil sketch competition organized by Jhujhunwala College, Ghatkopar Mumbai
- Akhijith Pradeepkumar - Participated in Sir C.V Raman National Quiz competition organized by BJS college, Wagholi
- Achal Nawghade - Participated in World water

- Day Quiz organized by K.K.Wagh College, Nasik, online quiz on Plastic Pollution organized on 22 March, 2021 organized by dept of Botany, Modern College, Ganeshkhind, Pune
- Sadnya Kolhe - Participated in open WHO Course, May 10, 2020
 - Anushka Hande - Completed course on "Principles and practices of Neuro-Linguistics Programming" on Udemy
 - Sumedh Gaikwad - Participated and cleared online Devkiba Quiz on General Awareness organized by Smt. Devkiba Mohansinhji Chauhan College of Commerce and Science
 - Abhinav Varma - Received CEFR C1 in test of English Proficiency organized by British Council
 - Aditi Navale - Completed online German language (A1&A2), Participated in e-poster competition on covid-19 under DBT star scheme by Fergusson college, Pune
 - Riddhi Kantaria - Consolation prize in Mastermind Psychology quiz, Yuva Saptah, and 2nd prize in Rangoli competition, Yuva Saptah, Modern college, Ganeshkhind, Pune
 - Himani Satelkar - Participated in Hand writing competition, Yuva Saptah, Modern college, Ganeshkhind, Pune
 - Bhakti Ghumatkar - Participated in Plastic Pollution quiz organised by the department of Botany, Modern college, Ganeshkhind, Pune
 - Rutuja Kale - Participated in Quiz on Annular Solar Eclipse 2020 organised by Vigyan Parisar and My Gov, The Ayush Sanjivini Quiz, organised by Ministry of Ayush and My Gov., virtual workshop on Drug design and discovery on 28th May 2020, organised by department of Biotechnology, Bansal Institute of Engineering and Technology, Lucknow, Digital addiction awareness program under DBT star status scheme, Modern college, Ganeshkhind and IWC, Pune Imperial
 - Pranali Balghat, Siddharth Nair, Preeti Naik, Shripad Chandershekar Naik, Girish Kulkarni, Sara Vinchunkar, Aakash Wagh - Participated in Digital addiction awareness program under DBT star status scheme, Modern college, Ganeshkhind and IWC, Pune Imperial
 - Anjali Shinde - Participated in Plastic Pollution quiz organised by the department of Botany, Modern college, Ganeshkhind, Pune, pencil sketching competition on Animal Sketches under DBT-Zoo-Feston 10th Oct 2020 organised by R.J. College Mumbai, Digital addiction awareness program under DBT star status scheme, Modern college, Ganeshkhind and IWC, Pune Imperial
 - Apeksha Pathak - Participated in Ayush Sanjivini Quiz organised by Ministry of Ayush and My Gov., Digital addiction awareness program under DBT star status scheme, Modern college, Ganeshkhind and IWC, Pune Imperial
 - Shruti Arvikar - Attended 4 days course on Basics of Nano science under DBT star college scheme by department of Physics on 10-13th Feb 2021. Modern college Ganeshkhind, Pune, Participated in Sir C.V.Raman Memorial National level Science Quiz competition on 28th Feb 2021 by BJS, college Wagholi, Pune, State level World Water Day Quiz BIOSPECTRA by K.K.Wagh college Nashik
 - Pratiksha Dange - Participated in Biodiversity Quiz on International Day for biological Diversity on 22nd May 2020. by Vidya Pratishtan ASC, Baramati, State level World Water Day Quiz BIOSPECTRA by K.K.Wagh college Nashik
 - Trusha Dange - Participated in Digital addiction awareness program under DBT star status scheme, Modern college, Ganeshkhind and IWC, Pune Imperial, Caption Contest on YUVA SAPTAH, 1st prize in Master mind Psychology Quiz, YUVA SAPTAH, Participated



in State level World Water Day Quiz BIOSPECTRA by K.K.Wagh college Nashik, Webinar on Biomedical NLP by NCCS,IISER and Persistent.Project Manav, Online e-quiz on Plastic Pollution by department of Botany, Modern college Ganeshkhind, Pune, Completed with 100% General knowledge quiz by department of Geography, ShriVijaysinha, Mahavidyalaya, Peth Vadgoan, dist Kolhapur.

- Aarti Bhujbal - Participated in pencil sketching competition on Animal Sketches under DBT-Zoo-Feston 10th Oct 20220 organised by R.J. College Mumbai

- Tejaswini Khiratkar -Attended 4 days courseon Basics of Nano science under DBT star college scheme by department of Physicson 10-13th Feb 2021.Moden college Ganeshkhind, Pune, Participated in Handwriting competition under YUVA SAPTAH, State level Online Water Day Quiz organised by K.K.Wagh college Nasik

B] Sports:

- Pratiksha Dange -Winner in Virtual Marathon organised by COEPZest 2021on 24&25th Feb 2021IPR& its relevance

Dr. Rekha Gupta

Head - Department of Biotechnology

BIOTECHNOLOGY (PG)

ACADEMIC ACTIVITIES:

GUEST LECTURES:

- Dr. Ravi Shukla, Associate Professor, RMIT University, Australia “Nanobiotechnology and its applications in life sciences” on 8th June 2020
- Dr. Ashish Kumar Srivastava, Scientist F, Bhabha Atomic Research Centre, Mumbai, “Genome editing in plants” on 19th June 2020

EXTRACURRICULAR ACADEMIC STUDENT CENTRIC ACTIVITIES:

- Department of Biotechnology (DBT), Government of India Sponsored 'Online Slogan writing Competition' on 22nd May 2020. The central theme for the competition was 'Mother nature for Human Health and Healthcare'.
- Department of Biotechnology (DBT), Government of India Sponsored 'DBT Star National Lecture Series' on 1st and 2nd February 2021.

STAFF ACHIEVEMENTS:

Dr. Vinay Kumar

Academic and administrative responsibilities/ achievements

APPOINTED AS A RESOURCE PERSON

- Member, DBT (Govt. Of India) Expert Committee for Evaluating Star College proposals (2018-21)
- Member, Expert Panel for Evaluating Grant Proposals, National Science Centre, Govt. of Poland
- Member, Reviewer/Expert Panel for Grant Proposals (REPRISE), Government of Italy, Italy
- Coordinator, DBT Star Status, Modern College, Ganeshkhind, Pune
- Coordinator, DST-FIST Program, Modern College, Ganeshkhind, Pune
- Member, Board of Studies, B. Voc., Savitribai Phule Pune University, Pune
- Member, Board of Studies, M.Sc. Medical Biotechnology, MGM Institute of Health Sciences, Navi Mumbai
- Member, IQAC, Modern College, Ganeshkhind
- SAGE University, Indore, Delivered an invited talk on “Research – Quality Benchmarks and Publications” on 21/05/2020
- Mata Gujri Mahila Mahavidyalaya, Jabalpur, Madhya Pradesh, Delivered a talk on “Research Quality Indicators, Ethics and Publications, in

National Webinar on “NAAC Criterion III – Research Innovation and Extension: Its Challenges and Opportunities as per NAAC New Guidelines” 26/05/2020.

- Nirmala College for Women, Coimbatore, Tamil Nadu Delivered a talk on “Research Quality Indicators, Ethics and Publications, in Faculty Development Program on “Life Science for Enhancing Human Life” 28/05/2020
- Government Science College, Jabalpur, Madhya Pradesh, Delivered a talk on “Research – Quality, Ethics and Dissemination” in National Webinar on “Research Innovation and Extension, Criterion 3 of NAAC Assessment under revised accreditation framework” 24/06/2020.
- IQAC Cluster, India, Delivered a talk on 'quantitative matrices, calculations and terminologies for research publications' in National Webinar on “Documentation useful for IQAC primarily with the focus on NAAC Accreditation” 20/10/2020.
- School of Biomedical Sciences, MGM Institute of Health Sciences, Mumbai, Delivered a talk on “Research: Documentation, Indices, Calculation and Ethics” in Faculty Development Program” 05/01/2021
- MGM University, Aurangabad, Delivered a talk on “Research – Dissemination, Quality Benchmarks and Indices' in Two-day National Workshop on Interdisciplinary Research: Frontiers and Opportunities in Post-Covid World” 06/04/2021

Involvement in organization of the events in the college

1. Coordinator, Department of Biotechnology (DBT), Government of India Sponsored 'Online Slogan writing Competition' organized at Modern College, Ganeshkhind, Pune, on 22nd May 2020.
2. Coordinator, Department of Biotechnology (DBT), Government of India Sponsored 'DBT Star National Lecture Series' organized at Modern

College, Ganeshkhind, Pune, on 1st and 2nd February 2021.

Ongoing Research projects:

1. Principal Investigator, SERB-DST, Government of India funded research project entitled “Identification of novel and conserved sodium-responsive miRNAs and their target genes modulating salinity stress during reproductive phase in rice cultivars”, sanctioned amount Rs. 28 Lakhs
2. Principal Investigator, DAE-BRNS, Government of India funded research project entitled “Identification and functional characterization of salt responsive conserved and novel miRNAs in soybean”, Sanctioned amount Rs 35 Lakhs
3. Coordinator, DST-FIST (second cycle), Department of Science and Technology, Govt. of India, Sanctioned amount Rs. 75 Lakhs
4. Principal Investigator/ Coordinator, DBT-BUILDER, Department of Biotechnology, Govt. of India, Sanctioned amount Rs. 2.5 Crores

Research Guidance:

1. Ph.D. Thesis Submitted – Mr. Braj Mohan submitted PhD thesis (Biotechnology) of Savitribai Phule Pune University, Pune under my guidance

BOOKS PUBLISHED:

1. Kumar V, Srivastava AK, Suprasanna P. 2021. Plant Nutrition and Food Security in the Era of Climate Change. Academic Press (Elsevier). 978-0-12-822916-3
2. Kumar V, Shriram V, Paul T, Thakur M. 2021. Antimicrobial resistance - Underlying mechanisms and therapeutic approaches. Springer Nature. 978-9-81-163119-1. DOI.10.1007/978-981-16-3120-7

Research/Review Articles published:

1. Khare T, Mahalunkar S, Shriram V, Gosavi S, Kumar V*. 2021. Embelin-loaded chitosan gold



- nanoparticles interact synergistically with ciprofloxacin by inhibiting efflux pumps in multidrug-resistant *Pseudomonas aeruginosa* and *Escherichia coli*. *Environmental Research* 199:111321. doi: 10.1016/j.envres.2021.111321. Impact Factor: 5.715
2. Zhou X, Joshi S, Khare T, Patil S, Shang J, Kumar V*. 2021. Nitric Oxide, Crosstalk with Stress Regulators and Plant Abiotic Stress Tolerance. *Plant Cell Reports* doi: 10.1007/s00299-021-02705-5 Impact Factor: 3.82
 3. Tiwari P, Khare T, Shriram V, Bae H, Kumar V*. 2021. Plant Synthetic Biology for Producing Potent Phyto-Antimicrobials to combat Antimicrobial Resistance. *Biotechnology Advances* 48:107729. doi: 10.1016/j.biotechadv.2021.107729. Impact Factor: 10.74
 4. Khare T, Joshi S, Kaur K, Srivastav A, Shriram V, Srivastava AK, Suprasanna P, Kumar V*. 2021. Genome-wide in silico Identification and Characterization of Sodium-Proton (Na⁺/H⁺) Antiporters in Indica Rice. *Plant Gene* 26:100280. doi: 10.1016/j.plgene.2021.100280
 5. Khare T, Dange D, Jadhav A, Shriram V, Gosavi S, Kumar V*. 2021. Nano-Boehmite induced oxidative and nitrosative stress responses in *Vigna radiata* L. *Journal of Plant Growth Regulation* doi: 10.1007/s00344-021-10303-8. Impact Factor: 2.7
 6. Zhou X, Joshi S, Patil S, Khare T, Kumar V*. 2021. Reactive Oxygen, Nitrogen, Carbonyl and Sulfur Species and their roles in Plant Abiotic Stress Responses and Tolerance. *Journal of Plant Growth Regulation* doi: 10.1007/s00344-020-10294-y (Springer). Impact Factor: 2.7
 7. Joshi S, Kaur K, Khare T, Srivastava AK, Suprasanna P, Kumar V*. 2021. Genome-wide identification, characterization, and gene expression analyses of soybean NHX-type (Na⁺/H⁺) antiporters. *3 Biotech* 11:16. <https://doi.org/10.1007/s13205-020-02555-0> (Springer). Impact Factor: 2.39
 8. Khare T, Srivastava AK, Suprasanna P, Kumar V*. 2020. Individual (Na⁺ and Cl⁻) and Additive Stress Impacts of NaCl on Proline Metabolism and Nitrosative Responses of Rice. *Plant Physiology and Biochemistry* 152:44-52. doi: 10.1016/j.plaphy.2020.04.028. (Elsevier). Impact Factor: 3.72
 9. Wani SH, Kumar V, Khare T, Guddimalli R, Parveda M, Solymosi K, Suprasanna P, Kavi Kishor PB. 2020. Engineering Salinity Tolerance in Plants: Progress and Prospects. *Planta* 251:76. doi: 10.1007/s00425-020-03366-6. (Springer). Impact Factor: 3.4
 10. Shaikh S, Shriram V, Khare T, Kumar V*. 2020. Biotic elicitors enhance diosgenin production in *Helicteres isora* L. suspension cultures via up-regulation of CAS and HMGR genes. *Physiology and Molecular Biology of Plants* 26:593-604. doi: 10.1007/s12298-020-00774-6. (Springer). Impact Factor: 2.0
 11. Yu Z, Tang J, Khare T, Kumar V*. 2020. The Alarming Antimicrobial Resistance in ESKAPEE pathogens: Can Essential Oils come to the Rescue? *Fitoterapia* 140:104433. doi: 10.1016/j.fitote.2019.104433. (Elsevier). Impact Factor: 2.91
 12. Zhou X, Khare T, Kumar V*. 2020. Recent trends and advances in identification and functional characterization of plant miRNAs. *Acta Physiologiae Plantarum* 42:25. doi: 10.1007/s11738-020-3013-8. (Springer). Impact Factor: 1.76
 13. Wani SH, Kumar V, Khare T, Tripathi P, Shah T, Ramkrishna C, Aglawe S, Mangrauthia SK. 2020. miRNA applications for engineering abiotic stress tolerance in plants. *Biologia* 75:1063-1081. doi: 10.2478/s11756-019-00397-7 (Springer). Impact Factor: 0.9
- Invited Chapters published in Reference Books:**
1. Khare T, Srivastav A, Kumar V* (2020). Calcium/Calmodulin activated protein kinases in

- stress signaling in plants. In: Pandey GK (Ed.) Protein Kinases and Stress Signaling in Plants: Functional Genomic Perspective. John Wiley & Sons Ltd.
- Penna S, Negi P, Kumar V. 2020. Genomics and epigenetics of plant abiotic stress. In: Fink (Ed) Stress Genetics, Epigenetics and Genomics, doi 10.1016/B978-0-12-813156-5.00005-4. Elsevier
 - Yadav A, Singh J., Ranjan K, Kumar P, Khanna S, Gupta M, Kumar V, Wani SH, Sirohi A. 2020. Heat Shock Proteins: Master Players for Heat-stress Tolerance in Plants during Climate Change. In: Wani SH, Kumar V (Ed), Heat Stress Tolerance in Plants, pp189. doi: 10.1002/9781119 432 401.ch9. Wiley, UK

Appointed Editor for the following journals:

- Editor, Journal of Plant Growth Regulation, Springer Nature, Germany
- Guest Editor, Physiologia Plantarum, John Wiley and Sons, UK
- Editor, the Natural Products Journal, Bentham Science, UAE
- Guest Editor, Current Topics in Medicinal Chemistry, Bentham Science, UAE

Dr. Geetanjali Litake

- Attended a Faculty Development Program (FDP) on “Building Startup and Innovation Centres” conducted at Center for Innovation, Incubation and Enterprise, Savitribai Phule Pune University, Pune, under the scheme PMMMNMTT (MHRD's FDC-UGC-HRDC), 26-30 October 2020

Dr. Uttara Oak

- Member of PIG for DST –FIST 2019 scheme
- Member of the committee for scheme of DBT-BUILDER
- In-charge Criterion III

Member of organizing committee

- DBT Star National Lecture Series – 1st and 2nd February 2021

- Swarmadhuri 2020-21
- NIRF 2020-21

Dr. Monica Jamla

- Attended a training program on “Basics of Nanoscience” at Modern College, Ganeshkhind, Pune 16 on 10th to 13th February 2021.

Ms. Kawaljeet Kaur

PUBLICATIONS

- K Kaur**, Rebecca Thombre. 2021. Nanobiotechnology: methods, applications, and future prospects. In: Sougata Ghosh, Thomas J. Webster (Eds) Microbes and Plant Assisted Synthesis of Nanoparticles, Mechanisms and Applications. Nanobiotechnology: 1-20. Elsevier. doi: 10.1016/B978-0-12-822878-4.00001-8
- Khare T, Joshi S, **Kaur K**, Srivastav A, Shriram V, Srivastava AK, Suprasanna P, Kumar V*. 2021. Genome-wide in silico Identification and Characterization of Sodium-Proton (Na⁺/H⁺) Antiporters in Indica Rice. Plant Gene 26:100280. doi:10.1016/j.plgene.2021.100280
- Joshi S, **Kaur K**, Khare T, Srivastava AK, Suprasanna P, Kumar V*. 2021. Genome-wide identification, characterization, and gene expression analyses of soybean NHX-type (Na⁺/H⁺) antiporters. 3 Biotech 11:16. <https://doi.org/10.1007/s13205-020-02555-0> (Springer). Impact Factor: 2.39

MEMBER OF ORGANIZING COMMITTEE

- DBT Star National Lecture Series – 1st and 2nd February 2021

Dr Amrita Srivastav

PUBLICATIONS

- Medhi S, Narvekar S, **Srivastav A**. Repurposing of a muscle relaxant drug thiocolchicoside as an anticancer agent. MGM J Med Sci 2021;8:33-43. DOI: 10.4103/mgmj.mgmj_87_20
- Dhorje S, Lavhate P, **Srivastav A**. In silico drug repurposing: An antifungal drug, itraconazole,



repurposed as an anticancer agent using molecular docking. MGM J Med Sci 2020;7:110-8
DOI: 10.4103/mgmjms_31_20

STUDENTS ACHIEVEMENTS:

1. Placement Record: List of students placed

Sr. No.	Name of students	Name of Employer and contact details
1	Ms. Kawaljeet Kaur	Modern College, Ganeshkhind
2	Juili Tupe	KF Bioplants Pvt. Ltd.
3	Anish Rajendran	Serum Institute of India Private limited
4	Shubham Nimbalkar	Serum Institute of India Private limited
5	Namrata Kalamkar	Ascentrik Research Pvt. Ltd. Pune
6	Poonam Lavhate	NARI, Pune
7	Vijayalaxmi Reddy	NARI, Pune
8	Ashwini Kshirsagar	Syneos Health
9	Simran Narvekar	Athena, Pune
10	Darshani Ghode	Genetek life sciences Pvt Ltd.
11	Tejaswini Sutar	Bharti Vidhyapeeth Hospital, Sangli

2. Research / Internship data:

Sr. No.	Name of students	Name of Employer and contact details
1	Kirti Arjun Sharma	Introduction to R from Online Great Learning Platform
		Build a Face Recognition Application using Python as a part of AI-For-India-Event from Online Platform GUVI.
		2 days QSAR Modeling Workshop from LifeGenBio LLP
		Completed hands-on Computer aided drug design Workshop from Learntoupgrade.
		Completed Biomedical Nanotechnology Course from NPTEL Swayam along with completing its exam.
		Participated in Yuva Saptah handwriting competition (English, Hindi, Marathi), YuvaSaptah, Modern College Ganeshkhind
		Secured Consolation rank in Master Mind- Psychology Quiz competition, YuvaSaptah, Modern College Ganeshkhind
2	Altekar Smruti Satish	Internship at Mylab Discovery Solutions
		NPTEL Course-Introduction to Biostatistics
3	Pandhare Ojasi Priyadarshi	Completed Basics of Drug Design Course- Udemy

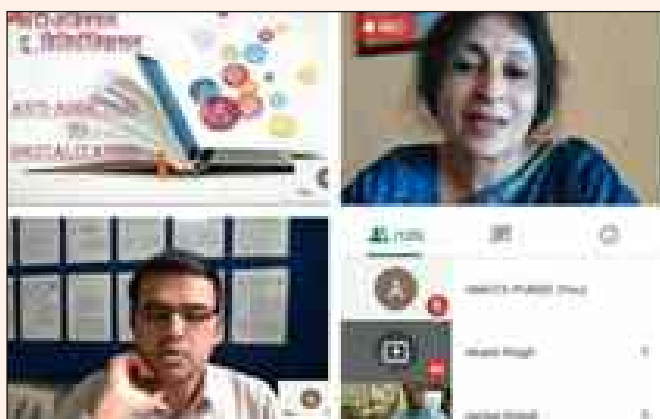


		Attended DBT sponsored National workshop under
4	Baviskar Parag Sudhakar	Completed CSIR NEIST Summer Internship 2020
		Completed QSAR Modelling
		Completed program on basics of Nanoscience
		Workshop on tools and techniques for analysis of skin microbiome
		Webinar on Genome editing to enhance multiple diseases resistance in crop plants
5	Dhawale Payal Ravsaheb	Completed Biomedical Nanotechnology course From NPTL & Swayam with exam , Completed National level hands on workshop -Computer aided drug design from Learn to upgrade , participated in Yuva saptah - handwriting competition- Marathi, Hindi, English, participated Mehendi competition got 2nd rank-by Modern college ganeshkhind Pune
6	Yadav Chaitrali Dhananjay	Hand writing English yuva saptah 3rd prize
		Hand writing Marathi participation
		Attended seminar basics of nanoscience
		Bioinformatics workshop on phylogenetic and molecular docking
7	Kumbhar Gaurav Rajendra	Internship at Mylab Discovery Solutions , Pune
8	Gawande Prachi Subhash	Attended seminar " Basics of Nanoscience"
9	Khairnar Hemangi Udaykumar	Immunoinformatics (Epitopes/ Antigen Database study)- virtual workshop held by Decode life .org
		Multiomics workshop (Python overview, Linux Basics, NGS Overview)- virtual workshop held by Decode life.org
		Bioinformatics workshop(Docking and phylogenetic analysis)- virtual workshop held by The Scientific Factor.
		DBT sponsored National Workshop under Star College Scheme on 'Molecular Docking in Drug Design' organized by Department of Microbiology,Ram Lal Anand College, University of Delhi.
10	Pillay Kalyani Ramkumar	Immunoinformatics (Epitopes/ Antigen Database study)- virtual workshop held by Decode life .org
		Multiomics workshop (Python overview, Linux Basics, NGS Overview)- virtual workshop held by Decode life.org
		Bioinformatics workshop(Docking and phylogenetic analysis)- virtual workshop held by The Scientific Factor.
		DBT sponsored National Workshop under Star College Scheme on 'Molecular Docking in Drug Design' organized by Department of Microbiology,Ram Lal Anand College, University of Delhi.

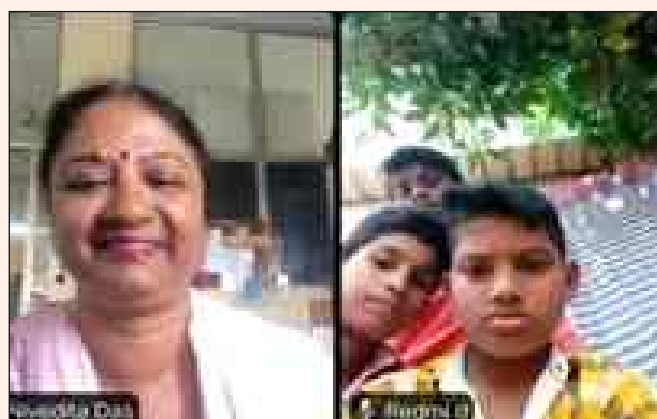


		Molecular modeling course by biotechnika
		Celebrating 18 years of successful BT cotton cultivation in India- Biotechnika webinar
		Encoding the world with Po Brinson and Arvind Gupta- Biotechnika webinar
11	Bhogi Namrata Venkatesh	DBT sponsored National Workshop under Star College Scheme on 'Molecular Docking in Drug Design'.
		Course on Basics of CADD from Udemy
		Course on Computer Aided Drug Design from Udemy
		Webinar on 'Role of Bioinformatics in Computer Aided Drug Design/Discovery'
		LLB Journalism Webinar on "Overview Of Dassault Systemes BIOVIA (formerly Accelrys) Discovery Studio"
		International virtual conference on Computer-Aided Drug Design Organized by Department of Pharmacy, BITS Pilani
		Webinar on How to write a successful PhD proposal organized by EURAXESS.
		Webinar On "Translating the Breast Cancer Genome".
		Course on Basics of Nanoscience
		Bioinformatics workshop on Phylogenetics and molecular docking
		Quiz on Current affairs during COVID 19
		Course on Molecular Modelling from Biotechnika
12	Gala Bhavika Sanjay	Internship at Athena Consultancy, Pune.
		Training from Springfest IIT Kharagpur in Molecular Biology and Biochemistry Techniques
		Record of Achievement for Introduction to COVID-19: Methods for detection, prevention, response and control - A Health Emergency Programme by World Health Organization (WHO)
		Participation in Severe Acute Respiratory Infection (SARI) Treatment Facility Design by World Health Organization (WHO)
		Participated in Yuva Saptah Handwriting Competition in English, Hindi and Marathi in Modern College, Ganeshkhind, Pune
13	Revati Lakhe	Short course on "Bioinformatics and Tools master" by Biotechnika(21/07/20),
		Sinhgad college of Science(IQAC)- Covid-19 awareness quiz(14/05/20),
		DDH 2020(CSIR July-August,2020),

		NPTEL-SWAYAM Certification course-Biomedical nanotechnology(Sept-Oct-2020), Artificial intelligence workshop in Drug Discovery by CSIR NEIST(1/09/20), CSIR SRTP(June-August, 2020), Two Day National Webinar by Dept of Biotechnology, Jyoti Nivas college, Bnagalore(3rd and 6th July,2020), A Webinar on Biomolecules by MDPI(1/07/2020), Udemy-Complete Job and Resume(4th June,2020)and Webinar on Chemistry and Biology of Natural Products by CSIR NEIST(24th and 25th July,2020), 1 month online teaching to students of Jyoti Nivas College(Short term Course).
14	Aniket Bhujbal	Course - National level competition association with E-cell fest (IIT Kharagpur) 1)Computer aided drug design and Discovery 2) Artificial intelligence in Healthcare
15	Shreevatsa Deogaonkar	Paper publication
16	Rishav Mukherjee	Various singing and music composition competitions
17	Divya S. Gaikwad	Astrobiology course by Amity University.
18	Omkar .R. More	Attended 4 days course on "Basis of Nanoscience" from 10 to 13 February 2021
19	Mustafa Inamdar	Biotech Talks- conducting a talk show which aims to discuss important life sciences topics with research scholars.



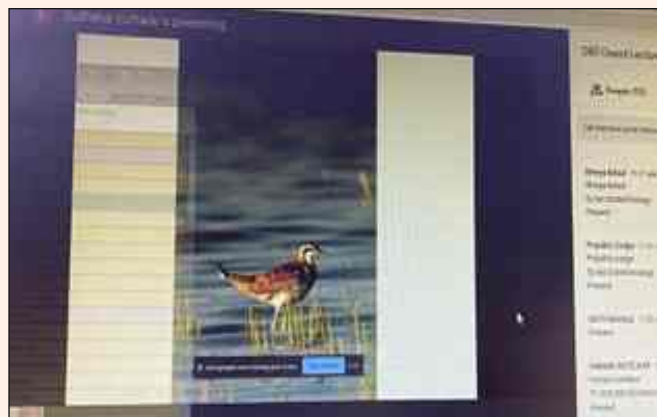
Anti-Digital Addiction Session under DBT STAR Scheme



Anti-Digital Addiction session at Katke School



Power of Positivity



Guest Lecture on Avian Diversity

BOTANY

DEPARTMENTAL ACTIVITIES

A. Guest lecture

1. Mrs. Ketaki Ghate on "Wetland Ecology and Restoration" on thursday 21 January 2021, 9.30 – 11.00 am (123 participant) on google meet
2. Dr. Savita Rahangdale on Wetlands of Pune District" on Tuesday, 2nd February 2021 (12.30 – 2.00 pm) (73 participant)
3. Mrs. Ashwini Deshmukh on Food: the Medicine on Monday, 8th March 2021 (90 participant)
4. Mr. Vinod Bodhankar, Conservation of water through people participation, Monday, 22nd March 2021(79 participant)

B. EXHIBITIONS/SEMINARS/TRAINING COURSES CONDUCTED:

1. Conducted Certificate course in "Basics of phytochemistry" for SY B.Sc student from 10.02. 2021 – 27 – 02-2021 (125 students)

C. OUTREACH ACTIVITIES:

1. "Online intercollegiate poster competition on wetland and water" on occasion of world wetland day 2021 on 2nd February 2021 for UG students (100 students)
2. "E – quiz on Plastic pollution" from 20th – 25th March 2021 for UG and PG students (475 students)

3. Online "Survey on People Perception towards Plastic Use" for students and parents from 1st – 10th April 2021. (337 participants)
4. 15 students have participated in "Virtual Ramnadi Parilrama" organized by Kirloskar Vasundhra Group, Pune on 27th February 2021.
5. 8 FY B.Sc. students have participated in "Ramnadi photowalk" on 6th February 2021.

D. STUDENT ACHIEVEMENT:

1. Mr. Rounak Pandit (FY B.Sc) received first prize in Ramnadi Photo walk competition held on 6th February 2021 by Ramnadi Restoration mission Group of Kirloskar vasundhra, Pune
2. Eight students of FY B.Sc participated in Ramnadi Photowalk on 6th February 2021
3. Ms. Shruti Kasote (FY B.Sc) received 3rd Prize in online "Poster competition on wetland and water conservation" organized by Dept. of Botany, Modern College, GK, Pune.
4. Ms. Dipanvita Bhunia (SY B.Sc) successfully completed 15 days "Amateur Naturalist Training Program" conducted by WWF India, Maharashtra state office in the month of March 2021.

E. STAFF ACHIVEMENT

1. Dr. Prachi Raval

- 1] Indo-sri lanka International Webinar on Global trends in Algal Research organized by Moratuwa Research Institute of Environmental Restoration,

Biomass Valorization & Sustainability on 8- 9 th March 2021.

2] XLIII All India Botanical Conference of the Indian Botanical Society at CSIR- National Research Institute, Lucknow on 19 -21 March 2021 on “ Sustainable Development of Plant Resources Conservation of Threatened Plants in Botanic Garden”.

3] Attended Five day FDP on “**E-Content Development for Online Teaching**” organized by Modern College of Arts, Science and Commerce, Ganeshkhind, Pune, from 25 – 30th June 2020.

2. Dr. Prachi kshirsagar

- Completed “**Short E- course in Sericulture**” conducted by Department of Zoology Shri. R. L. T. College, Akola from 11th – 14th May 2020.
- Completed online course in “**Basics in Chromatography**” jointly organized by DIPAM foundation and Sheth M. N. college, Patan (Gujrat) from 7th to 16th May 2020.
- Attended Five day FDP on “**e-content development for online teaching**” organized by Modern College of Arts, Science and Commerce, Ganeshkhind, Pune, from 25 – 30th June 2020.
- Webinar on “**Man Animal Conflict**” by Shri Sunil Limaye organized by D. &S.H. National college and S.W.A. science college, Bandra, Mumbai on 18th May 2020 at 11.00 – 12.30 pm
- Webinar on “**Microscopy**” by Mr. Shivam Goyal organized by Dept. of Botany SevaSadan's R. K. Talreja College of Arts, Science and Commerce, Ulhasnagar in association with Labline stock centre on 20th May 2020
- webinar on “**Molecular Taxonomy and DNA Barcoding: Concepts, Methods and Applications**” organized by the Department of Botany, RD & SH National College and SWA Science College held on 20th May 2020.
- Webinar on “**Mangrove and Mangrove Associates - Great Strugglers in Nature**” By Dr. Mangal Patwardhan on 22ⁿ May 2020 at 10.30 – 12.30 pm

- Webinar on “**Bee Awareness and Conservation**” organized by Department of Zoology K.R.T. Arts, B.H. Commerce and A. M. Science college, Nashik on 20th May 2020.
- Webinar on “**New Opportunities In Medicinal Plants Sector For Farmers And Entrepreneurs**” organized by Mansarovar Global University on 24th May 2020 at 11 – 1 pm
- Webinar on “**Ex-situ conservation of Angiosperm Plants**” organized by Naturecare India on 24th May 2020.
- International E-Conference on “Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World” organized by Government Vidarbha Institute of Science & Humanities, Amravati, India on 15th - 17th May, 2020.
- Chavhan V.N., Bhogaonkar P. Y., Dhole P. A., and **P. P. Kshirsagar, 2020**. Ethnobotany of Yavatmal District (M.S.) India. *Plantae Scientia*, Vol. 3 (6): 82 – 88.
- Dhole P. A, Bhogaonkar P. Y., Chavhan V.N. and **P. P. Kshirsagar, 2021**. Some ethnomedicinal plants from Amravati district (M.S.) India. *Int. J. Adv. Res. Biol. Sci.*, (8)1: 65 – 71.

3. Dr. Sachin Patil

1. **Sachin Patil**, Suresh Patel, Vinay Raole and Kishore Rajput (2020). *Ophioglossum jaykrishane* (Ophioglossaceae): A species novo from Gujarat State. *Indian Fern Journal*, 37: 237-243. (Impact factor – 2.7 & NASS rating 4.8)
2. R Patel, A Vanzara, N Patel, A Vasava, **S Patil**, K Rajput (2021). Discovery of fungal metabolites bergenin, quercitrin and dihydroartemisinin as potential inhibitors against main protease of SARS-CoV-2. **Coronaviruses**. 2: 1-13.
3. **Sachin Patil** and Kishore Rajput (2020). Diversity, Distribution and Conservation status of genus *Ophioglossum* from Goa State. **Journal of Threatened taxa**. 17287 – 17298.



DOI: <https://doi.org/10.11609/jott.5026.12.17.17287-17298>.

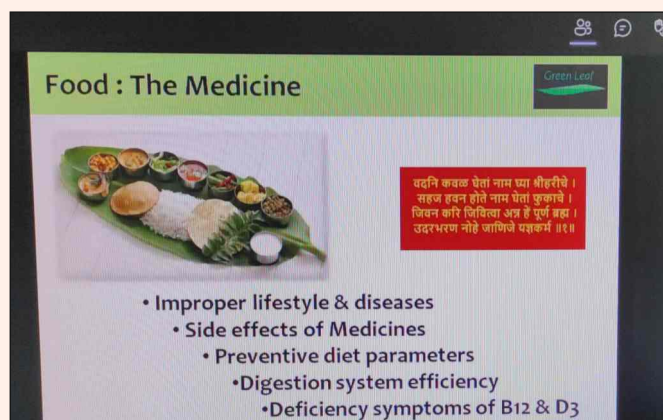
4. **Sachin Patil**, Asir Benniamin and Kishore Rajput. (2020). Extended distribution for a rare fern *Tectaria multicaudata* in peninsular India. Fern Gazette. 21(03): 111-114. 20 (7): 301-303. **ISSN - 0308-0838. (Impact factor – 0.3).**
5. **Sachin Patil**, Ravi Patel and Kishore Rajput (2020). Molecular identification of an endemic species *Tectaria paradoxa* (Fee) Sledge, from India. Journal of Bombay Natural History Society. 117:60-65. DOI: 10.17087/jbnhs/2020/v117/132663. (Impact Factor – 0.3)
6. **Sachin Patil**, Ravi Patel and Kishore Rajput (2020). *Christensenia aesculifolia* (Blume) Maxon:

Its Diversity, Distribution and Molecular Identification from India. Fern Gazette. **ISSN - 0308-0838. (Impact factor – 0.3).**

7. Kishore Rajput, Ronak Kachhiapatel, **Sachin Patil**, Suresh Patel and Vinay Raole (2021). Checklist of Pteridophytes of Gujarat State, Western India. Phytotaxa **(Accepted). Impact Factor – 1.7**
8. **Sachin Patil** and Kishore Rajput (2021). New combinations in the genus *Desmodemus* (Scenadesmaceae) from India. Journal of Bombay Natural History Society. **(Accepted). Impact Factor – 0.3.**

Dr. Prachi Raval

Head - Department of Botany



Guest Lecture: Mrs. Ashwini Deshmukh on Food: the Medicine

B. VOC

Guest Lectures Conducted:

Sr. no.	Title	Speakers	Target Class	Duration and Dates
1.	Recent trends and innovation in food Packaging and opportunities	Mr. Shreekant Bankhele	F.Y., S.Y., T.Y.	2nd February, 2021.
2.	Food Labelling and Display Regulations for India	Mr. Vivek Kulkurni	F.Y., S.Y., T.Y.	9th February, 2021.
3.	Study Abroad	Dr. Anup Kulkarni	F.Y., S.Y., T.Y.	15th February, 2021
4.	Food Safety and regulations	Mr. Sanjay Indani	F.Y., S.Y., T.Y.	17th February, 2021
5.	World Consumer Right Day and Flexible Food Packaging	Mr. Hrishikesh Sankapal	F.Y., S.Y., T.Y.	17th March, 2021

Mentor - mentee meetings were conducted in Jan 2021

Parent Teacher's meetings conducted: F.Y. B.Voc, S.Y. B.Voc, T.Y. B.Voc, (27 January, 2021)

STUDENT'S ACHIEVEMENTS:

Sr. No.	Name of student	Achievement Details
1	Chirayu kadhulkar, Saba Maniyar, Sakshi Wagh, Prachi Bhore	Participated in food stall in VIVIDHA Exhibition cum sale organized by Modern College, Ganeshkhind from 16th Jan to 18 Janth , 2020
2	Vaishavi Bhosale	Participated and Won 1 Prize in Anubhuti E Poster competition
3.	Vaishavi Bhosale	Participated in GFU webinar
4.	Vaishavi Bhosale	Participated in scientific photography course
5.	Aishwarya Pande	Participated in scientific photography course
6.	Vaishavi Bhosale	Participated in food laws webinar
7.	Vaishavi Bhosale	Participated in covid 19 quiz
8.	Vaishavi Bhosale	Participated in food safety quiz
9.	Vaishavi Bhosale	Participated in webinar on understanding protein
10.	Priyanka Darekar	Participated in innovation in food packaging
11.	Namrata Apar	Participated in Immune food
12.	Divya Kurlap	Participated in Poshan abhiyan
13.	Namrata Apar	Participated in Food safety quiz
14.	Abhishek Kotwal	Participated in World milk day quiz

Prof. Mrunal Pardeshi

Coordinator, B.Voc (Food Processing Technology)

B.Sc Blended

- B.Sc. Blended is a three year degree program of Savitribai Phule Pune University equivalent to the

degree program of University of Melbourne, Australia.

- 2 days International Virtual Workshop for B.Sc. Blended students organised by University of Melbourne, Australia. (1st & 2nd December 2020)



Honorable Chairman of P.E. Society, Dr Gajanan R. Ekbote sir giving a talk at the inaugural function of Virtual Workshop for B.Sc. Blended students organised by University of Melbourne, Australia.

Dr. Mukula Kulkarni

Co-ordinator Blended B.Sc.



International Virtual Workshop



COMPUTER SCIENCE

Interaction 2021

The COVID 19 pandemic forced us to conduct this 18th INTERACTION as online on 2nd, 3rd, and 4th of February 2021, removing the barriers of the University, states, and country. An online platform helps us to reach 895 participants from 48 cities of 12 states and of 2 countries. Which transforms INTERACTION into International Intercollegiate Online Competitions. Registrations are from various streams like B.A, B.Com. B.Sc., BCA, BBACA, B.Sc. CS, Interior Design, M.A, M.Com., MSc IT, MSc CS, and MSc CA. Prof. Amol G. Patil was coordinator of this INTERACTION 2021 and it has 6 competitions for undergraduate and postgraduate students,

120 students: Project competition which was held on 4th February.

122 students: Video Contest which was held on 4th February.

142 students: Online Presentation which was held on 3rd February.

197 students: Grab the Opportunity which held on 3rd February

214 students: e-Poster which held on 2nd February

638 students: Online Students Quiz which was held on 2nd February.

This was the 1st time we organized an online Quiz competition for Teachers from all faculties of various colleges.

DBT course Report :

- The Department has conducted an On-line Certificate Course, "Microsoft-Office: From Beginners to Advanced" (40 hours) from 05/02/2021 to 04/03/2021 and 1/6/2021 to 10/6/2021. Total number of beneficiaries is 543.
- Also conducted an On-line Certificate Course, "Python Programming for Data Science and Machine Learning" (30 hours) from 18/01/2021 to 30/01/2021. Total number of beneficiaries is 115.
- Intercollegiate E-poster Competition under DBT Star college scheme, on topic "New Health Challenges & Solutions In 21st Century" from 06/06/2020 to 20/06/2020. Total number of students participated is 105 from various states and universities.
- DBT Lecture series conducted from 12/01/2021 to 15/01/2021 for UG and PG students. Eminent speakers from renowned universities like Aurangabad, Nagpur, SPPU and institutes like IIT Powai, PIEMR guided our students.

Sr. No.	Name of Speaker and details	Topic of the lecture	Number of Attendees
1	Dr. Ramesh Manza, Associate Professor, Department of Computer Science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad 9421308853/ 9765800600 rmanza.csit@bamu.ac.in	Machine Learning	149
2	Mr. Atul Kahate, Author and Visiting Faculty of Computer Science 9372411845 akahate@gmail.com	Data Science opportunities	131



3	Dr. Baljeet Kaur, Assistant Professor, Bharati Vidyapeeth Deemed to be University, Institute of Management and Entrepreneurship Development, Erandwana, Pune 8459178957/ 9657223780 baljeet.rayat@gmail.com	Cyber Security	83
4	Dr. ManojKumar Deshpande, Director, Prestige Institute of Engineering Management & Research, Indore, Madhya Pradesh. 9892061141 manojvilasrao@gmail.com	Emerging Technology applications in agriculture	94
5	Dr. Jyoti Yadav, Assistant Professor, Department of Computer Science, Savitribai Phule Pune University, Pune. 9881252910 yadav.jyo@gmail.com	Big Data Analytics	207
6	Mr. Winit Nilkant Anandpawar, Assistant Professor, Dr. Ambedkar College, Deeksha Bhoomi, Nagpur. 9767939131 winit.anand@gmail.com	Artificial Intelligence	80
7	Dr. Sonali Patil, Head of Department, IT Engineering, Pimpri Chinchwad College of Engineering, Pimpri Chinchwad, Pune 44. 9423527197 sonalimpatil@gmail.com	Blockchain	213
8	Dr. Pramod Wangikar, Professor, Department of Chemical Engineering, IIT-Bombay, Powai, Mumbai. +91 (22) 2576 7232 wangikar@iitb.ac.in	Bio-informatics trends and opportunities	181

PLACEMENT

Following Undergraduate Students are Selected in the various MNC's

Sr. No.	Name of Student	Company Name
1	Mr. Mahesh Govind Raut	Larsen & Toubro infotech (LTI) and TCS
2	Miss. Ishita Swaranjitsingh Lamba	Larsen & Toubro infotech (LTI)
3	Miss. Poonam Rajaram Mhaske	Larsen & Toubro infotech (LTI) and TCS
4	Miss. Vaibhavi Pandharinath Shedge	Larsen & Toubro infotech (LTI) and TCS
5	Miss. Sneha Vyankuram Mirkale	Cognizant
6	Mr. Ashwed Mallikarjun Jiragi	Cognizant
7	Miss. Sanyukta Devdatta Davate	Cognizant
8	Mr. Preetam Pradeep Parab	The Velocity Group
9	Miss Smita Kundlik Khot	Infosys

STAFF ACHIEVEMENT:

1. Dr. S.S. Bhatambrekar

- Written book on Advance C Programming for Parijaat Publications

- Selected as Member BOS (Computer Application) at Indira College

2. Dr. Pallawi Bulakh

- Selected as Member BOS(Computer Application)



- Successfully completed (ARPIT) Refresher Course in Teacher Teaching in Higher Education from NPTEL
 - Successfully completed FDP on “Pedagogical and Curriculum development for computer science teachers” organized by CMCS college Nashik and MHRD
 - Successfully completed Multimedia enriched e-Content Development, One week Online FDP organized by GAD-TLC SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD
 - E-content Development & Delivery, Research Methodology and Autonomy, One week Online FDP organized by Modern College, Shivajinagar, Pune and Kamla Nehru Mahavidyalay, Nagpur in collaboration with RUSA, Maharashtra
 - Conducted Guest lecture on” How to Write and Publish Good quality research paper” to PVG college of Science, Pune
 - Worked as Resource person in FDP organized by G. H. Raisoni College of Arts, Commerce and Science, Pune
 - Successfully completed 8 FDP organized by various Colleges
- 3. Dr. Dipali Meher**
- Written book on Relational Database Management system for Parijat Publication
 - Successfully completed FDP on “Pedagogical and Curriculum development for computer science teachers” organized by CMCS college Nashik and MHRD
 - Successfully completed Multimedia enriched e-Content Development, One week Online FDP organized by GAD-TLC SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD
- E-content Development & Delivery, Research Methodology and Autonomy, One week Online FDP organized by Modern College, Shivajinagar, Pune and Kamla Nehru Mahavidyalaya, Nagpur in collaboration with RUSA, Maharashtra
 - Successfully completed 8 FDP organized by various Colleges
- E-content Development & Delivery, Research Methodology and Autonomy, One week Online FDP organized by Modern College, Shivajinagar, Pune and Kamla Nehru Mahavidyalay, Nagpur in collaboration with RUSA, Maharashtra
 - Conducted guest lecture on “ Implementation of Graph databases using Neo4j” to colleges as CCS Wakad Pune, KSKW College Nashik, TJ College Khadki, Kaveri College, Pune, Bhosala College Nashik, VP College Baramati, Indira College ,Sarhad College, A.Garware College
 - Conducted guest lecture on “Software Architecture Modelling” to PVG college of Science, Pune
 - Conducted Guest lecture on” Pointer in C” to PVG college of Science, Pune
 - Worked as Resource person in FDP organized by G. H. Raisoni College of Arts, Commerce and Science, Pune
 - Successfully completed 8 FDP organized by various Colleges
- 4. Prof. Meenal Jabde**
- Successfully cleared PET exam from MIT, WPU
 - Successfully completed FDP on “Pedagogical and Curriculum development for computer science teachers” organized by CMCS college Nashik and MHRD
 - Successfully completed Multimedia enriched e-Content Development, One week Online FDP organized by GAD-TLC SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD
 - E-content Development & Delivery, Research Methodology and Autonomy, One week Online FDP organized by Modern College, Shivajinagar, Pune and Kamla Nehru Mahavidyalaya, Nagpur in collaboration with RUSA, Maharashtra
 - Successfully completed 8 FDP organized by various Colleges

5. Prof. Ranjana Shevkar

- Published a research paper titled 'Performance Based Analysis of Blockchain Scalability Metric' in Tehnicki glasnik/Technical Journal, Print: ISSN 1846-6168, Online: ISSN 1848-5588 on 10/01/2021
- Appointed as a member of BOS(Computer Science) for TYBSc(Computer Science) Syllabus restructuring.
- **Attended**
- AICTE sponsored one week online Short Term Training Program on 'Blockchain Technology and use cases Thread III' VIIT, organized by Department of Computer Engineering, Pune
- AICTE Training And Learning (ATAL) Academy Online FDP on "Block chain" organized by Swami Keshvanand Institute of Tech., Management & Gramothan, Jaipur.
- 7 days webinar on Blockchain Technology conducted by Oyster Training (Online)
- E-content Development & Delivery, Research Methodology and Autonomy, One week Online FDP organized by Modern College, Shivajinagar, Pune and Kamla Nehru Mahavidyalaya, Nagpur in collaboration with RUSA, Maharashtra

6. Prof. Kulkarni Sonal Ramesh

- Received A+ Grade in 4-week "Induction/Orientation Programme for Faculty in Universities/Colleges/Institutes of Higher Education" organised by, TLC, Ramanujan College, University of Delhi.
- Successfully completed (ARPIT) Refresher Course in Teacher Teaching in Higher Education from NPTEL.
- Successfully completed AICTE sponsored (AQIS) One Week (STTP) on "Machine learning and Deep Learning: Research & Applications Perspectives (Part - 2)", organised by Dept. of Comp. Sci. & Engineering, Poornima College of Engineering, Jaipur.

- Successfully completed Multimedia enriched e-Content Development, One week Online FDP organized by GAD-TLC SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) of MHRD.
- E-content Development & Delivery, Research Methodology and Autonomy, One week Online FDP organized by Modern College, Shivajinagar, Pune and Kamla Nehru Mahavidyalay, Nagpur in collaboration with RUSA, Maharashtra.
- Successfully completed 7 FDPs organized by various Colleges.

7. Prof. Niket Tajne

- Successfully conducted the Certification Course for Undergraduate students under the DBT Scheme on Microsoft Office Beginner to Advanced from 4/2/2021 to 10/6/2021.
- E-content Development & Delivery, Research Methodology and Autonomy, One week Online FDP organized by Modern College, Shivajinagar, Pune and Kamla Nehru Mahavidyalay, Nagpur in collaboration with RUSA, Maharashtra.
- Successfully completed Faculty Development Program on PHP and Mysql by JNTUH College of Engineering Jagital, Telangana from 18 may 2020 to 23 may 2020
- Online Faculty Development Program on Machine Learning and Artificial Intelligence by Andhra Loyola Institute of Engineering and Technology, Vijaywada, Andhra Pradesh from 4 may 2020 to 6 may 2020.

8. Prof. Mangesh Lahane

- Successfully completed Two days National level (Online) Faculty Development Programme on "Essentials of Linux System Administration" jointly organized by Department of Computer Engineering, Information Technology & Electronics and Computer Science, Fr. Conceicao Rodrigues College of Engineering, Bandra(W),



Mumbai held from 16.04.2021 to 17.04.2021.

- Was present as a Judge for event -'Photography' Competition held under INSPIRA-2K21- A National Level Virtual Inter-Collegiate Competition' organized by Rajarambapu Institute of Technology (An Autonomous Institute, Affiliated to Shivaji University, Kolhapur)

9. Prof. Chaitali Makashir

- Successfully completed 5 days National level virtual Faculty Development Programme on "R programming" organised by School of IT IMS Noida in association with spoken tutorial, IIT Bombay

10. Prof. Amol G. Patil

- Successfully conducted a workshop "Introduction to Computers" for support staff of Modern College of Arts, Science and Commerce, Ganeshkhind, Pune on 20th February 2021.
- Successfully organised 4 workshops for administrative staff of Modern College of Arts,

Science and Commerce, Ganeshkhind, Pune from 18 to 20 February 2021.

- Successfully organised and conducted "Moodle Hands-on Training Webinar Series" in the months of April & May 2020. Total 125 teachers of Modern College of Arts, Science and Commerce, Ganeshkhind, Pune participated and got an e-certificate after completing the online MCQ test.
- Successfully organised Five Days Faculty Development on "e-Content Development for Online Teaching" from 25 June 2020 to 30 June 2020. Total 140 participants participated in this FDP and got an e-certificate after submitting assignments and completing the online MCQ test on the last date. Certificate design and distribution was done by Nilesh Dadabhau Arote & Rutuja Mokashi. Online exam conduction & questions compiling was done by Amol Patil, Rutuja Mokashi & Dr. Mukul Godbole. FDP report writing was done by Dr. Mukul Godbole. Schedule and speaker details are as follows:

Day & Date	Topic	Speaker Name	Duration	Online Exam Question Creation (10 questions by Each Member on assign Topics)
Thursday, 25th June 2020	Inauguration	Dr. Jyoti Gagangras, Vice - Principal	30 Minutes	
	Google Classroom	Satish S. Ambike	30 Minutes	Namdev Doke
	Google Drive	Jitender Kumar	30 Minutes	
	Google Meet	Jitender Kumar	30 Minutes	
Friday, 26th June 2020	Lexis Audio Editor	Vedant Mulay	30 Minutes	Satish Avchit Jadhav
	DU Recorder	Satish Avchit Jadhav	1 Hour	
	You Tube Video Channel	Dr. Shilly John	30 Minutes	

Staurday, 27th June 2020	Google Docs	Dr. Pallavi Prashant Nikhare	30 Minutes	Dr. Raval Prachi
	Google Slides	Dr. Jayshree Kharche	30 Minutes	
	Google Sheets	Aishwarya Nayak	30 Minutes	
	Dificulty Session	All FDP Speakers	30 Minutes	
Sunday, 28th June 2020	Practice Day			
Monday, 29th June 2020	Google Forms	Rutuja Mokashi	30 Minutes	Sandeep Sanap
	Online Certificates			
	Conduct online Class room on Moodle	Amol Ghanshyam Patil	30 Minutes	Dr. Mukul Godbole
	Valedictory	Prof. Kapil Deo Mishra, Vice Chancellor,Rani Durgavati Vishwavidyalaya,Jabalpur, Madhya Pradesh		
Tuesday, 30th June 2020	Online Exam (MCQ) 2:00 to 2:40 pm		40 Minutes	

11. Prof.Ashwini G.Pawar

- Received Best Research paper Award under the title "Node failure management to improve performance of Wireless Sensor Network in International Conference on Recent Trends in Computing" organized by Sanjivani College of Engineering Kopargaon, Maharashtra.

Attended

- Successfully conducted the Certification Course for Undergraduate students under the DBT Scheme on Python Programming for Data Science and Machine Learning" (30 hours) from 18/01/2021 to 30/01/2021.
- Successfully completed One week OnlineFDP on Boss Linux Ubuntu from 15/4/2020 to 20/4/2020 organized by Karmaveer Bhaurao Patil College of Engineering, Satara in association with IIT Bombay.
- Successfully completed Python 3.4.3 Training

One week FDP Online from 1/5/2020 to 7/5/2020 organized by Abeda Inamdar College, Pune in association with Spoken Tutorial

Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.

- Successfully completed One week National Level Workshop on Research Methodology and its strategies from 26/8/2021 to 1/9/2021 organized by Government First Grade CollegeChannarayapatna Hassan Karnataka.
- Successfully completed Five Days Faculty Development on "e-Content Development for Online Teaching" from 25 June 2020 to 30 June 2020 organised by Modern College of Arts, Science and Commerce, Ganeshkhind, Pune 16.

12. Prof. Dipali Sunil Tamhane

- Successfully completed Edx Online Course "Introduction to Cloud", Course of study offered by IBM.



- Successfully completed Edx Online Course “Enabling Technologies for Data Science and

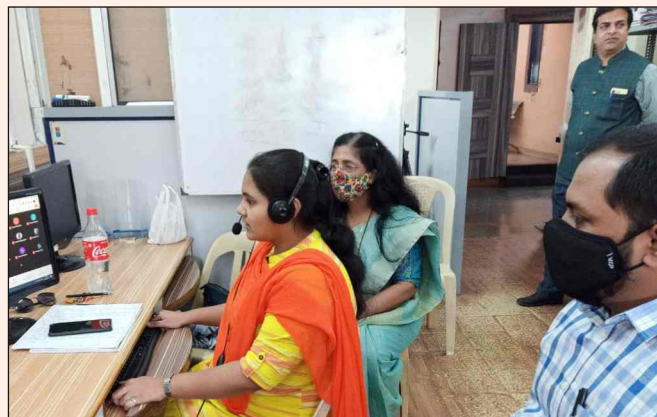
Analytics: The Internet of Things”, Course of study offered by IBM.

Dr. S.S. Bhatambrekar

Head - Department of Computer Science



Interaction: e-Poster Competition



Interaction - Quiz Competition

CHEMISTRY

The academic year 2020-21 started in the nationwide lockdown due to COVID 19 pandemic. The teaching-learning and co-curricular /extra curricular activities had to adapt to the online platform. Converting this situation into an opportunity, the Department of Chemistry organized some national and international events for students and teachers.

- **DEPARTMENTAL ACTIVITIES**
- **SOonline National Guest Lecture Series Organized during 10/11/2020 to 21/01/2021** for UG and PG students coordinated by Dr. Madhuri Kulkarni and Dr. Diprati Khandare. In this event different research scientists and academicians from reputed academic institutions and industries were invited to give lectures and interact. Total participants-101
- **Interaction with Alumni (International) Organized during 18/1/21 to 22/1/21** 2021 for UG and PG students coordinated by Dr, Madhuri Kulkarni and Mrs. Revati Nagarkar The distinguished alumni of our department were invited on the online platform and they shared

their journey of experiences from the beginning to the position where they are today. It was an inspiration to students and a bird's eye view on setting goals, higher studies in India and abroad and career opportunities. Total participants-120

- **Online Chemistry Quiz organized for S.Y.B.Sc students on 29th January 2021** coordinated by Ketaki Saravate.
- Online Chemistry Quiz of SYBSc students was organised where they were asked questions based on their 12th Chemistry knowledge through various modes. Total participants- 18
- **Extra Credit course for S.Y.B.Sc Chemistry students was organized for UG students during 9 – 19 February 2021** conducted by Dr. Mohini S. Gupte, Mrs. Ketaki Saravate and Mrs. Revati Nagarkar. Course was designed to know about the basic principles of instrumental methods used for analysis. Total participants: 102
- **Online workshop for B.Sc. Blended students organised by University of Melbourne, Australia on Dec 1-2,2020** and coordinated by Dr. Mukula Joshi for MCGK.



- **Workshop on Gender in everyday life: Breaking the boundaries'** for the faculty and students of the college was Organized by Dept. of Chemistry in association with Sociology

department for science students on 6th and 8th February 2021. Coordinated by Dr. Madhuri Kulkarni and Dr. Megha Deshpande. Total participants-300 students

GUEST LECTURES:

Sr no.	Name of Guest speaker and the designation-institute	Title of talk	Date and Time	Targeted students UG PG	No. of attendees
1	Dr. Mainak Banerjee Associate Professor, Department of Chemistry, BITS Pilani K. K. Birla Goa Campus, Goa-403726	Green chemistry and mechanochemical synthesis of Heterocycles	10/11/2020	UG and PG	101
2	Dr. Amrita Chatterjee Associate Professor, Department of Chemistry, BITS Pilani K. K. Birla Goa Campus, Goa-403726	AIE Based SMART Sensing Materials: Environmental and Biological Applications	11/11/2020	UG and PG	90
3	Dr. Manisha Khaladkar Associate Professor, Department of Applied Science, College of Engineering, Pune, Shivajinagar, Pune-411007	Synthesis and Characterization of Nanomaterials	21/01/2021	UG and PG	80
4	Dr. Rohan Erande Assistant Professor, Department of Chemistry, IIT Jodhpur-342037	Necessity of Drugs Discovery and Development	22/01/2021	UG and PG	101
5	Dr. Anup Ranade GM Knowledge Management, PI industries Ltd, Udaipur, Rajasthan 313001	Introduction to Intellectual Property Rights	03/02/2021	UG and PG	80
6.	Alumnus Dr. Shekhar Shinde CNRS, University of Bordeaux, FRANCE,	How to apply for post doctoral research abroad	18/01/21	UG and PG	104
7	Alumnus Ankita Mishra Research Associate, GVK Biosciences, Bangalore, India	Work environment in industries and how to face interviews	18/01/21	UG and PG	104
8.	Alumnus Amardeep Jadhao Assistant Professor Late Pushpadevi Patil Arts and Science College, Risod, Maharashtra	How to prepare for competitive exams	19/01/21	UG and PG	90
9.	Alumnus Dr. Namita More National Chemical Laboratory, Pune	Ph.D. opportunities in India and abroad	19/01/21	UG and PG	90



10.	Alumnus Dr. Aniket Hande Ph.D. fellow at France	Guided in detail about Doctoral fellowships, links for fellowships, how to write a promising C.V., how to approach a guide, contact them. Sharpening skills.	20/01/21	UG and PG	85
11.	Alumnus Dr. Dibyendu Mondal Ph.D from IOWA University, USA and pursuing his post-doctoral studies at USA	He has thrown a light on exams that one needs to appear for doctoral studies in the U.S.A. Recently he has published a paper in SCIENCE Journal with Impact factor of 40.	20/01/21	UG and PG	95
12	Library Facility and its access demonstration by Dr Sangeeta Dhamdhere for BSc Blended and MSc-1 students	guided the students regarding the digital library access.	Feb 27, 2021 at 11.30am	M.Sc.- and B.Sc. Blended	55
13	Dr. Nivedita Ekbote Deputy Secretary, PES	Past and Present Gender Scenario	Feb. 6th 2021	Science students	300
14	Dr. Anurekha Chari Wagh Associate Prof., Central University, Hyderabad	Conceptual framework of Gender	Feb. 6th 2021	Science students	300
15	Dr. Vaishali Joshi Asso. Prof. St Meera College, Pune	Manifestation of gender in everyday life	Feb. 8th 2021	Science students	300
16	Dr. Vandana Palsane Retd. Asso. Prof. MKKS, Pune	What can be done for gender equality	Feb. 8th 2021	Science students	300
17	Prof. Anjali Kurane Dean, Social Sciences and Humanities, SPPU	Gender in everyday life	Feb. 8th 2021	Science students	300
18	Dr. Megha Deshpande, Ms Mugdha Chandratrey, Mr. Nitin Gavande Modern College, Ganeshkhind, Pune	Portrayal of Gender	Feb. 8th 2021	Science students	300

STAFF ACHIEVEMENTS:

1. Dr. Madhuri Kulkarni

- Completed 2 weeks MOOCs "MANAGING ONLINE CLASSES and CO-CREATING MOOCs:2.0" organized by MHRD PMMMNTT and Ramanujan College, New Delhi during May 18-June 3, 2020
- Completed 2 weeks MOOCs ADVANCED CONCEPTS FOR DEVELOPING MOOCs" organized by MHRD PMMMNTT and Ramanujan College, New Delhi during July 2-July 17, 2020.
- Completed FDP on Future Materials: Nanocomposites organized by Bharati Vidyapeeth College of Engineering during June 15-June 21, 2020.
- Participated in conference on Modern Instrumental and Characterization Techniques in

Applied Sciences-2020 (MICTAS-2020) organized by MIET Kumaon Haldwani & Department of Chemistry, H.N.B. Govt. P. G. College, Khatima, Uttarakhand in collaboration with USERC DST Dehradun & Department of Chemistry, R.H. Govt. P. G. College, Kashipur, Uttarakhand on July 5- July 6, 2020.

- Participated in workshop on Digital Skills for Smart Teaching DIGITAL GURUMANTRA Rotary organized by International District 3131 August 14-18, 2020
- Participated in Workshop on S.Y.B.Sc. Chemistry Revised Syllabus organized by S.P. Pune University and New Arts, Commerce and Science College, Parner on August 28, 2020
- Participated in Hands-on training on Moodle-Webinar series organized by P.E.S. Modern College, Gk., Pune - 16 during April & May, 2020.
- Completed FDP on e-content development organized by PES's Modern college Ganeshkhind during 25 June - 30 June 2020.

Anuradha Bhamidi

- Attended Teacher's training program organized by PDEA's Ramkrishna More College, Akurdi on 7-8 May 2021
- Completed FDP on "ICT tools in teaching Chemistry" organized by St. Teresa's College (Autonomous), Ernaculum. during 2 - 6 Sept., 2021.
- Participated in Hands-on training on Moodle-Webinar series organized by P.E.S. Modern College, Gk., Pune - 16 during April & May, 2020.
- Completed FDP on e-content development organized by PES's Modern college Ganeshkhind during 25 June - 30 June 2020.
- Participated in National online workshop on "ICT based teaching in Chemistry" organized by Kasturba Gandhi Degree and PG College for women, West Marredpally, Secunderabad on 18 May, 2020.

Dr. Sushma Katade

Completed 2 weeks MOOCs "MANAGING ONLINE CLASSES and CO-CREATING MOOCs:1.0" organized

by MHRD PMMMNTT and Ramanujan College, New Delhi during April 20-May 6, 2020

- Attended seminar on Achieving excellence in higher education in India in the 21st century: Challenges and Opportunities organized by Sharada University's school of business studies on June 3, 2020.
- Participated in Mahabridge Webinar on mobile based econtent development for online teaching organised by Knowledge Bridge during April 15-25, 2020.

Dr. Mukula Joshi

- Completed 2 weeks MOOCs "MANAGING ONLINE CLASSES and CO-CREATING MOOCs:2.0" organized by MHRD PMMMNTT and Ramanujan College, New Delhi during May 18-June 3, 2020
- Participated in Hands-on training on Moodle-Webinar series organized by P.E.S. Modern College, Gk., Pune - 16 during April & May, 2020.
- Participated in International E-Conference on "Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World" organized by Government Vidarbha Institute of Science & Humanities, Amravati, India during May 15-17, 2020
- Completed Faculty Induction/Orientation Program organized by Teaching Learning Centre , Ramanujan College, University of Delhi during June 4 - July 1, 2020
- Completed FDP on Open Source Tools for Research organized by Teaching Learning Centre , Ramanujan College, University of Delhi during June 8-14, 2020
- Completed FDP on "Entrepreneurship, Incubation and Innovation" organized by Teaching Learning Centre , Ramanujan College, University of Delhi during June 23-29, 2020
- Completed 2 weeks MOOCs ADVANCED CONCEPTS FOR DEVELOPING MOOCs" organized by MHRD PMMMNTT and Ramanujan College, New Delhi during July 2-July 17, 2020.
- Completed FDP on "ICT tools in teaching Chemistry" organized by St. Teresa's College



(Autonomous), Ernaculum. during 2 - 6 Sept., 2021.

- Attended Teacher's training program on, "Designing Interactive Virtual Chemistry Practical using PowerPoint". organized by PDEA's Ramkrishna More College, Akurdi on 7-8May 2021
- FDP on Quantum Mechanics organized by St. Teresa's College (Autonomous), Ernaculum January 18-23, 2021.
- Faculty Induction Program organized by Guru Angad Dev Teaching Learning Centre, Khalsa College, University of Delhi Dec 3-30, 2020

Dr. Sushama Kale

- Attended Teacher's training program on, "Designing Interactive Virtual Chemistry Practical using PowerPoint". organized by PDEA's Ramkrishna More College, Akurdi on 7-8May 2021
- Completed FDP on "ICT tools in teaching Chemistry" organized by St. Teresa's College (Autonomous), Ernaculum. during 2 - 6 Sept., 2021.
- Completed Faculty Induction/Orientation Program organized by Teaching Learning Centre , Ramanujan College, University of Delhi during 26 June - 24 July, 2020.
- Participated in Hands-on training on Moodle-Webinar series organized by P.E.S. Modern College, Gk., Pune - 16 during April & May, 2020.
- Completed FDP on e-content development organized by PES's Modern college Ganeshkhind during 25June -30June 2020
- Attended National online workshop on "ICT based teaching in Chemistry" Kasturba Gandhi Degree and PG College for women, West Marredpally, Secunderabad. 18 May, 2020.

Dr. Mohini Gupte

- Completed FDP on Open Source Tools for Research organized by Teaching Learning Centre , Ramanujan College, University of Delhi during June 8-14, 2020
- Completed 2 weeks MOOCs "MANAGING ONLINE CLASSES and CO-CREATING MOOCs:3.0" organized by MHRD PMMNTT and Ramanujan

College, New Delhi during July 25 - August 10, 2020

- Participated in Hands-on training on Moodle-Webinar series organized by P.E.S. Modern College, Gk., Pune - 16 during April & May, 2020.
- Completed FDP on e-content development organized by PES's Modern college Ganeshkhind during 25June -30June 2020
- Attended Teacher's training program on, "Designing Interactive Virtual Chemistry Practical using PowerPoint". organized by PDEA's Ramkrishna More College, Akurdi on 7-8May 2021
- Participated in Workshop on S.Y.B.Sc. Chemistry Revised Syllabus organized by S.P. Pune University and New Arts, Commerce and Science College, Parner on August 28, 2020
- Attended International Conference on Multifunctional Electronic Materials and Processing (MEMP-2021) organized BY C-MET, Pune ON 8th to 10th March, 2021
- Attended International Webinar Polymers and Current Scenario of Covid-19 organized by The Poona Gujarati Kelvani Mandal's H. V. Desai Arts, Science & Commerce College, Pune 22nd May, 2021
- Attended webinar on "Catalysis for Sustainable Chemistry" organized by Department of Chemistry, Shri Shivaji College of Arts, Commerce and Science, Akola on 20th March 2021

Ketaki Saravate

- Completed FDP on Research Methodology organized by Kamla Nehru Mahavidyalaya Nagpur During 26April-1May 2021
- Attended Teacher's training program on, "Designing Interactive Virtual Chemistry Practical using PowerPoint". organized by PDEA's Ramkrishna More College, Akurdi on 7-8May 2021
- Participated in Hands-on training on Moodle-Webinar series organized by P.E.S. Modern College, Gk., Pune - 16 during April & May, 2020.
- Completed FDP on e-content development organized by PES's Modern college Ganeshkhind during 25 June -30 June 2020



- Completed 2 weeks MOOCs "MANAGING ONLINE CLASSES and CO-CREATING MOOCs:3.0" organized by MHRD PMMMNTT and Ramanujan College, New Delhi during July 25 - August 10, 2020
- Attended webinar on "Catalysis for Sustainable Chemistry" organized by Department of Chemistry, Shri Shivaji College of Arts, Commerce and Science, Akola on 20th March 2021

Gayatri Shrotriya

- Attended Teacher's training program on, "Designing Interactive Virtual Chemistry Practical using PowerPoint". organized by PDEA's Ramkrishna More College, Akurdi on 7-8 May 2021
- Participated in Hands-on training on Moodle-Webinar series organized by P.E.S. Modern College, Gk., Pune - 16 during April & May, 2020.
- Completed FDP on e-content development organized by PES's Modern college Ganeshkhind during 25 June - 30 June 2020
- Completed 2 weeks MOOCs "MANAGING ONLINE CLASSES and CO-CREATING MOOCs:3.0" organized by MHRD PMMMNTT and Ramanujan College, New Delhi during July 25 - August 10, 2020
- Attended webinar on "Catalysis for Sustainable Chemistry" organized by Department of Chemistry, Shri Shivaji College of Arts, Commerce and Science, Akola on 20th March 2021

Revati Nagarkar

- Participated in Hands-on training on Moodle-Webinar series organized by P.E.S. Modern College, Gk., Pune - 16 during April & May, 2020.
- Completed FDP on e-content development organized by PES's Modern college Ganeshkhind during 25 June - 30 June 2020
- Completed 2 weeks MOOCs "MANAGING ONLINE CLASSES and CO-CREATING MOOCs:3.0" organized by MHRD PMMMNTT and Ramanujan College, New Delhi during July 25 - August 10, 2020

Dr. Diprati Khandare

- Participated in Hands-on training on Moodle-Webinar series organized by P.E.S. Modern College, Gk., Pune - 16 during April & May, 2020.

- Completed FDP on e-content development organized by PES's Modern college Ganeshkhind during 25 June - 30 June 2020

Dr. Rucha Purandare

- Completed FDP on Future Materials: Nano composites organized by Bharati Vidyapeeth College of Engineering during June 15 - June 21, 2020
- Participated in Hands-on training on Moodle-Webinar series organized by P.E.S. Modern College, Gk., Pune - 16 during April & May, 2020.
- Completed FDP on e-content development organized by PES's Modern college Ganeshkhind during 25 June - 30 June 2020
- Completed 2 weeks MOOCs "MANAGING ONLINE CLASSES and CO-CREATING MOOCs:3.0" organized by MHRD PMMMNTT and Ramanujan College, New Delhi during July 25 - August 10, 2020
- Completed FDP on Open Source Tools for Research organized by Teaching Learning Centre, Ramanujan College, University of Delhi during June 8-14, 2020
- Attended International Conference on Multifunctional Electronic Materials and Processing (MEMP-2021) organized by C-MET, Pune on 8th to 10th March, 2021
- Attended webinar on "Catalysis for Sustainable Chemistry" organized by Department of Chemistry, Shri Shivaji College of Arts, Commerce and Science, Akola on 20th March 2021
- Attended National Webinar "RECENT OUTCOMES IN MATERIAL'S CHEMISTRY" [ROMC - 2021] organized by Department of Chemistry, KVR, KVR & MKR College, Khajipalem on 30th March 2021
- Attended National level workshop on Flipped Classroom learning tools through online mode A.P.A. COLLEGE OF ARTS AND CULTURE, PALANI & UNNAT BHARAT ABHIYAN (C-36569) on 15.05.2020 & 16.05.2020
- Attended Online Workshop on Academic Book writing & Related Topics organized by Springer Nature on 13th May 2020



Invited Lectures as Resource persons:

Sr. No.	Name of staff member	Name of Host Institution	Topic
1	Gayatri Shrotriya	Modern College Ganeshkhind	Laboratory safety and maintenance for non teaching staff 16.1.21
2	Gayatri Shrotriya	Modern College Ganeshkhind	Power of Positivity for science students 29.1.21
3	Gayatri Shrotriya	Modern College Ganeshkhind	Power of Positivity for Ph.D. Course work in Zoology 16.4.21
4	Gayatri Shrotriya	Modern College Ganeshkhind and Sakal YIN	Mind Matters: Where Health meets Happiness 9.3.21
5	Gayatri Shrotriya	IWC, Baner	Sukshmurja: Journey towards Inner Peace 9.3.21
6	Dr. Dipratn Khandare	KES's Pratibha College of Arts and Commerce Studies as Judge	Science-ExActa, National science Day-2021
7	Dr. Dipratn Khandare	M.Sc. Part II Organic Chemistry new Practical Syllabus workshop organised by BOS Chemistry SPPU	Solvent Free Beckmann Rearrangement and Isolation of Lemongrass Oil 29.5.21 Extraction of lemon grass oil 31.5.21
8	Dr. Mukula Joshi	M.Sc. Part II Organic Chemistry new Practical Syllabus workshop organised by BOS Chemistry SPPU	Purification by distillation technique 27.5.21
9	Ketaki Saravate	M.Sc. Part II Organic Chemistry new Practical Syllabus workshop organised by BOS Chemistry SPPU	Oxidation of 2-hydroxy benzaldehyde Green Chemistry 29.5.21 Extraction of garlic 31.5.21
10	Revati Nagarkar	M.Sc. Part II Organic Chemistry new Practical Syllabus workshop organised by BOS Chemistry SPPU	Baeyer Villiger reaction Green Chemistry 29.5.21 Pigment extraction from marigold flowers 31.5.21

PROJECT:

Dr Mukula Joshi gave Project guidance for the Modern Chemistry Box to M.Sc I Chemistry student **Saurabh Avchar** who won the consolation Prize in the Competition organised by **GMRT, Khodad, Pune Modern Chemistry Box** (Copyright and IPR filing is

being applied by the institution). He also got a second prize at the ANUBHUTI Poster competition.

PUBLICATIONS:

Dr. Dipratn Khandare has published a chapter titled '**AIE materials for cell membrane imaging**' in an online book by **Elsevier Publications**.



STUDENTS' ACHIEVEMENTS:

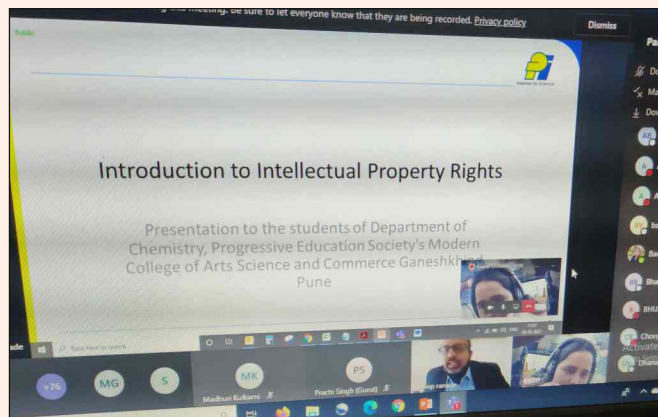
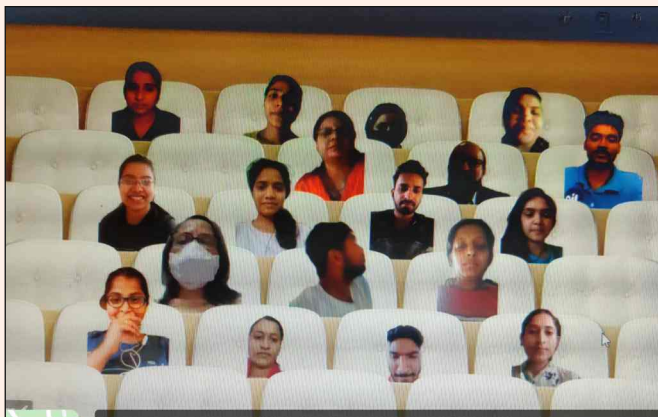
Sr. No.	Name of student	Achievement Details
1	Rohan Koli M.Sc. II Organic Chemistry	Participated in an Essay writing competition organised by SPPU, Pune on the topic New Education Policy, was selected from PG level and was invited for the Discussion round in SPPU. But unfortunately, this round was postponed with no notification till date.
2	Saurabh Avchar M.Sc. I Organic Chemistry	<p>Participated In the Competition organised by GMRT, Khodad, Pune. His model of Modern Chemistry Box is selected among the best 5 projects</p> <p>1. Modern Chemistry box has also got a 1st runner up prize at the ANUBHUTI in PG category of E-Poster competition, organised by Modern College, Gk., Pune.</p> <p>2. Participated in SCI-EXACTA 2021 Competition organised by KES's Pratibha College, Chinchwad, Pune on 27 february, 21.</p> <p>3. Participated in National Poster Presentation Competition, in February, 2021, organised by BJS College, Wagholi, Pune.</p> <p>4. Participated in Khel Khel Mein (Toy/Game/Project Making Competition) organised by Design Innovation Centre, SPPU, Pune.</p>
3	Uttara Satish Bankar S.Y.B.Sc.	Participated in Intercollegiate online quiz competition, Scientofabio Quest organised by Sarhad College, Katraj, Pune on 4 Jan 21.
4	Satish Kumar	1.. Successfully completed 3 online NPTEL courses on Waves and oscillations, Developing soft skills and personality and Innovations, business models and entrepreneurship.
5	Raunak Shyam Pandit F.Y.B.Sc.	<p>2.1. Participated in National Conference by Centre for wilderness Medicine and Dept of emergency Medicine, Kasturba Medical College, MAHE, Manipal, on 20 & 21 Mar 21.</p> <p>3.2. Participated in National Webinar on Pandemics: The Past, Present and Future, organised by St. Xavier's College, Mapusa, Goa on 26 & 27 Feb. 27.</p> <p>4.3. Got 3rd prize in Ramnadi Photo walk Competition, on 6 Feb 21.</p>
6	Krish Tiwari	Appreciation as corona warriors 2020 by Smit Foundation A'bad.
7	Tushar Randive	<p>1. Participated in NAtional Virtual Conference on Recent Advances in Analytical Techniques-2020 organised by Shri Varshney College Aligarh, Dr. B.R. Ambedkar Univ. Agra, UP, Centre for Biomedical Research Lucknow, in collaboration with R.H. Govt PG College, Kashipur, Uttarakhand, H.N.B. PG College, Khatima, Uttarakhand & USERC DST, Dehradun on 16-17 Aug 20.</p> <p>2. Participated in International webinar on Innovative Research in Chemical Science for Sustainable Development organised in collaboration with Dept. of Chemistry and IQAC of Kai. Rasika Mahavidyalaya, Deoni, Latur And Dept. of Chemistry & IQAC K.M.C. College, Khopoli, Raigad.</p>



		<p>3. Performed excellent in online Sports Quiz Competition by Dept of Physical Education and Sports by Marathwada Mitra Mandal's College of Engineering, Pune on 4 Nov. 20 and 4 Dec. 20.</p> <p>5. 4. Participated in Webinar on Consumerism and Financial Literacy in Covid 19 Pandemic, organised by Sinhgad Institute of Pharmaceutical Sciences, Lonavala and Consumer Guidance Society of India on 2 Dec. 20.</p> <p>6.5. Attended Virtual Meeting on Chemistry in Ancient India organised by IACS, Kolkata, IISER Kolkata, TIFR Mumbai on 7 Nov. 20.</p> <p>7. 6. Completed 10 km run/walk in Fit India Freedom Run 2020 organised by Dept of Physical Education and Sports by Marathwada Mitra Mandal's College of Engineering, Pune between 24 - 30 Sept. 20.</p>
8	Jay Pratap Thakare F.Y. B.Sc.	Participated in Kaun Banega History Scholar, online intercollegiate competition organised by Modern College, Ganeshkhind under Yuva Saptah on 9 Jan 21.
9	Himani Waghchaure T.Y. B.Sc.	Successfully completed Certificate course in Spanish from Foreign Languages Dept., SPPU, with A+ grade.
10	Kadam Amruta Bhaskar M.Sc.II	<p>1. Participated in the International Webinar on Scope of Chemistry in Scientific Research organised by S.M. Joshi College, Hadapsar, Pune on 30 July 20.</p> <p>2. Participation in National Level NET SET GATE Guidance online lecture series organised by Dept. of Chemistry, Mahatma Gandhi Vidyamandir's Arts, Commerce and Science College, Manmad Affiliated to SPPU.</p>
11	Aditya Thore M.Sc. II	Won 2nd prize in Poetry reading (Marathi) competition organised by Modern College, Ganeshkhind, under Yuva Saptah 21 from 7 - 12 Jan. 21.
12	Manali Kashiram Kadam M.Sc. II	Participated in International Webinar on Polymers and current scenario of Covid 19 organised by Dept. of Chemistry (PG) , H.V. Desai College, Pune on 22 May 21.
13	Rupa Kishor Nadkarni M.Sc. II	Successfully completed NPTEL online course Application of Spectroscopic methods in Molecular Structure Determination.
14	Vaishnavi Dudhe M.Sc. II	Successfully completed NPTEL online course Application of Spectroscopic methods in Molecular Structure Determination.
15	Nikita Vyavahare M.Sc. II	Successfully completed NPTEL online course Application of Spectroscopic methods in Molecular Structure Determination.

Achievements of Alumni:

Sr. No.	Name of past student	Achievements
1	Dr. Namita More	Awarded Ph.D. in Organic Chemistry by NCL, Pune
2	Dr. Aniket Hande	Awarded Ph.D. by European Union in France
3	Dr. Shweta Yelgaonkar	Awarded Ph.D. by University of Iowa, USA
4	Dr. Dibyendu Mondal	Pursuing his post-doctoral studies in the USA. Recently he has published a paper in SCIENCE Journal with Impact factor 40.



Dr. Anup Ranade GM, PI Industries, Udaipur

Dr. Madhuri Kulkarni
Head Department Chemistry

ELECTRONICS

1. CURRICULAR AND COCURRICULAR ACTIVITIES:

A. This is the third consecutive year that a 30 hours **Value added course on "Modeling and Simulation using MATLAB"** was conducted for F.Y.B.Sc(Computer Science) students. The course was conducted online during 12th January 2021 to 21st February 2021. Total 26 students successfully completed the course. 15 male and 11 female candidates actively participated. The course was conceptualized, designed and executed by Dr. Mrinalini Bhadane.

B. DBT STAR Guest Lecture series titled **"Emerging Trends in Embedded Systems and Internet of Things"** was conducted on 27th, 28th January 2021. Resources having extensive research and development experience in their fields disseminated knowledge on various topics aligned with the title. Dr. Mrinalini Bhadane worked as a coordinator for this lecture series. Topics covered and the resources are listed below:

1. **Internet of things and Biometrics:** Dr. Medha Misar, B.R.Gholap College, Sangavi

2. **Internet Protocols:** Mrs. Madhuri Deshpande, S.P.College, Pune

3. **Embedded System Design:** Mr. Sandeep Agashe, Sandeep Agencies and consultancy for government and private industry project development

Total 140 students have attended the series of lectures.

C. INDUSTRIAL VISIT/ TRAINING/STUDY TOUR:

1. **Mr. Omkar Dehankar** student of S.Y Comp. has completed **4 months internship** from "Think Bigger Analytics LLP" as a data science intern.

D. E-CONTENT/ICT BASED DEVELOPMENT ACTIVITIES:

• Mrs. Vaishali Salunke uploaded **six videos on different topics of "8051 Microcontroller"** on YouTube channel.

• **Dr. Saroj Hole** uploaded **Sixty videos on different topics of FYBSC SYLLABUS CBCS PATTERN SEMESTER I AND II on YOUTUBE channel**

a) **Fundamentals of Digital Electronics,**
c) **Basics of Applied Electronics**

b) **Analog and digital device applications,**



d) Electronics devices and Circuits

2. EXTRACURRICULAR ACTIVITIES:

A. Department has organized a one **day session of student induction program** on 19th September 2020, organized for F.Y.B.Sc. Comp.Sc. students. Mrs. Vaishali Salunke presented and made the students aware about curriculum and assessment, co curricular, extra curricular and extension activities run through the department. Dr. Mrinalini Bhadane has taken a session on “Power of Concentration”. Total 104 students attended the session.

B. Parent Teacher meet was organized on 23rd January, 2021. Mentor teacher for the assigned group of 50 students from S.Y.B.Sc. Comp. Sc, Mrs. Pradnya Pathakji guided the meeting. 11 parents with 38 mentee attended the meeting.

3. EXTENSION ACTIVITY:

- Dr. Mrinalini Bhadane conducted Faculty Training Program for the teachers of Mathematics Department on '**Mathematical Modeling in MATLAB**' from 22 nd April'21 to 17 th May'21.
- Mrs. Vaishali Salunke and Mrs. Pradnya Pathakji worked as judge for Online Video and Quiz competition organized under intercollegiate event “Interaction” by the Department of Computer Sc.

4. STAFF ACHIEVEMENTS:

A. Paper Publication:

1. Mrs.Pradnya B.Pathakji published a paper in American Institute of Physics (AIP)

Conference Proceedings 2335, 090001 (2021) titled “Effect of light illumination factor on brain activity as a measure of event related potential using EEG Lab”

B. OTHER ACHIEVEMENTS

- Dr. Mrinalini Bhadane was an invited member of board of Studies in S.P.Pune University for designing the syllabus of B.Sc. (Cyber and Digital

Science). She was involved in the designing of the course on 'Fundamentals of Digital Communication Systems.

b. Mrs. Vaishali Salunke and Mrs. Pradnya Pathakji has successfully completed Certificate course in Research Methodology and Publication Ethics with A+ grade conducted by the Department of Electronics , Abasaheb Garware College, Karvenagar, Pune.

c. Mrs.Pradnya Pathakji has participated in 5 Days On line FDP from 30 May 20 to 3 June 2020 on the topic of “Evolution from Off line to On line teaching.”

d. Mrs. Pradnya B.Pathakji has successfully completed the online Short Term Training Program on “MATLAB based Teaching-Learning in Mathematics, Science & Engineering”. This STTP was organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18th to 22nd May 2020.

e. Mrs. Pradnya B.Pathakji has actively participated in HANDS-ON Faculty Development Program on Artificial Intelligence using Python organised by Department of Electronics & Telecommunication Engineering, A.I.S.S.M.S. Institute of Information Technology, Pune Supported by I.E.T.E. Pune Section in association with Brain Vision Solutions India Pvt.Ltd. & National Youth Council of India held from 14-09-2020 to 19-09-2020.

f. Mrs. Vaishali S. Salunke has completed 11 days exclusive training program Mobile based Smart E-Content development for online Teaching” by Knowledge bridge during 15-25 April 2020

g. Mrs. Vaishali S. Salunke has completed 5-days webinar series “Effective use of Digital tools in Academic Administration- “Work from Anywhere Anytime” conducted by HR dept., SPPU, Pune, on 8-13 June 2020

- h. Mrs. Vaishali S. Salunke completed 3-days Online National Workshop on 28,29 and 30 "Python Programming and Applications in Artificial Intelligence and Data Science" conducted by Dept. of Computer Sc., K.K. Wagh institute of Engineering Education and Research, Panchwati, Nashik
- i. Mrs. Vaishali S. Salunke completed 2-days webinar How to use VRIDDHI ONLINE admission along with online payment gateway- discussion on infrastructure requirement and new feature added in VRIDDHI ONLINE" on 23rd , 27th May 2020
- j. Mrs. Vaishali S. Salunke participated in 2-days university level 'Syllabus Implementation of CBCS 2019 Pattern for S.Y.B.Sc. (Computer Science) Electronics Subject' by Kaveri College of Arts, Science and Commerce , Pune in association with BOS, SPPU, Pune on 18,19 June 2020
- k. Mrs. Vaishali S. Salunke participated in 1-day

national FDP ON Virtual Electronics Lab for B.Sc. (C.S.) and B.Sc. (Regular) using CircuitMod Simulation on 27th June 2020 by MIT, Arts, Commerce and Science college, Pune

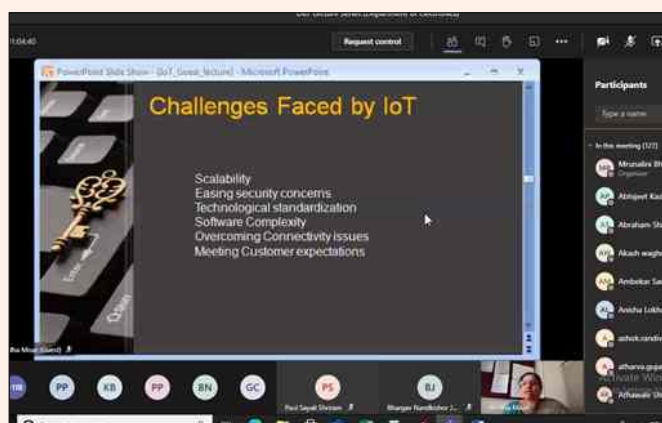
- l. Mrs. Vaishali S. Salunke participated in 1-day webinar on ' How to conduct virtual labs" by Department of Electronics and telecommunication, AISSPMS, Pune on 24 th June 2020

5. STUDENTS' ACHIEVEMENT:

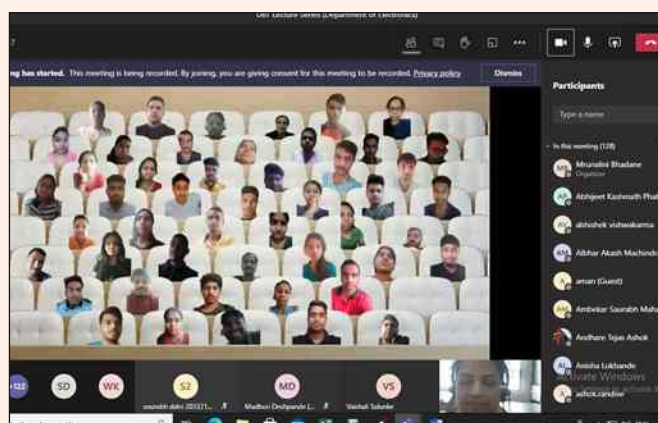
- a. Mr. Aditya S. Jadhav of F.Y.B.Sc. Comp.Sc. one first prize in online Science Quiz competition organised by Science association of the college on the occasion of National Youth Day on 12th January 2021.
- b. Mr. Prathmesh Patil won 2nd prize in Manthan : Debate competition organised by the science association of the college on the occasion of National Youth Day on 12th January 2021

Prof. Vaisali Salunkhe

Head - Department of Electronics



DBT Guest lecture series Dr. Medha Misar



DBT Guest lecture series Mrs. Madhuri Deshpande

PHYSICS

1. DEPARTMENTAL ACTIVITIES

1. An Astronomy Club 'The Astrophiles' was launched on 1/08/2021. Students of SY and TY B Sc Physics actively participated in this

activity. A website has been launched in the name of Astrophiles. The website is designed and created by Gaurang Potdar of T. Y. B Sc. (Physics)

<https://sites.google.com/moderncollegegk.org/astrophiles/sites.google.com>

Principal Dr. Sanjay Kharat, Vice-Principal Mrs.



Swati Kandhakar graced the occasion by their presence and guided the students. Mrs. Varsha Joshi, Head, Department of Physics is the teacher coordinator of this club. Mr. GaurangPotdra, Mr. Pranay Shukla

of T. Y. B.Sc. (Physics) worked as student coordinators. Pranay Shukla, Saurabh Singh, Satish Kumar, Madhuri Bhattacharya, Ashwini rana, Mayuri Kadam, Shlok Pillay, Shrutika Dhawale, Varad Bokil and Gloria Rocha contributed in the content development of the website.

2. A certificate course in 'Basic Astronomy' was organized online under DBT STAR College Scheme from 1st February to 5th February 2021. Total 130 students participated in this course. Prof. Mahendra Waghmare was the coordinator of this course. Dr. RakaDabhade, Head, Department of Physics delivered the inaugural Speech. Principal Dr. Sanjay Kharat, Vice Principal Dr. Ravindra Kshirsagar, DBT Coordinator Dr. Vinay Kumar and other faculty members, graced the inaugural function by their presence.
3. A certificate course in 'Basics of Nanoscience' was organized online under DBT STAR College Scheme from 10th February to 13th February 2021. Total 120 students participated in this course. Dr. Pratibha Rao was the coordinator of this course. Dr. Deepti Sidhaye, Department of Physics, Savitribai Phule Pune University, delivered the inaugural Speech. Principal Dr. Sanjay Kharat, Vice Principal Dr. Ravindra Kshirsagar, DBT Coordinator Dr. Vinay Kumar and other faculty members, graced the inaugural function by their presence.
4. A one day workshop on 'Laboratory and Safety and Maintenance' was arranged on 16th January 2021 for the support staff of the college under DBT STAR College Scheme. 40 members of support staff attended the workshop. Mrs. Chhaya Abnave was the coordinator of this workshop. Principal Dr.

Sanjay Kharat, Vice Principal Dr. Ravindra Kshirsagar, DBT Coordinator Dr. Vinay Kumar and other faculty members, graced the inaugural function by their presence. Dr. Ashwini Kulkarni, Dr. Manisha Mategaonkar, Prof. Deepak Kumbhar, Mrs. Gayatri Kshotriya and Mr. Yadnyesh Bhosale were the Guest speakers.

5. A student induction programme was arranged for first year students. They were given information of infrastructure and facilities available in the college, Library and sports facilities, examination, scholarships and cocurricular and extracurricular activities.
6. Parents Meeting- A parents meeting was arranged for parents of F.Y., S.Y. and T.Y.B.Sc. students in January 2021.

2. STAFF ACHIEVEMENTS:

All staff members completed Hands on training of Moodle software for promoting use of technology conducted by Modern College Ganeshkhind, in April - May 2020

Mrs. Varsha Joshi-

1. Presented a poster at the International Conference on Multifunctional Electronic Materials and Processing (MEMP- 2021) organized by Centre for Materials and Electronics Technology (C-MET), Pune from 8th to 10th March 2021 on "Synthesis and Characterization of Fe₃O₄ nanoparticles to study effect of pH and doping for its application in Musical Instruments" and received Best Poster Award for the same.
2. Participated in "An introductory workshop on Virtual Physics Lab" on 8/12/2020 organized by Department of Physics, The National Institute of Engineering, Mysuru

Dr. Pratibha Rao-

1. Presented a poster at the International Conference on Multifunctional Electronic Materials and Processing (MEMP- 2021) organized by Centre for Materials and Electronics Technology (C-MET), Pune from 8th to 10th March 2021 on "Synthesis and

Characterization of Fe₃O₄ nanoparticles to study effect of pH and doping for its application in Musical Instruments” and received Best Poster Award for the same.

2. Attended One week Faculty Development Programme on 'Future Materials: Nano-composites' from 15th June, 2020 to 21st June, 2020 organized by Department of Mechanical Engineering, Bharati Vidyapeeth College of Engineering, Pune
3. Attended Faculty Development Programme on 'Evolution from offline to online teaching', 30th May to 3rd June 2020 organized by Satish Pradhan Dnyanasadhana College, Thane

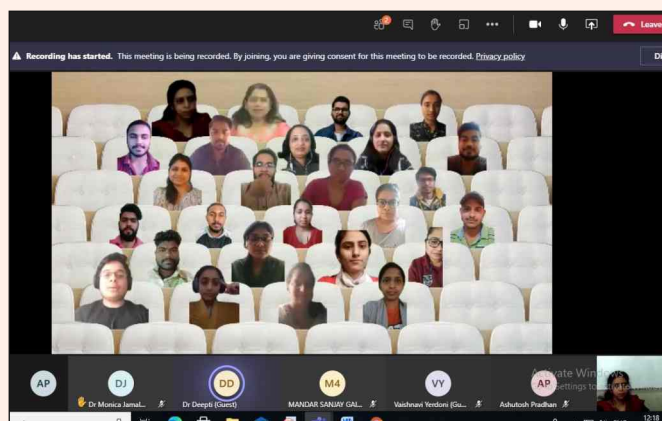
3. STUDENT ACHIEVEMENTS:

1. Mr. Shantanu Khamkar of T.Y.B.Sc. did screening of a number of short films on social issues and

historical places like Lohagad Fort, Pratapgad Fort. He did the screening of an award winning film: Stop Girls Harassment

2. Miss. Shivani Barge of T.Y.B.Sc. has won the Best Cadet Trophy of NCC. She has cleared SSB interview of Indian Army.
3. Miss. Krish Tiwari of S.Y.B.Sc. Volunteered at Smit Foundation, Ahmedabad, during Corona pandemic for helping the needy. She was awarded with a certificate for her outstanding dedication and service to nation to fight against Novel Corona.
4. Many students from S.Y. and T.Y. B.Sc. Class have passed SWYAM, NPTEL courses.

Mrs. Varsha Joshi
Head - Department of Physics



Certificate course in 'Basics of Nanoscience



one day workshop on 'Laboratory and Safety and Maintenance

MICROBIOLOGY

The department of Microbiology believes in establishing a culture of excellence in academics and research. It provides maximum exposure to the students and staff members by means of organizing guest lectures, educational visits, workshops, seminars, symposia, encouraging participation in research projects, science exhibition and competitions for developing the students in every aspect. As a result our alumni are well placed in

national and international research institutes, laboratories and industries.

Microbiology department organized the following activities for UG and PG students:

1. **International Webinar** on 'Molecular techniques used in the field of life sciences' where the speakers were Dr. Nikhil Bharambe, Postdoctoral research scholar, Department of Physiology and Biophysics, Case Western Reserve University, Cleveland, Ohio, USA and Dr. Priyanka Devi-Marulkar, International Medical Affairs, Assistant



Manager, Department of Medical Affairs, Servier, Suresnes, France on 5.2.2021, 6.2.2021 and 9.2.2021.

2. Designed and implemented an **extra credit course (1 credit: 10 hours) on: Soil Dynamics: Physicochemical and Microbial.**

3. Guest lectures under DBT STAR scheme:

a. Introduction to IPR with special reference to process of filing Indian Patent', by Dr. Sangeeta Telang, IPR consultant, Ex-Scientist at CSIR-URDIP, Ex-Scientist at Mitra RxDx Pvt. Ltd. On 10th February, 2021.

b. Effect of pollutants such as pesticides on embryo', by Dr. Vikram Ghole, Coordinator (Scientific), Academic Cell, National Institute of Virology, Pune on 16th January, 2021.

c. Opportunities and skills required to excel in a food industry', by Mrs. Medha Kulkarni, Manager, D & A, Doehler India Pvt. Ltd. On 27th February, 2021.

d. How to do Science, how to select and carry out research in a particular area and about insights drawn therein', by Dr. Yogesh Shouche, Principal Investigator, NCCS-NCMR on 23rd March, 2021.

4. ALUMNI INTERACTIONS:

a. 'Welcome to the world of IVF', by Ms. Sayali Palnitkar, Senior Embryologist, Cloudnine Group of Hospitals, on 20th February, 2021.

b. Current Opportunities in Life Sciences', by Mr. Gaurav Gunjal on 26th February, 2021.

c. Mr. Mihir Thatte, Vaintey Chem Products Limited conducted lectures for the extra credit course (1 credit: 10 hours) on : Soil Dynamics: Physicochemical and Microbial, in Feb. 2021.

d. Mrs. Pranitha Pandit, Ph.D student, Agharkar Research Institute, Pune conducted lectures for the extra credit course (1 credit: 10 hours) on: Soil Dynamics: Physicochemical and Microbial, in Feb. 2021.

e. Ms Priya Vaswani, The Wishing Factory (an

NGO): 'Thalassemia, its prevention and blood donation', on 1.05.21 for UG and PG students.

f. Dr. Priyanka Devi-Marulkar, International Medical Affairs, Assistant Manager, Department of Medical Affairs, Servier, Suresnes, France, spoke during the International webinar on 'Evolving Molecular techniques in Immunology', on 9.02.2021.

PARTICIPATION OF STAFF MEMBERS:

1. Courses done by staff members:

a. Microbiology department staff members successfully completed two faculty development programs conducted by PES Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16: on Moodle LMS training and on E-content development for online teaching, held during April 2020 and 25-30 June 2020 respectively.

b. Dr. Ashwini Kulkarni completed the 'Online course on Vaccine Development-Basics, pitfalls and trouble shooting', jointly organized by Pune Knowledge Cluster and Serum Institute India Pvt Ltd, Pune, from 15th January to 5th February, 2021.

2. **Syllabus revision design and implementation workshops** for SYBSc, TYBSc and MSc II were attended by the staff members.

3. Online webinars attended:

a. International conference, 'Proceedings in life sciences', by Dr. Ashwini Kulkarni on 1st and 2nd March, 2021.

b. National webinar on Bioentrepreneurship by Dr. Ashwini Kulkarni on 28th January, 2021

c. National webinar on 'Covid Vaccine: Truth and Untruth Unfold', by Dr. Ashwini Kulkarni on 27th to 30th January, 2021.

d. "Game Theory: Applications in Biology and in A Pandemic" organised under MANAV: Human atlas Initiative, by Dr. Gauri Phadke on 11th June 2020.

STAFF ACHIEVEMENTS:

1. Sonali Goyal- Received **First prize** of best presentation in Teacher's category, in **National level competition**, Microbiopodium organized by Govt. Institute of Science, Aurangabad.

2. Staff members were resource persons/ guest speakers for the following programs:

- Dr. Gauri Phadke spoke on 'Opportunities in Microbiology', for students of Dapoli Urban Bank's Senior Science College, Dapoli on 26th February, 2021.
- Dr. Ashwini Kulkarni spoke on 'Bioremediation of wastewater using microorganisms', for students of SES SNBP College of Arts, Science and Management Studies, Morwadi, Pimpri, Pune-18, on 18th January, 2021.
- Dr. Ashwini Kulkarni spoke on 'Safety in Life Science Laboratory', in the workshop on 'Safety in laboratories', conducted by Dept of Physics, PES Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16 for non-teaching staff members, on 16th January, 2021.

STUDENTS ACHIEVEMENTS:

A) NET/SET/GATE qualification:

- Rutuja Sawant (MSc II-2019-20): GATE 2021.
- Shovik Mal (MSc II-2020-21): GATE 2021.

B) UG and PG Students participated in **national level competition Microbiolympiad** and other competitions organized by Govt. Institute of Science, Aurangabad.

- Aishwarya Chaudhari (M.Sc.) won acclaim in MicrobioCanvas competition.
- Amulya Parab (SYBSc) won acclaim in MicrobioSlate competition.
- Jwalanthi Sundaram (TYBSc) scored 70/100 in Microbiological Quiz.
- UG students who qualified Microbiolympiad.: Ms. Amulya Parab, Ms. Shruti Rokade, Ms. Jwalanthi Sundaram, Shruti Kasote
- PG students who qualified Microbiolympiad.: Ms. Siddhida Aphale, Ms. Aishwarya Chaudhary, Ms. Rani Chivhe, Mr. Shovik Mal

C) Other achievements:

- Vinay Naik (M.Sc. II) Selected as 'Member of Maharashtra State Team', for the **National Level,**

25th National Road Cycling Tournament under 'India Made Category'.

- Jwalanthi Sundaram T.Y.B.Sc, won the **Third Prize in Inter-Collegiate Level Poetry Competition** under Science: beyond Bias and Barriers, Organized by PDEA's Annasaheb Magar College, Pune On the occasion of 'International Women's Day', 8.03.2021.
- Dhanashree Kulkarni (TYBSc) won the **Best Sketch award at Inter-Collegiate Level for Pencil sketching competition on Animal Sketches** Organised under DBT STAR College activity Zoo Fest by Department of Zoology, Ramniranjan Jhunjhunwala College of Arts, Science and Commerce, Ghatkopar, Mumbai on 10th October 2020.
- UG and PG students successfully completed SWAYAM/ NPTEL courses.

SOCIAL CAUSE AND SUPPORT-

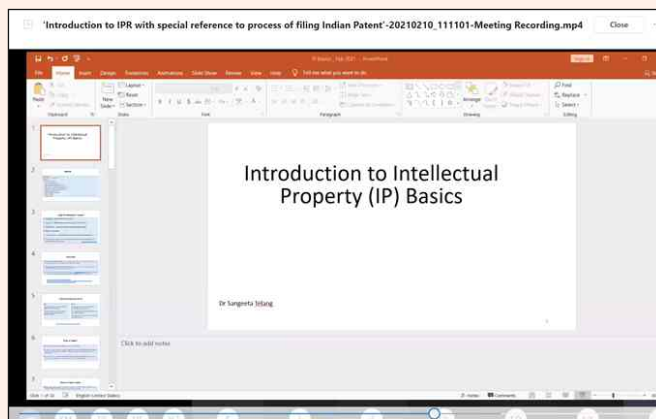
1. Mrs. Sneha Ogale-

- Donation of 1000 US Dollars to **The Rotary Foundation** which will be used for executing projects in seven areas of focus and all over the world. So, there was contribution to various community projects world over.
- Donation of Rs 70000/- during the Rotary Year 2020- 21 to **Rotary Club of Pune South Charitable Trust**. This immensely helped Rotary Club of Pune South to execute important projects. The funds were utilized in following projects to name a few.:
 - Improving the local green cover with Tree Plantation Drive at Village Chambli, Saswad
 - Donation of a Cow to a needy farmer at Shenwad village in Velhe Taluka. This will help the family get additional source of income and milk for the children at home.
 - Execution of Sunder Gharkul Competition at Village Kumbale and evaluation and education of the local people to keep their homes, areas and village clean and take care of health and hygiene.



- iv. Donation towards Plasma donation and attending the Visit to Blood Donation
- v. Donation to Tarachand Hospital towards Oxygen requirements during these Covid pandemic times
- vi. Donation for School Education program and for providing Donation of two posters 1) Modern Periodic table and 2) display of how to do proper hand sanitization to Nutan Bal Vikas Mandir by Rotary Club of Pune South.
- vii. Donation for Sadbhavana Medical camp for beneficiaries of Jammu & Kashmir people in association with Indian Army and Medical camps for orphan girls of **Borderless World Foundation**. Thanks for your volunteering work in various projects and active participation.

Prof. Sneha Ogale
 Head - Department of Microbiology



MATHEMATICS

STAFF ACHIEVEMENT :

1) Our faculty member Ms. Prajakta Talole is a recipient of:

Sr No.	Details
1	Late Principal Ranglar Gopalkrishna Laxman Chanratraya Gold Medal : For standing First at M.Sc. (Mathematics) Semester System as well as Credit System Exam held in April / May 2019
2	Late Shri Damodar Ganesh Ramdasi Gold Medal : For standing First at M.Sc. (Mathematics) Semester System as well as Credit System Exam held in April / May 2019

2) Mr. Satish Jadhav and Mr. Gaurav Pagar qualified SET examination (December 2019)

Student Achievement :

Ms. Vaishali Dhore, S.Y.B.Sc. student is selected for 29th Mathematics Training and Talent Search Program, MTTs (Level 0). This is a three week summer training program. This training program is funded by National Board of Higher Mathematics, an apex body of the Department of Atomic Energy, Government of India.

Departmental Activities :

1) Syllabus restructure workshop for S.Y.B.Sc. (Computer Science) and M.Sc.-II (Mathematics) was conducted on '**Python**' for Mathematics teachers of all colleges affiliated to Savitribai Phule Pune University under DBT Star College scheme on 13-14 August 2020. Total 277 teachers from Pune University were participated in this workshop



2) Skill development program of 10 lectures was organized for M.Sc.

(Mathematics) Part - II students on **scilab** software in the month of February 2021.

3) Online Guest lecture was organized on “ **Groups and Symmetries** ” for B.Sc., B.Sc. (Computer Science) and M.Sc. students on 12 February 2021 at 11.00 am. Dr. Ganesh Kadu, Assistant Professor, Department of Mathematics, Savitribai Phule Pune University was the resource person. Total 70 students have attended this lecture

4) Certificate course in “ **Vedic Mathematics** ” was conducted for all faculty students between 15 February 2021 to 10 March 2021. Total 203 students were participated in this course. Mrs. Jyoti Kajale conducted the course.

5) On 4th March 2021 '**Power Point Presentation**' competition was conducted for under graduate and post graduate students. Total 09 students were participated in this competition

Power Point Presentation 2021 Winners:

Team	Students	Topic
Winning team	Sampada Bhoite (M.Sc. Part - I) Sheetal Dhore (M.Sc. Part - I)	Proofs of $\sin(a + b)$ and $\cos(a + b)$
Runner-up	Adesh Nikam (M.Sc. Part - I) Phalguni Khadayte (F.Y.B.Sc.)	Sum of an infinite Geometric series

6) On 6th March 2021 '**Mathematics Quiz**' was conducted from 12.00 noon to 2.00 pm. Total 9 teams with 12 students of F.Y.B.Sc. and S.Y.B.Sc. participated in the Mathematics Quiz

Quiz 2021 Winners:

Team	Students
Winning team	Akash Kadnor (S.Y.B.Sc.) Sahil Pathan (F.Y.B.Sc.)
Runner-up	Sohel Shaikh (S.Y.B.Sc.) Sunny Paslakar (F.Y.B.Sc.)

7) Faculty Development Program on “ **Mathematical Modelling in MATLAB** ” was conducted between 22 April 2021 to 17 May 2021 under DBT STAR College Scheme. All 10 faculty members of the department actively participated in this training program. Dr Mrunalini Bhadane, Assistant Professor, Department of Electronics of our college was the resource person.

8) Skill development program was organized for M.Sc.(Mathematics) Part - II students on **Latex** software from 31/05/2021 to 05/06/2021. Mrs. Pooja Paratane, Assistant Professor, Department of Mathematics, Modern College Shivajinagar, Pune - 5 conducted the lectures.

STAFF ACTIVITY:

1) All faculty members in the department have attended Faculty Development program on “ Moodle ” on 15, 18, 21 April 2020 and 3, 22 May 2020 organized by the college.

2) All faculty members in the department have attended Faculty Development Program on “ e-Content Development for online teaching ” on 25 - 30 June 2020 organized by the college.

REPORT OF “PYTHON WORKSHOP”

Department of Mathematics has organized two days online workshop on Python Software dated on 13th and 14th August 2020 under DBT STAR College Scheme, Department of Biotechnology, Government of India and in association with Board of Studies, Mathematics, Savitribai Phule Pune University, Pune. This workshop was organized for Mathematics Teachers of all Colleges affiliated to Savitribai Phule Pune University, Pune.

For the inaugural function Dr. S. B. Gaikwad (Chairman BOS, Mathematics) was the chief guest, Dr. Prakash Dixit (Visitor of our College) was the special invitee. Both the guests have addressed the participants on this occasion. Dr. Sanjay Kharat Principal of our college guided us on this occasion. Mrs. Swati Kandharkar, Head of the Department gave



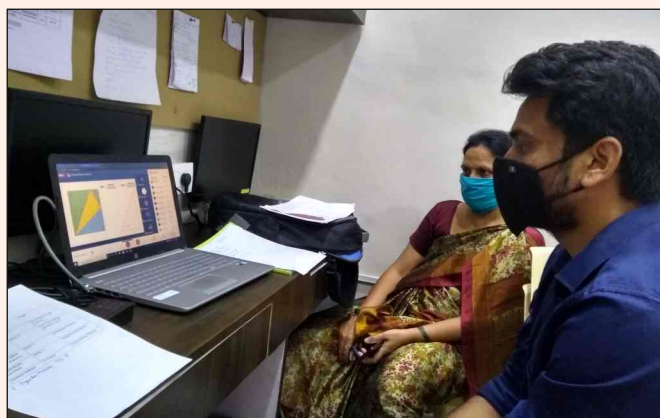
information about the department and workshop organized. Mrs. Pratibha Pawar did the comparing and given the vote of thanks. All the three sessions on first day , 13th August 2020 were compared by Mrs. Shamal Deshmukh and on the second day all the three sessions of 14th August 2020 were compared by Jayashree Shinde. Total 277 number of participants were participated in the workshop.

Mrs. Pratibha Pawar was the Coordinator of the two days online workshop on Python software..

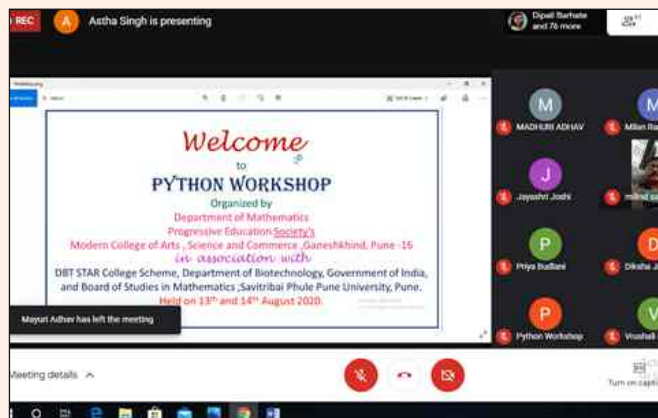
List of Resource Persons :

Sr. No.	Name of the Resource Person	Institute
1	Dr. Kalyanrao Takale (BOS Member, Mathematics, SPPU)	Gokhale Education Society's , RNC Arts , JDB Commerce and NSC Science College, Nashik
2	Dr. Amjad Shaikh	Poona College, Pune
3	Asst. Prof. Krishna Ghode	B.K. Birla College of Arts, Science and Commerce, Kalyan, Thane

Prof. Swati Kandharkar
Head - Department of Mathematics



PPT Computations



Inauguration function for the Python Workshop

STATISTICS

1) SEMINAR:

One day seminar was presented by students of T.Y.B.Sc. (Statistics) on the occasion of birth anniversary of Prof. R.A. Fisher.

Details are as follows:

Topic: Contribution by Sir R.A.Fisher in Statistics

Date and Time: Date:17/02/2021 Time: 11:00 am to 2:00 pm

Beneficiaries: S. Y Bsc and T.Y.Bsc(Statistics)

2) Hands-on training program on “Use of R- Studio

in Data Analytics” was Conducted through Google Meet.

Resource Person: Dr. Sachin Adnaik,

Designation: Data Analytics Consultant & Corporate Trainer, 'I' Analyst InfoTech: Training & Consulting, Pune.

Topic: Hands on training program on “Use of R-Studio in Data Analytics”

Date and Time: Date:4th March 2021 and 5th March 2021. Time:11am to 2 p.m

Beneficiaries: S. Y Bsc and T.Y.Bsc(Statistics)

Number of Attendees: 43

3) Invited Lectures (Online Lecture)

Topic: "Text-Mining"

Name of the speaker: Dr. Kalyan Joshi

Designation: Principal Analytical Consultant, Professional Services Competency Centre (PSCC), SAS, Research and Development, Pune

Date and Time: Date: 06/03/2021, Time: 11:00 a.m. to 12:30 noon

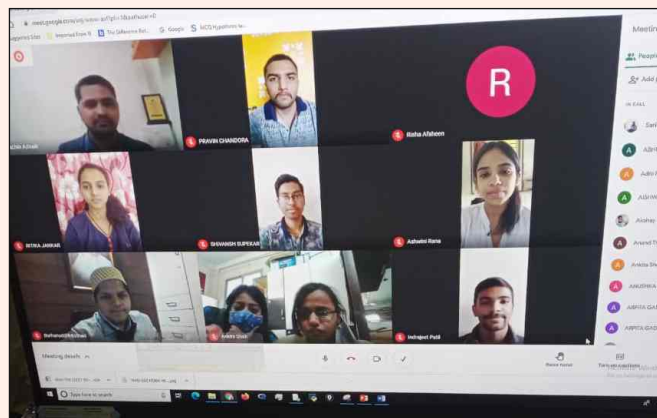


Birth anniversary of Prof. R.A. Fisher

Beneficiaries: F.Y.Bsc., S.Y.B.Sc, T.Y. B.Sc and F.Y.B.Sc (computer science)

Number of Attendees: 100

Prof. Rajashree Umarani
Head - Department of Statistics



Hands-on training program on "Use of R- Studio in Data Analytics"

ZOOLOGY

1. ONLINE LECTURE SERIES ON OCCASION OF "NATIONAL BIRD WEEK" under DBT Star college scheme (6th - 11th November, 2020)

The Department conducted an online lecture series to commemorate the National Bird Week from 6th -13th November, 2020. During this eminent scientists, academicians and medical professionals delivered lectures to the students.

Online platform: google meet, No. of beneficiaries: 95

Topics: World of amphibians, field ecology, use of geotagging softwares, scorpions of India, life in a drop of water, organ transplantation.

Names of speakers: Dr. V.B.Giri, Dr. Devika Ranade, Dr. D.B.Bastwade, Dr. Ravindra Kshirsagar, Dr. Manoj Durairaj

2. Conserve Mother Earth

Conserve mother earth is an initiative for wildlife conservation undertaken by Department of Zoology, Modern College of Arts, Science and Commerce, Ganeshkhind under DBT Star College Scheme every year. This year it was run as an online activity. It was undertaken from **20th January 2021 to 5th February 2021**. No. of beneficiaries: More than 200 school children

List of schools who participated in this online activity: I teach School RSM, Modern High School, Aranyeshwar High School, Prestige public school, Abhinav School, Aaryans World School, Periwinkle school. The number of student beneficiaries were around 100.

3. ZOOLOGICA

Online Zoologica activity (under DBT Star College scheme) (28th- 31st January, 2021)

The Department conducted an online student centric activity called Zoologica, during which various competitions like photography, essay, e-poster



competition and quiz was conducted during 28th – 31st January, 2021.

Online platform: google meet and submissions on e-mail No. of beneficiaries: 105

Theme: Conservation of Wildlife, Animal- Human Conflict

Names of panel of judges: Mr. Girish Choure, Dr. S.G. Deshpande, Dr. S.M. Jadhav, Dr. S.A. Inamdar

4. Department has launched a Modern Consultancy for Biobusiness and placement cell on 2nd January, 2021

Inauguration by Dr. Sanjay Kharat, Dr. Dnyaneshwar Wakchoure (Ashwamedh group), Dr. Vasant Narke (Tox India), Dr. R.S. Pandit (Professor, SPPU)

Objectives: The main objective of this centre is to train students, veterinarians, biologists, physiologists, bio-engineers, biomedical scientists, etc.) to collaborate with technology driven people and make them familiar with modern technology and provide opportunities for Placement and Entrepreneurship

5. Human- Gaur Conflict project in collaboration with Ministry of Forests, Government of India

The recent incident of Gaur straying in Pune city initiated a huge discussion on human-animal conflict. There were two independent incidents where Gaur strayed into the city, one was near Mahatma Society in Kothrud and another near Sutarwadi near Bombay Bangalore highway. In both these localities, Gaur was sighted early morning in broad daylight. Unfortunately, the first Gaur spotted on 9th Dec 2020 died during rescue operations. The incident made major headlines and forest departments, police force, rescue team were on receiving ends for mishandling the situation.

During this activity, student volunteers from the Department of Zoology participated as members of the core committee for the Gaur survey after receiving official training from the Department of Forests, Government of Maharashtra.

6. Memorandum of Understanding:

The Department already had MoU's with Ashwamedh

Pvt. Ltd. Which was renewed and from the year 2021, the Department has 4 functional MoU's with Ashwamedh Pvt. Ltd, Central Sericulture Board, Bee Basket and Vaidika group

STAFF ACHIEVEMENTS:

1. Dr. Sanjay Kharat:

Publications:

Osteological description of Indian Skipper Frog *Euphlyctis cyanophlyctis* (Anura: Dicroglossidae) from the Western Ghats of India, Sanjay Kharat et.al. *Journal of Threatened Taxa* 12(9), 16136-16142. (2020)

2. Dr. Shakera A. Inamdar :

- Completed online 10 days Faculty Development program on Effective ways to develop e-content for teaching learning, KTHM College, Nasik, May 2020
- Completed online 8 days Faculty Development program on Basic research methods and data analysis, Delhi Institute of Advanced studies, Delhi, February 2021

PUBLICATIONS:

- Diversity and Seasonal Incidence of Darkling Beetles (Family Tenebrionidae) of Pune District, Maharashtra, Conference proceedings, International Conference on RESEARCH INTERVENTIONS AND TECHNOLOGICAL ADVANCEMENTS IN PLANT SCIENCES, 26th- 28th March, 2021, ISBN:- 978-81-951982-3-8

3. Dr. Ravindra Kshirsagar :

ACHIEVEMENTS:

- Completed 2 days National Faculty Development program on Building a perspective understanding of microbial communities, Nirmala College, Tamil Nadu, June 2020
- Completed online 8 days Faculty Development program on Basic research methods and data analysis, Delhi Institute of Advanced studies, Delhi, February 2021
- Best Oral presentation paper award for the paper

entitled, Occurrence of tricladiid and cladocerans from lentic water bodies of Pune District, Maharashtra, India in International Web Conference on Recent advances in Freshwater Aquaculture (RAFA- 2021) on 21st- 22nd January, 2021

PUBLICATIONS:

1. Patil N., Kshirsagar R ' The Epidemiology of Covid-19 – A Review' Vol.9, Issue 5, May 2020, ISSN : 2231-3990 published in ISSN UGC Approved Alochana Chakra

Journal <http://www.alochanachakra.in/VOLUME-IX-ISSUE-V-MAY-2020/>

2. Patil N., Kshirsagar R , Impact of COVID-19 on Agriculture – A Review Published in A Multidisciplinary International Level Referred 'Journal of Research and Development' Volume 10, Special Issue 08, May 2020 with Cosmos Impact Factor 5.13 & amp; ISSN 2230-9578.

3. Patil N., Kshirsagar R ,Role Of Balanced Diet And Holistic Nutrition In Women

4. Undergoing Menstruation in Universe International Journal Of Interdisciplinary Research (Peer Reviewed Refereed Journal) ISSN (O) – 2582-6417 April. 2021 | Vol. 1, Issue 11

4. Ms. Manisha Mategaonkar

ACHIEVEMENTS:

- Completed 5 days online Faculty Development program “How to Publish Research Paper in Scopus Indexed Journal: A Step By Step Approach”, Dr. V.N. Bedekar Institute, Mumbai, May 2020
- Completed 3 days online training program on Educational video creation: e-content development, Hingoli, May 2020
- Completed 8 days online Faculty Development program on Basic research methods and data analysis, Delhi Institute of Advanced studies, Delhi, February 2021

PUBLICATIONS:

• **Manisha Mategaonkar**, Corona virus and its chemistry, e-Conference on strategies and challenges in higher education during COVID-19 lockdown period in India with reference to the world, December, 2020

• **Manisha Mategaonkar**, R. M. More, Dr. Shakera Inamdar, Dr. Ravindra Kshirsagar, Nutrient composition of *Xenentodon cancala* (Hamilton, 1822) from Bhima River of Maharashtra, India in International Conference on Recent Advances in Freshwater Aquaculture, 2021

• **Manisha Mategaonkar**, Study of Molecular Taxonomy of Beetles of Family Hydrophilidae of Pune Region (MS), India, Conference proceedings, International Conference on RESEARCH INTERVENTIONS AND TECHNOLOGICAL ADVANCEMENTS IN PLANT SCIENCES, 26th- 28th March, 2021, ISBN:- 978-81-951982-3-8

5. Mr. Ajinkya Unawane

Lead role in executing the Human- Gaur conflict project in collaboration with Ministry of Forests, Government of India.

6. **Dr. Rubeen D. Nadaf** – Awarded Ph.D. on 27th March, 2021. Title of Ph.D. : Studies on lipase synthesizing potent microorganisms for biodiesel production under the guidance of Dr. C.T. Shivasharana, Karnatak University, Dharwad

PUBLICATIONS:

1. Nadaf, R. D and C.T. Shivasharana, Extracellular lipase from *Bacillus subtilis* KUBT4: isolation, identification and characterization, International Journal of Pharmaceutical Sciences and Research, 10(5), 2545-2549, Impact factor 0.27

2. Nadaf, R. D and C.T. Shivasharana, Optimization of the Media Components by One Factor at a Time Methodology to Enhance Lipase Production by *Bacillus subtilis* KUBT4, International Journal of Scientific & Technology Research, 9(1), 3601-3606. Impact factor. 0.2

3. Nadaf, R. D and C.T. Shivasharana, The Role of Algae in Sustainable Environment: A Review.



Journal of Algal Biomass Utilization, 11(2), 28-34.

7. Ms. Aboli Belhekar

- Completed 15 days Online course on 'A primer on biodiversity and freshwater ecosystems of the western ghats' by Bioera Pune, June 2020

STUDENT ACHIEVEMENTS

- Pooja Ghode (M.Sc- II)** Recipient of the Inner wheel Imperial scholarship, amount received Rs. 5000
- Sachin Bomen (T.Y.B.Sc)**: Selection in CRPF Reserve Police Force, 2021
- Taneeshi Kotwal (T.Y.B.Sc)** : Recipient of "Pride of Modern Trophy", 2021
- Tushar Shyam Randive (S.Y.B.Sc)** : Online Sports Quiz Competition organised by MMCC College, Pune
- Pooja Patil (S.Y.B.Sc)**: Second prize in "Art your way" competition held all over India
- Diksha Rajguru (F.Y.B.Sc)**: Participation in ek Bharat Sreshtha Bharat Program organized by Bombay Natural History Society, Mumbai, May 2021
- Raunak Pandit (F.Y.B.Sc)**: 3rd prize, Ramnadi Restoration- photo walk competition, February 2021

1. CONFERENCE PUBLICATIONS:

Name of the Conference: INTERNATIONAL e-CONFERENCE ON RESEARCH INTERVENTIONS AND TECHNOLOGICAL ADVANCEMENTS IN PLANT SCIENCES, SAWANTWADI 26th- 28th March, 2021

Name of the Students and the title of Abstract: ISBN:- 978-81-951982-3-8

Bhawana Singh (M.Sc-II): Study of Antibacterial Property of Sundarban Honey

Apurva S. Bhosale (M.Sc-II): Butterfly Diversity of Paparamnagar, District Solapur, (MS), India With Special Reference to Host Plants

Pooja L. Ghode (M.Sc-II): Diversity of Order

Lepidoptera from Taleran Area, Junnar Tehsil, District Pune, (MS), India

Priya Sharma(M.Sc-II): Odonate Diversity in Air Force Station, Lohegaon Area, District Pune, (MS), India

Alfiya Aslam Attar(M.Sc-II): Isolation of Microbial Flora from Pigeon Droppings

Nikam Yash(M.Sc-II): Study of Diversity of Invertebrates in Moss

2. Ph.D. students

Students of Research Centre in Zoology are the proud recipients of SARTHI National Research Fellowship by Chhatrapati Shahu Maharaj Research, Training and Human Development Institute for pursuing Ph.D.

Sr. No.	Name of the student	Name of the guide	Year of fellowship
1	Mr. Ranjit More	Dr. Jeewan Sarawade	2019
2	Mrs. Priyanka Patil	Dr. Sanjay Kharat	2019

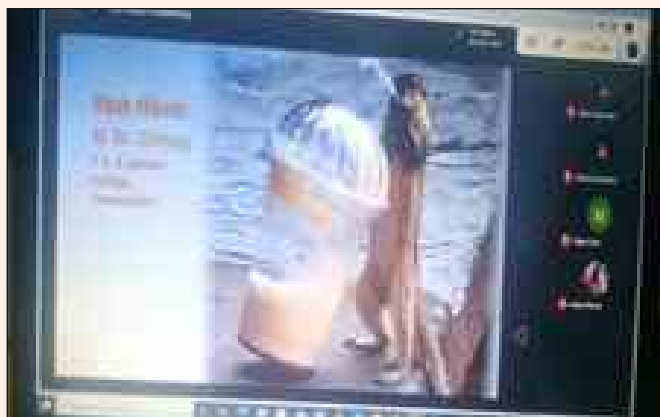
Details of Ph.D. Students Admitted (2020- 2021)

	Number of students
Full Time	03
	Mr.Mubeen Shaikh
	Mr.Ganesh Markad
	Ms. Deepali Walunj

Details of Ph.D. Students graduated (2020-2021)

	Number of students
Full Time	02
	Dr. Nirbhay Pimpale- Dr. Sanjay Kharat
	Dr. Pratibha Sawant- Dr. Ravindra Kshirsagar

Dr. Shakera Inamdar
Head - Department of Zoology



**Online Conserve Mother earth activity,
20th January- 5th February, 2021**



**Inauguration of Biobusiness Centre ON 2nd January,
2021, Department of Zoology**

CENTRAL LIBRARY

Library Collection: Total number of books in the Central Library has crossed 35081 & donated books 2974. In the year 2020-2021 new 765 books added in the library. Library has subscribed 82 periodical in the library. Library has taken membership of N-List Infibnet Consortia and J-Gate Basic Science database to access millions of online paid & free e-journal, e-book & other scholarly publications in electronic forms. Library has taken institutional membership of Jaykar Library, Bionano Froniter, Savshodhan, and Deccan Geographer & Maratha Chamber of Commerce & Agricultural Industries for exchange of resources.

Library Automation & Digitization: Library is fully automated with AutoLib Library Management Software since 2006 and updated is new version called "AutoLib NG" with new module web based online public access catalogue (**Web-OPAC**) which users can use on internet or intranet.

Library Services during Covid 19 lockdown: During lockdown teaching is online so library services and facilities are also made available online on college website. Librarian has created an online resources platform for all the students using **Padlet** and gave access to all necessary information to students. She has conducted online library orientation program for the newly admitted students in the beginning of the year.

LIBRARY STAFF ACHIEVEMENTS:

Librarian: Dr Sangeeta Dhamdhare-Rao

ACHIEVEMENTS AND AWARDS:

1. She has nominated and received "**Nobel Laureate Jane Addams Inspiring Women of the year 2021 award in Information Science**" of IMRF, India

PUBLICATIONS:

Books:

1. Dhamdhare, Sangeeta and Lihitkar, Ramdas (2020). "Web-based services: a transforming revolution in modern libraries". ESS ESS Publications, New Delhi, ISBN: 978-93-87698-32-1, Pages: xvii, 250
2. Dhamdhare, Sangeeta N (2020). National seminar proceedings on Intellectual Property Rights (IPRs) and Research Ethics-2020. Sponsored by Indian Council for Social Science Research (ICSSR), MHRD, New Delhi. Published by Modern College of Arts Science and Commerce, Ganeshkhind, Pune. ISBN: 978-81-944481-1-2. Pages: xv, 57
3. Dhamdhare, Sangeeta N (2020). Big Data Application for Improving Library Services. IGI Global, USA. September 2020. ISBN13: 9781799830498, ISBN10: 1799830497, EISBN13: 9781799830511, DOI: 10.4018/978-1-7998-3049-8. Pages: 300.



Book Chapters:

1. Kharat, Sanjay and Dhamdhare, Sangeeta (2020). Transformation in higher education system with flipped classroom and new educational technologies. Pursuit of quality in higher education: an Indian perspective. National Assessment and Accreditation Council, Bangaluru, India. ISBN: 8-189-84210-2 , 978-81-89842-10-9, 118-131
2. Dhamdhare, Sangeeta and Mane, Deepak (2021). Real time recommendation engine for readers. Big Data Application for Improving Library Services. IGI Global, USA. September 2020. ISBN13: 9781799830498, ISBN10: 1799830497, EISBN13: 9781799830511, DOI: 10.4018/978-1-7998-3049-8.ch011. Pages: 13

EDITORIAL BOARD MEMBER AND REVIEWER:

- Associate Editor of the International Journal Of Library And Information Science, <http://www.academicjournals.org/journal/IJLIS/editors>, ISSN 2141 – 2537
- Editorial Board member of International Women Journal of Distance Education, Turkey, <http://wojde.org/?pnum=5&pt=Editorial%20Board>, ISSN 2147-0367
- Editorial Board member of International Journal of Library and Information Services, IGI Global USA
- Editorial Review Board member of International Journal of Information Communication Technologies and Human Development (IJICTHD). ISSN: 1935-5661, EISSN: 1935-567X DOI: 10.4018/IJICTHD
- Editorial board member of the International Journal of Information Library and Society. ISSN Number: 2278-0386, Publishing India Group
- Editorial Board Member of the IJBST Journal Group
- Editorial board member- International Journal of Research & Development Organisation (IJRDO). <http://www.ijrdo.org/board.php>

- International Educational Research Centre - Member
- Editorial Board Member of Global Journal of Academic Librarianship [GJAL] http://ripublication.com/editorial_board_of_gjal.htm
- Editorial Board Member of International Journal of Librarianship and Administration (IJLA) http://ripublication.com/editorial_board_of_ijla.htm
- Editorial Board Member of International Journal of Library Automation, Networking and Consortia (IJLANC) http://ripublication.com/editorial_board_of_ijlance.htm
- Editorial Board Member of International Journal of Information Technology and Library Science (IJITLS) http://ripublication.com/editorial_board_of_ijitls.htm
- Editorial Board Member of International Journal of Digital Libraries and Knowledge Management (IJDLKM) http://ripublication.com/editorial_board_of_ijdlkm.htm

Ms. Sheetal Shetty, Library Clerk attended following workshops

- Administrative Staff workshop I “Using E-Mails” on dated 18th Jan 2021.
- Administrative Staff workshop II “Hardware and OS Issues” on dated 19th Jan 2021.
- Administrative Staff workshop III “Tally” on dated 20th Jan 2021.
- Administrative Staff workshop IV “MS-Excel and MS-Word” on dated 21th Jan 2021.

Support staff: Santosh Mohol, Makarand Shendkar, Mahesh Darekar, Rohit More & Swati Shibe have attended following workshops

- Laboratory Safety and Maintenance One day workshop as on 21th Jan 2021: 01

Dr. Sangeeta Dhamdhare
Librarian

PHYSICAL EDUCATION & SPORTS

INTRODUCTION

COVID 19 situation has a great impact on the sports field. Due to this situation and guidelines from UGC and SPPU University, this academic year, not a single sports event was organised by the college. But players of the college kept themselves engaged in fitness activities as per their convenience.

FIT INDIA MOVEMENT ACTIVITIES

Paryavaran-Bhakti Cycle Ride

The Environment and Fitness of the body and soul are very important for the existence of life. Cycling helps out in both cases. In Indian Philosophy, Bhakti means devotion, always dominating the personal and environmental well-being. Gaurav devkar and priya dongare

To spread the message of protection of the environment and fitness, our Modern Cycling Club completed the "Paryavaran-Bhakti Cycle Ride" from Pune to Pandharpur and back covering a distance of 450 km in 4 days i.e. from 16 to 19 December 2020. Dr. Deepak Shendkar, Dr. Sanjay Patil (Ride Manager), Prof. Namdeo Doke (Ride Incharge), Prof. Sandip Sanap, Mr. Namdeo Manshetwar, Miss Bhushali Musale, and Miss Samruddhi Shendkar participated in the ride. First day stay was at Bhigwan, Indapur at the house of Gaurav Devkar, our college student. Stay for the second day was at Pandharpur and the stay for the third day was at Neera Wagaj at the house of Bhalchandra Dhekane.

1000 KM CYCLING CHALLENGE ACTIVITY

On Sunday, 11th October 2020 college organised a 1000 KM challenge. 26th participants cumulatively completed 1133.67 KM on a single day.

Walkathon

On 18th October 2020 under Fit India Movement Department organised a one day virtual walkathon for promoting fitness among the students, parents, staff and family members of staff. Target of 500 KM was set for this event but 44 participants covered 626.26 KM in one day. Participants recorded and

shared their activities with the help of google form.

Trekking Club

Under the trekking club initiative, college staff and students trek the Kalavantin Durg, Prabalgad, Ghangad, Koraigad, Ratangad, Sandanvalley, Ramshej, Harihar, Brahmagiri, Durga Bhandar, Rohideshwar, Kenjalgad, Mangalgad, and Vasota. We have taken the initiative of "Water analysis of Fort" with the help of the Chemistry, Microbiology department. But due to Covid 19 Lockdown we are unable to complete our target of 50 forts in a year.

Personal Report of Dr. Deepak Shendkar

1. Worked as a resource person for Bal Bharati on 8th July 2020.
2. Worked as an Expert member for the St. Mira's College for Girls, Pune, for developing Physical Education and Sports credit syllabus for the academic year 2020-2021.
3. Worked as a resource person at National e-Conference organized by SCPETA, Kolhapur, and delivered a lecture on "Physical Education Scheme in Maharashtra". 11th January 2020.
4. Delivered guest lecture at Modern College of Arts, Science and Commerce, Shivajinagar on "Physical Fitness" on 31st July 2020.
5. Completed FDP on "Yoga" organized by SPPU during dates???
6. Completed the 5 Day Faculty Development Program on "e-Content Development for Online Teaching" organized by Modern College, Ganeshkhind, Pune 16 schedule from 25th June 2020 to 30th June 2020.
7. Participated in "Effective Curriculum Delivery and Academic Planning"* organized by IQAC, Modern College of Arts, Science and Commerce Ganeshkhind, Pune 16.
8. Delivered Lecture to PhD students of Kolhapur University on Statistics in Physical Education as Resource Person on 31st December 2020.
9. Worked as resource person for Statistical Analysis for PhD Students of Zoology PhD Students.
10. Worked as resource person for national webinar



on Stress Management organised by Amruteshwar College, Vinzhar, Pune on 12th June
11. Completed Yoga Certificate Course with Distinction, conducted by Yog Vidya Gurukul, Nashik which was recognised by Ayush



Dasara Ride 22 Participants completed 941 Km on occasion of Virtual Dasara Ride organised on 25th October 2020

Department of Government of Maharashtra.
12. Worked as coordinator of Independence day, Republic Day and Shiv Swarajya Deen Program.

Dr. Deepak Shendkar
Head - Department of Physical Education and Sports



Pune - Lonavala - Pune Dasara Ride

जाणीव उपक्रम

१. दरवर्षी प्रमाणे महाविद्यालयाने अनाथाश्रमाला त्यांच्या गरजेप्रमाणे विविध वस्तुंची मदत केली.

चिंचवड येथील गुरुकुलम आश्रमाला भेट देऊन तेथील अनाथ मुलांसाठी कडधान्ये, तांदुळ, टूथपेस्ट, तेल, बिस्किट, मिठाईचे वाटप केली.

आश्रमाचे आदरणीय श्री गिरिश प्रभुणे सर यांना त्यांच्या कार्याबद्दल भारत सरकारतर्फे पद्मश्री देऊन सन्मानित करण्यात आल. त्या बद्दल महाविद्यालयातर्फे त्यांची भेट घेतली.



जाणीव- गुरुकुल आश्रमाला भेट

२. आळंदी येथील अन्नपूर्णा आश्रमातील मुलांना पोहे, तांदुळ, टूथपेस्ट, तेल, ब्रश, मिठाई महाविद्यालयातर्फे देण्यात आली. दरवर्षी आश्रमाच्या मागणीनुसार महाविद्यालय वस्तूंचे वाटप करून सामाजिक जबाबदारी पार पाडते.

यासाठी महाविद्यालयातील सर्व प्राध्यापक, शिककेत्तर कर्मचारी व विद्यार्थ्यांचा पूर्ण सहभाग असतो. प्राचार्य डॉ संजय खरात यांच्या मार्गदर्शनाखाली हा उपक्रम दरवर्षी राबविला जातो.

डॉ. मंजुषा कुलकर्णी
जाणीव उपक्रम



अन्नपूर्णा आश्रम - महाविद्यालयातर्फे आळंदी येथील मुलांसाठी अन्नधान्याचे वाटप

Activity Report

ART CIRCLE

Arts Circle is the cultural platform of the college which is established for students to exhibit their skill and talent

related to Dance, Drama, singing, poetry.

Cultural activities conducted in academic year 2020-21

Sr.	Name of the activity	Outcomes
1	Students had participated in Symbiosis Karandak Intercollegiate drama competition.	Students have learned how to manage the team activity and how to direct the scripts.
2	Because of pandemic situation online platform was used to identify the students skills in performing and other Arts forms. Google form was created where students had given their basic information and uploaded the dance, singing ,drama/monoact videos , scripts written by them etc.	We have got good response for the Google form and small introductory training sessions were organized by the members of the Arts circle for new students .

Prof. Prasad G. Deshmane
Co-ordinator - Arts Circle

MODERNITES ALUMNI ASSOCIATION



Modernites is a registered alumni association of P.E. Society's Modern College of Arts, Science and Commerce Ganeshkhind Pune. It aims at enhancing employability and entrepreneurial skills amongst youth by collaborating with the college for various events so as to bridge the gap between academia and corporate. In the academic year 2020-21 it has following contributions at its credit.

A.ENDOWMENT SCHOLARSHIPS

Alumni of various faculties have supported to the deserving students by way of scholarships and awards. The applicant students have to appear for the interview taken for the entire proposed alumni funded scholarships. Vice president Mr.Kiran Desai, Mr. Alumnus Megharaj Barbole assistant lecturer of JSPM college, Dr. Jyashree Kharche and Coordinator of Alumni Funded Scholarship Prof. Mrs. Mrunal Pardeshi were the members of the interview panel and conducted the interview of the applicant students and selected deserving candidates. The following scholarships were distributed to the selected students.

Following are the details of Alumni Funded Scholarship in the academic year 2020-21

Alumni Funded Scholarships

Rani Laxmibai Scholarship: Rs.9,000/Only		
Sr. No	Name of Student	Class
1	Sonal Dere	S.Y. B.Voc (Food Processing Technology)
2	Sonali Dudhbhate	S.Y. B.Voc (Food Processing Technology)
3	Neha Nalawade	M.Sc. (Computer Science)
Atal Scholarship:15,000/only		
1	Umesh Choudahry	B.Com
2	Bijoy Chmakha	B.A
3	Bhushan Patil	B.com
4	Niranjan Chikhare	B.Com



5	Sachin Kalmakar	S.Y. B.Voc (Food Processing Technology)
Tapkir Scholarship: Rs.10,000/only		
1	Sangram Kadam	B.com
2	Shivani Shetkar	B.Com
3	Menittha Thomas	B.Com
Gollapudy I: Rs.1,750		
1.	Akshay Vaidya	B.Com
Nisal Scholarship: Rs.3,000/only		
1.	Mangesh Kamble	B.Com
Chaughule Scholarship: Rs. 10,000/only		
1	Rohit Jagdale	S.Y. B.Voc (Food Processing Technology)
2	Renuka Kholi	M.Com
3	Prajakta Kumbhar	B.Com
Manish Konde-Single Parent Scholarship: Rs. 5,000/only		
1.	Vaidehi Pathak	Biotechnology (UG)
Shekhar Chapekar- Physically challenged Scholarship:Rs. 5,000/only		
1.	Arpita Wanaware	B.Com
Prerana Puraskar: Rs.3212/only		
1	Nishan Roy	SYBA
2	Rajesh Pungati	SYBA
Total		Rs. 61, 962

B. Celebration of Online Independence Day

15th August was never celebrated before like this year. 274 audiences witnessed this historic online celebration of Independence Day on the theme 'Salute to Soldier: Be like a Warrior Citizen'. We were very fortunate to have Lt. Col. Omkar Kulkarni as our Chief Guest. The program was co-ordinated by Vijayalaxmi Kulkarni. In the addressing speech Honorable Principal Dr. Sanjay Kharat sir focused on the world wide changed situation and the difficulties faced by academic institution. He also spoke about the changed life style of people specially students. He guided students about how to handle this situation.

Chief Guest Lt. Col. Omkar Kulkarni shared his very interesting, challenging and motivating work experiences with the audience. In his speech he rightly said that all of us should behave like a soldier in our own field. We have to be self-disciplined, punctual and courageous in our work. This wonderful program was witnessed by students, teachers and alumni of the college.

C. Support Skill development Course

FBF of faculty of commerce had designed and implemented Skill development course in operational banking in consultation with alumni bankers. Mr. Rohan Medhekar Vice President Axis Bank, Mr. Abhijeet Joshi Branch head Axis bank, Mr. Abhijeet Desai Recovery Head of HDFC Bank ltd, Mrs. Sampada Purandare Deputy Manager from SBI Local head office Mumbai, Mr. Abhishek Sengupta Branch Manager Karur Vaishya Bank Durgapur had interacted with our students. 100 students had participated in the program

D. Salute to Corona warrior bankers program was arranged by FBF of faculty of commerce

Mr. Abhijeet Desai alumni Banker from one reputed private sector bank, Mr. Vaibhav Bhate alumni Banker from ICICI Bank and Mr. Rohan Medhekar alumni Banker and assistant vice president of Axis bank from France, Mrs. Sampada Purandare alumni Banker deputy manager of SBI head office **Mr. Vivek Kamble** Officer at PNB interacted with the students on Era on Modern Revolutionary Banking Survived during Pandemic.

E. Participation in the activities of Sports Department

1. Kiran Borate participated in Lonavala Cycling Ride.
2. Sanjay Parkhi, participated in the 1000 KM Cycling Challenge
3. Nogen Rajwanshi Participated in the Mangalgad Fort, Wai Trek.

F. Invited as guests or resource persons or Judge

1. Hemant Raghunauth (Erasmus Mundus Fellow), Shaantanu Kulkarni (Sports Psychologist) and Sqn Leader Vaishnavi Tokekar (Air Force Officer) were Resource Persons at an online session on Careers in Psychology on 6 March 2021, Organized by Psychology department
2. Deepali Kshirsagar and Archana Pawar were special guests for online sessions of Disha-Peer Support and Speak Out group and addressed the students on 14 August 20 and 1 October 2020, respectively, Organized by Psychology department
3. Keshav Hasgule Sub-Inspector, delivered a lecture on the topic, 'Preparation for Competitive Examination' on 23rd October, 2020. 70 students attended the online event organized by History Department
4. The various lectures by Microbiology Department were organized were
 - i. Welcome to the world of IVF', by Ms. Sayali Palnitkar, Senior Embryologist, Cloudnine Group of Hospitals, on 20th February, 2021.
 - ii. 'Current Opportunities in Life Sciences', by Mr. Gaurav Gunjal on 26th February, 2021.
 - iii. Mr. Mihir Thatte, Vaintey Chem Products Limited conducted lectures for the extra credit course (1 credit: 10 hours) on : Soil Dynamics: Physicochemical and Microbial, in Feb. 2021.
 - iv. Mrs. Pranitha Pandit, Ph.D student, Agharkar Research Institute, Pune conducted lectures for the extra credit course (1 credit: 10 hours) on: Soil Dynamics: Physicochemical and Microbial, in Feb. 2021.
 - v. Ms Priya Vaswani, The Wishing Factory (an NGO): 'Thalassemia, its prevention and blood donation', on 1.05.21 for UG and PG students.
 - vi. Dr. Priyanka Devi-Marulkar, International Medical Affairs, Assistant Manager, Department of Medical Affairs, Servier, Suresnes, France, spoke during the International webinar on 'Evolving Molecular techniques in Immunology', on 9.02.2021.
5. Ameya Nisal Manager Special Project Capgemini was invited as Chief Guest in MAGNIT 21 (A Virtual intercollegiate Event) For Inauguration Function organized by BBA-CA.
6. Mr. Mayuresh Prabhune was invited as Guest Speaker for online Inaugural Function of Astronomy Club- The Astrophiles on 01/08/2021 by the department of Physics.
7. The department of Chemistry had organized the lectures of the following Alumni..
 - i. Alumnus Dr. Shekhar Shinde CNRS, University of Bordeaux, FRANCE interacted on 'How to apply for post doctoral research abroad on 18/01/21 and 104 students had attended
 - ii. Alumnus Ankita Mishra Research Associate, GVK Biosciences, Bangalore, India interacted on 'Work environment in industries and how to face interviews' on 18th Jan 21 and 104 students had attended.
 - iii. Alumnus Amardeep Jadhao Assistant Professor Late Pushpadevi Patil Arts and Science College, Risod, Maharashtra interacted on 'How to prepare for competitive exams' on 19th Jan 21 and 90 students had attended.
 - iv. Alumnus Dr. Namita More National Chemical Laboratory, Pune had interacted on 'Ph.D. opportunities in India and abroad' on 19th Jan 21 and 90 students had attended.
 - v. Alumnus Dr. Aniket Hande Ph.D. fellow at France interacted on 'Doctoral fellowships, inks for fellowships, how to write a promising C.V., how to approach a guide, contact them. Sharpening skills. on 20th Jan 21 and 85 students had attended.
 - vi. Alumnus Dr. Dibyendu Mondal Ph.D from IOWA



University, USA and pursuing his post-doctoral studies at USA under the guidance of Nobel Laureate had interacted on 'How to appear for doctoral studies in the U.S.A' on 20th Jan 21 and 95 students had attended.

8. Faculty of commerce- Future Banker's Forum had invited the following alumni i. Mr. Rohan Medhekar Assistant Vice President, IT Investment Product Group, Axis Bank, Mumbai, as Chief Guest on the celebration of Banking Day on 11th Aug 20 and 200 students were present.

ii. Mr. Rahul Khatvkar interacted with the students on his own experiences of working with RBI for two years and discussed with the students about currency Management of India. **75 students were attended this program on 7th Oct 20**

G. Participation as advisory members in planning of department activities

Aditi Tare, Anish Yande, Shamita Patharkar and Abhishaaj Sajeer have been actively guiding students of our department and participating in the departmental activities. They have been a part of planning and implementation committees of the

events that has been organized by the English department.

They contribute in the following events:

Planning in designing and compiling articles of ODYSSEY – In House Journal of English Department

Actively give ideas for LITCARNATION: A LITERARY CARNIVAL

H. Alumni Meet

1. BBA-CA had organized alumni meet of 30 alumni.
2. The department of Chemistry had organized Alumni interaction on 18th Jan 21 to 22nd Jan 21 and 120 had attended the program.

I. Alumni Achievements

We are always proud of our bright alumni. Following

are some achievements of our alumni in their respective field.

Alumni of History Department

1. Alumnus of History department MA batch year 2016-17 to 2017-18 Jotiba Gidde qualified for the SET examination held in the year 2020.

Alumni of Psychology Department

2. Dr Sachin Shinde is completing his post-Doctoral work on a Fellowship at the prestigious T H Chan School of Public Health, Harvard University, USA. He has started and registered a Not-for-profit organization called Centre for Inquiry into Mental Health.
3. Hemant Raghunauth has completed his MSc in Social Work amongst families with the prestigious International Erasmus Mundus Fellowship.
4. Ananya Sankarambadi has been selected for an MS in Cognitive Sciences with a full scholarship at University of Lille, France.

Alumni of English Department

1. Shamita Patharkar of the 2019 batch works as freelance content writer
has secured a place at Swansea University, Wales, U.K to pursue her Post graduation in Creative Writing, MA for the month and year September 2021-2022.

Alumni of BBA-CA Department

1. Mr. Machindra Kirkat started his own small scale company "MatrixHub Technology". In this year he launched his company in Japan also.

Vijayalaxmi Kulkarni

Secretary
Modernites-Alumni Association

Mr. Kiran Desai

Vice President
Modernites-Alumni Association



THE BEST STUDENT TROPHY COMPETITION

A prestigious competition of the college, 'Pride of Modern'- The Best Student Trophy is awarded to a student who is academically sound and has made remarkable contribution in sports, cultural and co-curricular activities. He must also be soft spoken, polite, well-behaved, responsible and an asset to his/her alma-mater.

Instituted in the year 1999, the award comprises of a Rolling trophy, a memento, a certificate and cash prize of Rs. 1000/-.

The selection procedure for the Best Student involves scrutiny of his credentials by an in-house committee comprising of the Vice-principals and faculty members. This is followed by a Mental Ability Test and Preliminary Interview. The shortlisted students are then interviewed by the Principal of the college and a panel of experts. The panel includes experts from the college management and an external expert. The Best Student is finally chosen based on his/her communication skills, presence of mind, general

awareness and his/her firm conviction and dedication towards work and life.

This year, the judges for the final interview were Mr. Sachin Patil, Deputy Chief Executive Officer, Govt. of Maharashtra, Prof. Suresh Todkar and Dr. Prakash Dixit, Joint Secretary and Deputy Secretary of Progressive Education Society, Pune, Dr. Sanjay Kharat, Principal of Modern College, Ganeshkhind. The panelists praised the efforts taken by the college and the students for their active participation in the competition.

The recipient of Pride of Modern title for the academic year 2020-21 was Ms. Kotwal Taneeshi from TYBSc Zoology.

Ms. Parimal Gangurde of TYBA, History was chosen for a Special Appreciation Award for her achievements and performance in the competition.

Dr. Shampa Chakravarthi

Chairperson, Best Student Trophy Committee

BOARD OF STUDENTS DEVELOPMENT

Following schemes for the development of the students in our college under Board of Students Development, S.P. Pune University, were implemented during the academic year 2020-21.

1. Karmaveer Bhaurao Patil Earn and Learn Scheme

2. Nirbhay Kanya Abhiyan

3. Modern Plant Nursery

4. Vidyarthini Munch

Prof. Sandeep Sanap

Co-ordinator



COUNSELING CELL

The Counseling Cell has been operational for 28 years. It offers a range of services like Individual One on One Psychological Counseling, conducting Study Skills and Life Skills, workshops, conducting sessions on vocational guidance and premarital education. These activities are conducted by the Department of Psychology. This year, due to the pandemic, all these activities were conducted online.

The details about this year's functioning are as follows:

SERVICES:

One on One Psychological Counselling: 60 students benefitted from the online counselling across several sessions.

Dr Sadhana Natu also volunteered with 2 online therapy groups for COVID related counselling from April 2020 until July 2020. She also prepared a video on mental health self-care which was used by police officials in Sindhudurg district.

Vocational Guidance Session: Dr. Sadhana Natu conducted sessions on Careers

after BA and Careers after MA Psychology. 55 students attended the sessions.

Session For Staff: 7 July 2020 A session titled 'Mental Health Care and Decoding Student's mental health against the backdrop of COVID 19' was conducted for



Session on 'Importance on Mental Health' with peons conducted by Department of Psychology

staff by Dr Sadhana Natu.

AWARENESS ACTIVITIES:

World Suicide Prevention Day- 10th September was commemorated in a unique way with students making E Posters on the theme 'Suicide is Preventable'. A representative from Connecting NGO spoke about raising the Awareness on Suicide Prevention. **World Mental Health Day-** 10th October, A Google form was sent out to students to fill out their queries and concerns regarding Mental Health. Dr Sadhana Natu addressed those concerns and the queries on Google Meet.

Outreach: On 21st January, 2021 staff members of Department of Psychology conducted a workshop with 40 Peons of the college on the importance of Mental Health

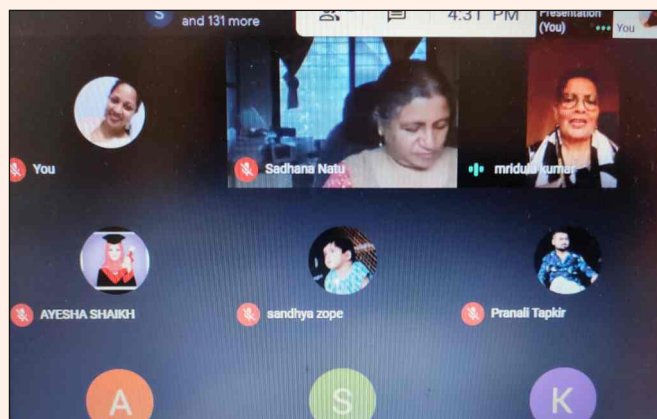
Dr Sadhana Natu was assisted by Mrs. Sandhya Zope in online-counselling.

GENDER CHAMPIONS CLUB

Savitribai Phule Jayanti 4th Jan 2021- Remembering Savitribai Phule: Tracing meanings and mis meanings of Feminisms.

Masculinities and Mardangi in Asia- Five Students participated in a Focused Group Discussion conducted by Asia Foundation and Men Against Violence and Abuse on 16th March 2021.

Dr. Sadhana Natu
Co-ordinator Counseling Cell



10th September, 2020, World Suicide Prevention Day was commemorated by inviting representative from Connecting NGO who spoke about Prevention of Suicide.

INTERNATIONAL STUDENTS CELL

The college hosts a number of foreign students from African and Asian countries. We specially organize events to welcome the international student community. The college conducts a variety of programmes to help these international students to gel with the local student population and thus, tries to facilitate their assimilation. For the academic year 2020-21, 16 students from 8 Countries are studying in the college. Students interacted

with the college authorities and among themselves through a whatsapp group and email. Queries regarding Choice Based Credit System and concerns regarding corona virus situation were discussed. Tried to provided help through social media and direct communication on exam and university related updates.

Dr. Gauri Kopardekar
Co-ordinator, International Students' Cell

INDIAN RED CROSS

1. Our College in association with Indian Red Cross Society, Pune, on the occasion of **World Blind Day**, organized a webinar on “**My Family, My Responsibility**” on **Thursday, 15/10/2020** from 4 to 6 p.m. About 73 students including professors participated. The program began with Indian Red Cross prayer song by the students of SYBA: Payal Chandere, Vrushali Suravshe, Pallavi, Nisha Bedse, and Mauni Sonwane.

Coordinator Dr. Abaso Shinde gave the welcome speech and Principal Dr. Sanjay Kharat, Modern College, Ganeshkhind, Pune spoke on how the youth should use their education for the needs of the society. Everyone should cultivate social commitment.

Resource person, Dr. Dilip Pardeshi, Honorary Secretary, Junior / Youth Red Cross, Pune said that everyone should take care of their family on their own.

To make the program a success, Principal Dr. Sanjay Kharat, Vice-Principal, Arts Dr. Gagangras, Principal Dr. R. V. Kulkarni, Honorary Secretary, Indian Red Cross Society, Pune, Shri Rajkumar Shah, Joint Secretary, Indian Red Cross Society, Pune, Shri Satish Chandra Kankaria, President Disaster Management, Indian Red Cross Society, Pune and Shri Deepak Shah provided guidance.

Students Ms. Kalyani Bhojar and Mr. Sahil Mhaske anchored the program.

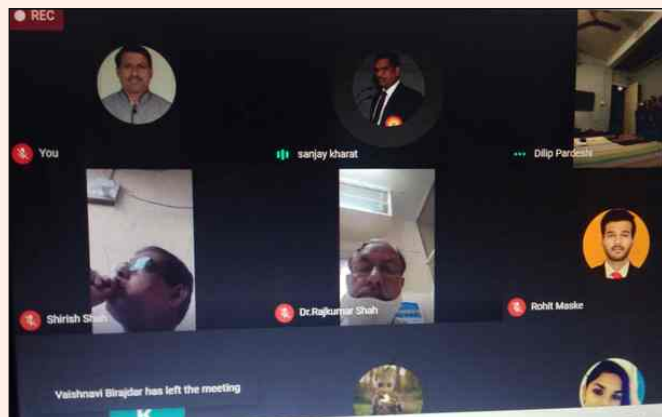
2. Modern College, Ganeshkhind, Pune, Department of Economics and Indian Red Cross Society, Pune jointly organized a webinar on **World Environment Day** on **Saturday, 5th June 2021** from 3 to 4:30 pm. There were around 101 participants including students, professors and environmentalists. Resource person Principal Dr. Sanjay Kharat said that if the *Panchasutri* is adopted by giving information on the current state of the global environment, biodiversity in the environment and conservation of various ecosystems, human life will become easier and everyone's life will be happier.

On this occasion, Principal R. V. Dr. Kulkarni Honorary Secretary, Indian Red Cross Society, Pune, Shri Rajkumar Shah expressed their views and Shri Satish Chandra Kankaria administered the oath of office to all the participants. Program Coordinator Dr. Abaso Shinde introduced the guests and was anchored by Mr. Avinash Murumkar and Ms. Shaila Kumbhar and vote of thanks was given by Ms. Bharti Kamble.

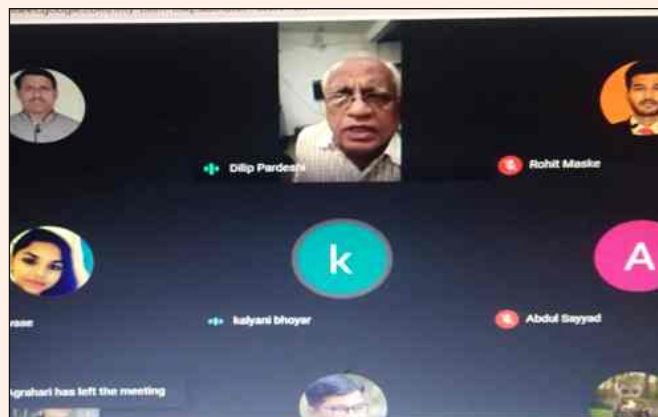
Eleven students from the Department of Economics expressed their feelings through songs and poetry on the environment.

E-Certificates were given to students once they submitted the feedback form for both the programs.

Dr. Abaso Shinde
Program Co-ordinator



Principal Dr. Dr. Sanjay Kharat, while guiding on the occasion of World Environment Day on 6th June 2021 and Rajkumar Shah, Joint Secretary, Indian Red Cross Society, Pune.



Dr. Dilip Pardeshi, Honorary Secretary Junior / Youth Red Cross, Pune speaking during the webinar on My family on My responsibilities on 15/10/2020



LIFE-LONG LEARNING AND EXTENSION

1. A webinar was organized on “My Family My Responsibility” in association with Department of Lifelong Learning and Extension, Savitribai Phule Pune University, Pune on Wednesday, 14/10/2020 from 4 to 6pm. Dr. Abaso Shinde, Program Coordinator gave the welcome speech.

Principal Dr. Sanjay Kharat, Modern College, Ganeshkhind, Pune expressed his opinion on Covid-19 situation in the country.

Dr. Dhananjay Lokhande, Director and Head of Department, Department of Lifelong Learning and Extension, Savitribai Phule Pune University, Pune, talked on “how I can keep my family safe”. There are a lot of misconceptions about Covid-19 in the society. For this, the advice given by experts should be adopted and followed. Dr. Satish Shirsath, Department of Lifelong Learning and Extension, Savitribai Phule Pune University, Pune also guided the students.

Resource person Dr. H. A. Bodde Family Physician, Hadapsar, Pune, expressed the view that Covid-19 has a continuous access to the human body and it can be taken care of by the use of a mask, cleaning hands every two hours, and keeping a safe distance.

Online Feedback was taken and E-Certificates were given. The program was anchored by Ms. Shraddha Jadhav and Mr. Dhanram Wadje and vote of thanks was given by Ms. Swati Devkate.

2. A program was organized on Dr. Ambedkar Mahaparinirvan Diwas on 6/12/2020.

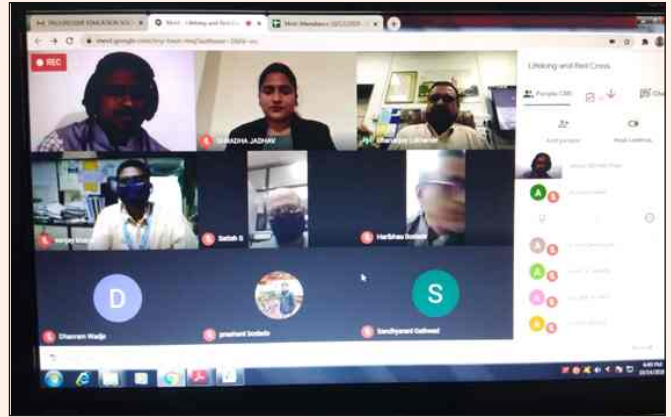
There were about 101 participants including teaching and non-teaching staff. Principal Dr. Sanjay Kharat gave the welcome address. Dr. Dhananjay Lokhande, Director and Head of Department, Department of Lifelong Learning and Extension, Savitribai Phule Pune University, Pune was the chief guest. He emphasised on the views of Dr. Ambedkar, about being educated and remain united for the human rights.

Dr. Jyoti Gangangras, Vice-Principal, Arts, was the anchor for the program. Principal Dr. Sanjay Kharat, Prof. Swati Kandharkar, Vice-Principal, Science and Dr. Shubhangi Joshi, Vice-Principal, Commerce gave their full support and guidance for conducting the program.

Dr. Abaso Shinde
Program Co-ordinator



Dr. Dhananjay Lokhande, Director and Head of Department, Department of Lifelong Learning and Extension, Savitribai Phule Pune University, speaking on the occasion of Dr. Ambedkar Mahaparinirvan Diwas on 6/12/2020.



Resource person Dr. H. A. Bodde Family Physician, Hadapsar, Dr. Sanjay Kharat, Principal and Dr. Dhananjay Lokhande, Director and Head of Department, Department of Lifelong Learning and Extension, Savitribai Phule Pune University, Pune during webinar organized on "My Family My Responsibility" 14/10/2020.

NCC

National Cadet Corps is a Tri-Services Organization comprising the Army, Navy and Air Force, engaged in grooming the youth – "The Leaders of Tomorrow" – into disciplined and patriotic citizens.

Aims and Objectives:

National Cadet Corps is a novel initiative undertaken by the college which aims at inculcating the significance of discipline, patriotism and core values in the young students of our college.

Presently there are 10 students in the college who have sought admission to NCC.

All these students have to participate in weekly parades taken at NCC Head Quarters and at NDA. In

these weekly parades the NCC cadets have to undergo different types of activities like exercises, drills, physical training as well as they have some lectures on discipline and how to perform better in NCC.

Many of these NCC cadets have attended ATC camps held at different places across India. Some of them attended a camp held at Kanhe Phata in October to December 2018. The cadets participate in a variety of activities in such camps and get a lot to learn from these camps. They participate in competitions, debates and many other activities apart from regular parades and physical training. In a way NCC camps prove very useful to these cadets in the overall process of their personality development.

Prof. Sandeep Sanap
Co-ordinator

NSS

NSS department started its activities with tree plantation. During this pandemic students planted tree with the precautions of COVID 19. They planted desi trees at their places.

Students help society in this pandemic by providing Groceries bags in the society. Bags contained rice, wheat, sugar, besan, dal, tea, detergent soaps, bathing soap cooking oil etc. They served it in different areas where they resides.

Students did family survey with proper structured



questionnaire. They collected information regarding no of family members, occupation, income source, need of any help. They collected information. They helped them accordingly . Some students work in the filed by distributing kits , food packets, and medicine.

A Sanitization programme was held for College. A kit of hand gloves, sanitizer, shields were provided. Sanitization bottle was arranged with stand at the gate and on the each floor of the college.

Students Provided mask to needy in the duration of pandemic.

Students participated in Sachha Sarveshan 2020 organized by Pune Municipal Corporation. They participated in poem, Painting, Essay writing, Short films.

Dakshata Jagruti Saptah were celebrated in the college. Student took integrity pledge . A lecture was arranged on anti corruption. Adv. Shreya Kulkarni

informed students about corruption and she explained who to avoid it. One more lecture is arrange under the Vigilance Awareness. DYSP Seema Mehedale madam was the speaker, spoke on the incidence of corruption occurs and what are the legal consequences of the corruption.

Students donated blood under the Blood Donation Camp arranged by Modern College and Ekbote Hospital.

All these programmes were held under the guidance of Principal Sir and Vice Principal of the college.

Prof. Kumod Sakpal
 Programme Officer

Prof. Manjusha Kulkarni
 NSS Programme Officer.

Prof. Govind Kamble
 Assit. Programme Officer.



NSS Blood donation



Family survey



Grocery kit



Kit distribution

PUBLICITY

Modern College of Ganeshkhind is considered one of the best college

Press Release of college programmes were done as a regular activity to put college in limelight in print and electronic media.

Education supplement of P.E. Society was coordinated with media and published at the June. Four institutions are covered and highlighted in the four page supplement. The coverage was given wide publicity. Collective information of all Colleges and courses provided by the colleges mention in the Supplement. Students can get all kind of information about P.E. Society in one go.

Earn and learn Scheme of SAKAL media is organized for students. The Scheme "3KM" (online Platform) Sponsored by SAKAL Media Group. 184 students had

applied for the earn and learn scheme sponsored by SAKAL media out of 19 students are selected. This Programme help students to understand how to use digital platform for business. The Scheme help students financially in COVID 19.

To bring social and constitutional awareness in the students Sanvidhan Din is celebrated in YIN SAKAL office. College Staff and students of Publicity Group were attended the function. Student took pledge.

With the association of SAKAL YIN Group arrange a Women's Day Celebration. In the pandemic situation a lecture was arranges on 'Mind Matters : Where Health Meets Happiness. YOU TUBE live programme arranges to know stress busters which can relax mind

Staff members and Students learn how to deal with stress and be calm. More than 1000 viewers attended programme.

Dr. Manjusha Kulkarni
Publicity Group

महिला सशक्तीकरणावर 'मॉडर्न' मध्ये मार्गदर्शन

औद्य, ता. ५ : गणेशखिंड येथील पीई सोसायटीच्या मॉडर्न कला, शास्त्र व वाणिज्य महाविद्यालयात इनरव्हील क्लब ऑफ पुणे इंफिरियल यांच्या सहयोगाने 'लिंग संवेदना आणि महिला सशक्तीकरण' याविषयी ऑनलाइन मार्गदर्शनाचा कार्यक्रम घेण्यात आला.

एव्हरेस्टवर यशस्वीरीत्या चढाई करणाऱ्या राज्यातील पहिल्या महिला अपर्णा प्रभुदेसाई या प्रमुख पाहुण्यांसह प्राचार्य डॉ. संजय खरात, डॉ. प्रकाश दीक्षित, प्रा. सुरेश तोडकर, इनरव्हीलच्या माजी अध्यक्षा शोभा श्रीकांत, इनरव्हीलचे पदाधिकारी,

शिक्षक, विद्यार्थी उपस्थित होते. प्रभुदेसाई म्हणाल्या, "विविधतेत एकता व एकतेत विविधता असलेल्या आपल्या देशात एखाद्या स्त्रीला स्वतःचे ध्येय साधणे अशक्य नाही. प्रत्येक व्यक्ती भिन्न असते, स्वतःची ओळख स्वतःच निर्माण करावी लागते. आयुष्यात कधीही न थांबता कष्ट केले, तर यशाला गवसणी घालता येते."

कार्यक्रमाच्या समन्वयक डॉ. ज्योती गगनग्रास यांनी प्रारंभिक केले, सूत्रसंचालन डॉ. निवेदिता दास यांनी, तर भाग्यश्री शास्त्री यांनी उपस्थितांचे आभार मानले.

Education Supplement



Yin Sakal Media

PLACEMENT CELL

Sr. No.	Name of students	AADHAR	Name of Employer and contact details	Package
1	Sabale Pankaj Navnath	568217181667	Virtue Infotek, Pune	1.2
2	Chauhan Yogesh Ramkunwar	422053504542	Omvsab It Solution	1.8
3	Nevashe Shruti Ramdas	321535558540	NAF foundation	1.2



4	Bhagwat Shruti Chetan	610831267088	Rikaian Technology pvt Ltd.	2.6
5	Gunjal Aarti Vitthal	669980173867	MELBARR ITES PRIVATE LIMITED	2.8
6	Poojashree Hiralal Yadav	880645491599	Enovate IT Outsourcing Pvt Ltd	2.6
7	Akshata Anil Yadav	505048006412	Dnyano Solutions	1.8
9	Gaikwad Tejas Satyawan	625003637660		
10	Bahirat Pooja Dashrath	441358745529	Logicon Technosolutions Pvt. Ltd.	1.2
11	Ankita Vikas Patil	603449688502	Infosys Limited	3.4
12	Abhijeet Prakash Jadhav		India Tech Soft	1.2
13	Shweta Sujeet Pingale	697144581019	Cognizant Technology Solutions	3.2
14	Tushar Shahaji Jadhav	838586724818	TCS	2.8
15	Omkar Ganpat Nilakh		ERAI TECHNOLOGIES PVT.LTD	1.2
16	Sumit Suresh Lonkar	268652281562	Atidiv (India) Private Limited	1.5
17	Omkar Dhanraj Udase	810495132650	Atidiv (India) Private Limited	1.5
18	Snehal Deepak Wagh	399071385199	Omv sab It Solution	1.2
19	Salil Mahamad Shaikh	523495875299	Atidiv (India) Private limited.	1.5
20	Madhuri Shivaji Shinde	416009924859	Omv sab It Solution	1.2
21	Sandesh Anil dhokale	211278949882	India tech soft	1.5
22	Snehal Sunil shete	971109314331	Omv sab it solution	1.2
23	Rutuja Dinkar Thorat	634288939050	Omv sab It Solution	1.2
24	Rajashree Dattatray Kadam	652285180603	Omv sab It Solution	1.2
25	Priyanka Nandkishor Jadhav	868966607326	Omv sab It Solution	1.2
26	Mayur Prakash Wagh	537091667856	Binary Bridge Technologies PVT.LTD.	1.8
27	kshitiya sunil gunjal	940653688755	Birdvision Consulting Private Limited	1.5
28	Vijeta Shashikant Karad	212822116634	Aayansh Germinate Pvt.Ltd.	2.4
29	Gayatri Ramdas Datar	446659485074	Aayansh Germinate Pvt.Ltd.	2.4
30	Madhuri Madhukar Kedari	988231435224	Omv sab IT solution	1.2
31	Monali Ashok Gaikwad	639747638677	Omv sab IT solution	1.2
32	Pratiksha Sunil Bhalerao	493604067154	Accenture pvt.Ltd	3.5
33	Ashlesha Tukaram Mali	480779815736	Omv sab IT solution	1.2



34	Damini Anil Desale	526277994986	Omv sab IT solution	1.2
35	Sarika Basavraj Nadgeri	844332050727	GTL Software Pvt.Ltd	1.5
36	Sampada Hanamant Dangare	522267159725	SG SOLUTIONS	1.2
37	Shivani Ramesh Satpute	213592933386	SocialChamps	1.5
38	Kakade Dinesh Haribhau	517732272531	kdn IT solutions	1.8
39	Siddhant Sanjay Sonawane	381866645498	Atidiv (India) Private Limited	1.5
40	Vanshika Srivastava	647658405554	Andapp digital	1.2

Msc CA II 2020-21

Sr. No.	Name of students	AADHAR	Name of Employer and contact details	Package
1	Santosh Shinde	561272017761	GTL Software Pvt Ltd	1.2
2	Mahima sonawane	418920812171	Tata Consultancy services	3.6
3	Chandan Shinde	357572102213	Tata Consultancy Services Ltd	3.6
4	Priyanka Salunke	502813217060	Tata Consultancy Services Ltd	3.6
5	Rahul Arote	817897445047	Dr. D. Y. Vidyapeeth Pune	1.8
6	Saurav Ghadage	446990418514	Angelsoft Technology Pvt. Ltd	1.8

Dr. Satish S. Ambike
Co-ordinator

PRIZE DISTRIBUTION

The lockdown due to COVID19 pandemic made the annual prize distribution an online activity considering safety for all. The data of all academic rankers of the academic year 2019-20 was gathered in online mode. Then the digitally signed e-

certificates were emailed to all the academic achievers. The amount of endowment prizes of Rs 16000/- was distributed to the winners by transferring it to their bank accounts by e-transactions.

Dr. Madhuri Kulkarni
Coordinator

SCIENCE ASSOCIATION

Purpose: Science Association is established to develop students' interest in science, to facilitate understanding of science through different activities, to give exposure to advancements in science, to inculcate research and scientific aptitude among the

students. Encourage learning by doing attitude and develop interdisciplinary approach.

Formation of Science Association for this academic year is as below .

Chairperson: Mrs. Vaishali Salunke, Electronic Sc.

Members: Mrs. Ketaki Sarwate, Chemistry



Dr. Prachi Kshirsagar, Botany

Mr. Niket Tajane, Computer Sc.

Mrs. Bhagyashree Sarwade, B.Voc.

Activities of the association: Manthan debate competition and Quiz were arranged on the occasion of celebration of National Youth day on 12th January 2021 at a college level, “Anubhuti”, **National level online science Poster and Quiz competition** was organised on the occasion of National Science Day organised on 2nd May 2021. News on new researches/Indian scientist and information about the various science competitions were posted in **Science Corner** formed on Moodle, college LMS system.

1. National Youth Day celebration

Manthan Debate competition was organised with the purpose to create thirst for reading publications on advanced technologies and research, promote logical and analytical thinking and develop skills of Effective communication. Fourteen students presented their views on the topic of “ **Pros and cons of advanced or upcoming technologies in the field of science like Artificial intelligence, Gene editing, Canned food and beverages etc. of student's interest**” using G-meet platform. Dr. Shubhangi Bhatambrekar, Head of the Computer Sc. Department and Mrs. Mrinal Pardeshi head of the B.Voc department judged the competition.

Quiz Competition: Baseline questioner upto 12th science class syllabus was framed by the committee members to increase depth of learning at conceptual level and application of science laws with **theme “Who, What and How”**. Twenty Six students from F.Y . Gen., Comp. and Biotech have participated in the event.

E-certificates were distributed to participants and winners of the both competitions.

2. Anubhuti: National level Online Science Competitions

Science Exhibition “Anubhuti”, Project and Poster

competition is the most awaited activity conducted by the Science Association where students are given an opportunity to experiment, build and realise their innovative ideas. The purpose of science exhibition “Anubhuti” is to make students aware about recent field of research and upcoming technologies, to encourage their innovative ideas, to improve presentation skills of the students and to promote interdisciplinary activities.

This year the activity was held online due to COVID-19 pandemic situation. It was organised on 2nd March 2021 as celebration of National Science Day. The activity was supported under DBT STAR college scheme. Online Science quiz using Google forms and E-poster competition using Google Meet were the two competitions organised under this activity. **Dr. Ullhas Kharul, chief scientist** of Polymer Science and Engineering division of **CSIR-National Chemical Laboratory, Pune** and Director, Genrich Membranes company was the chief guest for the inaugural function of the event. In total **126** number of students and faculty members enjoyed the talk on “**Need of multidisciplinary approach in science education for research and innovations**”. In simple language he not only explored the various applications of membranes and the innovative products developed at National Chemical Laboratory but also guided about the procedure of product development through technology transfer and put emphasis on need of efforts from multi disciplines for the innovations. He also appreciated the various activities of the association and explained their importance in development of science student for global competency.

Fundamental and general science knowledge was tested through **online Quiz**. Total **seventy one** students from **sixteen different colleges of nine universities** had participated in Online science Quiz.

E-poster competition was organised to create Online platform to exchange innovative scientific ideas with peers from other colleges and universities. **Role of Science and Technology in world crisis**

situation and Solutions for sustainable development were the topics given for presentations. **Thirty four** students from **twenty different colleges of nine universities** presented on the given topics. Dr. Rani Bhagat, Department of Botany, B.R.Gholap college, Sangavi, Pune and Mr. Deepak Kumbhar, In-charge of B.C.A. department of the college evaluated the posters.

One hundred and thirty five under graduate and post graduate students from twenty four colleges of twelve universities from all over India are benefitted from the event.

Dr. Prachi Khirsagar from Dept. of Botany prepared the information brochure to publicize the activity. Mrs. Ketaki Sarwate, Asst. Prof. from Department of Chemistry looked after the online registration while Mr. Niket Tajane, Asst. Prof. from department of Computer Sc. prepared and distributed the E-certificates online. Online quiz preparation and execution was taken care by Mrs. Bhgyashree Sarwade, asst. prof, Department of B. Voc. Food Technology and Mr. Niket Tajane while poster competition was conducted by Mrs. Ketaki Sarwate and Dr. Prachi Khirsagar. Overall coordination was done by Mrs. Vaishali Salunke, Asst. Prof. from Department of Electronics.

Vice Principal of the Science Faculty Mrs. Varsha Joshi from department of Physics, supported us during the coordination of the activity. Prof. Parag Shaha, IQAC coordinator of the college helped us to publicize the event nationwide. Dr. Vinaykumar Malik helped to get sanction from STAR status funds of Department of Biotechnology, Govt. of India. Guidance and Support given by our Principal Dr. Sanjay S. Kharat accelerated the execution of the activity at higher level. In all it was successful scientific, academic event organised by the Science Association of the college to celebrate National Science Day!

STUDENT ACHIEVEMENTS:

1. National Youth Day Celebration at college level:

• Manthan' Online Debate Competetion :

- **Arikta Raheja of F. Y. Biotech**, won the 1st prize
 - Prathmesh Patil of F.Y. Comp. won the 2nd prize
 - Ayushi Gupta of S.Y. Biotech won the 3rd prize.
- **Online Quiz Competetion "Who, What and How":**
- **Aditya Jadhav of F. Y. Comp. Sc. and Mallika A. Kamble of F. Y. Gen** won first prize ,
- Prafull Golande and Aniket V. Dagade of F.Y.B.Voc. won second ,
- Vedanti S. Thorat of F.Y. Gen. and Anusha R. Iyar of F.Y.B. Voc won the third prize.

2. "Anubhuti" National level online Science competitions to celebrate National Science Day : Cash Prizes of 1000/- , 750/- and 500/- for first three winners of E- Poster Competition and of 750/-, 500/- for first two winners of the Quiz Competition were endorsed under DBT Star funds of the college .

• E- Poster presentation:

UNDER GRADUATE

1. Vaishnavi Bhosale (B.Voc.), Modern College, GK, Pune
2. Arikta Raheja and Sayali Butare (B.Sc. Biotech) , Modern College, GK, Pune
3. Surya Arul (B.Sc.Gen) , Vivekanand college of Arts and Science, Tamilnadu

POST GRADUATE

1. Sabhia Firdous (M.Sc. Zoo), Govt. Vidarbha Institute of Science and Humanities, Amravati
2. Saurabh Avchar, (M.Sc. Chem), Modern College, Ganeshkhind, Pune
3. Supriya Diwate, (M.Sc.), Modern College, Ganeshkhind, Pune

Online Quiz:

- Shalini Das from Justice Basheer Ahamed Sayeed college for women, Chennai, Tamil Nadu Won 1st prize



- Gajanan Sunil Patil from Indira College Of Commerce And Science, Tathawade, Pune won 2nd Prize
- 3. Project competition held by Research Institute of TIFR, Giant Magneto Radio Telescope (GMRT), Khodad : Mr. Saurabh Avachar, student of

M.Sc. Chemistry won the consolation prize among other engineering participants of group V (B.E., M.E., M.Sc.) at for his project on scientific toy "Modern Chemistry Box".

Mrs. Salunke Vaishali S.
Chairman, Science Association

STAFF ACADEMY

Staff Academy programmes for the year commenced with celebration of International Yoga Day on 21st June, 2020. Moodle Hands-on Training Webinar Series, total 125 Participants participated in the 20 hours of training. How to login to Moodle, give announcements (Notice), keep & manage private files at Moodle, Dashboard, how to edit topics, add and delete topics, take backup of course, create assignment, create quiz, and how it all looks at students end. Five Days Faculty Development Programme on Online Teaching and learning Methodology, on 25th June to 30th June 2020. Total 140 staff members were participated.

Six days Faculty Development Program on "e-Content Development for Online Teaching" Chairperson: Dr. Jyoti Gagangras (Vice Principal, Commerce): Madam described the benefits of online teaching. She guided everyone that COVID-19 should be considered as a reason for inculcating online teaching. Finally, madam wished good luck to all the tutors and participants for the FDP.

Back pain and spine related problems are very common during the present Covid times due to lockdown and work from home culture!! Hence, we are organizing a Webinar to learn about improving Spine health from Experts!! on 15 May 2021 Speaker are Dr Ashutosh Sabnis and Dr. Kashmira Sabnis, Consultant Spine Surgeon, Dinanath Mangeshkar Hospital, Poona Hospital, Joshi Hospital, Ratna Hospital. Live Demo of Exercises for Spine health by Dr. Kashmira Sabnis. In lockdown period college organized learning management system workshops, seminars, and hand on training, online teaching methods workshops,

To motivate teachers to participate in international national conferences, workshops, seminars and also promotes to researcher proposal writing. On 8th March 2018 was a celebration of "International Women's Day" organized webinar on "Power of Positivity" by Mrs. Gayatri Shariya.

Dr. Shakera A. Inamdar
Co-ordinator Staff Academy

SOFT SKILL DEVELOPMENT

Apart from necessary educational qualification, employers look for some skill sets while recruiting people. Feedback from many employers reveals that there is a shortage of skilled personnel. Many candidate possess limited or no skills. To overcome this situation, our college is running in-house programme to train final year students in soft skills so

that they can contribute to their companies soon after being placed.

Majority of the people don't know how to speak fluently in public or about etiquette. So skill and personality development training is a necessity for the youth. Students from vernacular medium schools come to our college for higher education and find it difficult to cope. These students have brilliant technical skills but are unable to communicate their

ideas. So, it is really important to bridge the gap between thoughts and practical work. Everyone needs to know how to speak better and present themselves on different occasions. Every year our college organizes soft skill workshops and training sessions on communication skills and etiquette.

This year two online Soft Skill Workshops were organized. Industrial Partner Mahindra Pride Classroom sponsored the workshop in association with NAANDI Foundation. A range of topics like communication skills, campus to corporate, stress management, out-of-the-box thinking, team building, leadership qualities, interview techniques and

personality development were covered during the workshop. Interactive sessions made the students realize that by being sharp and having clearly defined goals they can track their success easily. It also raised their self-confidence as they were able to recognize their ability and competence in achieving the goals set by themselves. Students believe that these skills will be useful during the placement period. 65 (35 Girls and 30 Boys) final year UG and PG students from Arts, Science and Commerce Faculty have successfully completed this workshop.

Prof. Parag Shah

Coordinator, Soft Skill Development Programme

SWARAMADHURI

Swaramadhuri, a State Level Interuniversity Competition of Classical Vocal Music and Natyasangeet was held in January 2021 in online mode. The competition is held in the memory of Founder of P.E.Society, Late Shri. Shankarrao Kanetkar. Fifteen students from different colleges participated in this year's competition. Mrs. Jayashree Ranade and Mr. Leeladhar Chakradeo worked as judge for Classical Vocal Competition while Mrs. Ashwini Gokhale and Mrs. Kavita Tikekar worked as Judge for Natyasangeet Competition.

Principal Dr. Sanjay Kharat, Vice Principals Dr. Jyoti Gaganras, Dr. Shubhangi Joshi and Mrs. Swati Kandharkar guided for conduct of competition from time to time.

The result for Classical Vocal Competition-

1st Prize- Vaikhari Ozarkar- Institute of Bioinformatics and Biotechnology, SPPU, Pune

2nd Prize- Aditi Keskar- Kaveri College of Arts, Science and Commerce, Pune

3rd Prize- Abhaysingh Chandrakant Waghchaure- Manghanmal Uddharam College of Commerce, Pimpri, Pune

Natyasangeet Competition:

1st prize- Kalyani Sadanand Chavare- College of Engineering, Pune

2nd prize-Vallari Devendra Rajurkar- Cummins College of Engineering, Pune

Mrs. Varsh Joshi, Head, Department of Physics worked as the coordinator for this competition. Prof. Prasad Deshmane, Ms. Prerana Suru, Dr. Uttara Oak, Ms. Gayatri Shrotriya, Ms. Sonal Kulkarni, Ms. Suvarna Masekar, Dr. Manjusha Kulkarni, Mr. Niket Tajane, Ms. Shradha Rahane, Ms. Sujata Deshmukh, Dr. Priyanka Bhamare, Ms. Ketaki Sarawate and Mr. Revati Nagarkar were the faces behind the successful event.

Mrs. Varsha Joshi

Coordinator

YUVA SHAPAH

With great joy and enthusiasm, we are happy and proud to present a detailed report about the joyous

celebration of Swami Vivekananda's birthday as National Youth Day (Youth Day) at Progressive Education Society's Modern College of Arts, Science and Commerce, Ganeshkhind 16.



Our college held various competitions under Yuva Saptah 2021. Dr. Dipali Meher was coordinator of Yuva Saptah 2021. The competition held for 3 days 7,8,9 Jan 2021. Before the pandemic we were thinking of being digital, now we are actually digital. This year due to the pandemic situation we have conducted all Yuva Saptah competitions on Digital mode. This digital mode helped us to keep all information at one place and in a timely manner. This year total **904 students** have participated in various competitions of Yuva Saptah. By using online registration Google form, we have accepted all entries of various competitions. All conversations with students were done using online mode. All notices, schedules, links for competitions, results of competitions were displayed on the college website from time to time. E-certificates were sent to all participants. All team members, under guidance of Principal Dr. Sanjay Kharat sir, have successfully conducted all competitions in Digital mode.

National Youth Day (Youth Day or Swami Vivekananda Birthday) is celebrated in India every year on 12th of January. This year 158th birth anniversary was celebrated. It has been celebrated consistently for the last 26 years in our college. On 12th January 2021 Dr. Dilip Seth (Ex-Principal S.P. College) delivered his speech in online mode about Swami Vivekananda's thinking for the nation. Principal sir Dr. Sanjay Kharat also shared his views on this occasion. Dr. Pallawi Bulakh and her team members coordinated this event. The competitions held on 6th January were Mehendi, Poetry Reading, Elocution.

In the Mehendi competition 63 students have participated. Prof. Anuradha Bhamidi and her team coordinated this competition. Participants are requested to join the competition on Google Meet link on scheduled time. Rules were explained to all participants. Then they were requested to submit the photo of mehendi drawn on their palm within a limited time duration. Team members of competitions have segregated the best designs and prepared the results.

Dr. Sanskruti Awangaonkar and her team coordinated the poetry competition. Participants are requested to join a competition link and present the poems on a given time schedule. Dr. Megha Deshpande worked as a judge for this competition. Total 75 students participated in this competition.

Dr. Savita Sabnis and her team coordinated for elocution competition. Participants are requested to join the link and present their views on various topics like online education Swami Vivekananda's views on women education, Online Education- A challenge, farmers-Are they really neglected?, The horrific reality of child abuse etc. Dr. Sadhana Natu and Prof. Ranjana Shevkar were judges for this competition.

Rangoli, Caption context, Psychology quiz competitions were held on 8th Jan 2021.

For Rangoli competition participants are requested to join google meet and put on their camera till their Rangoli drawing finishes. Then participants are requested to send a soft copy of their Rangoli through Google Form. Dr. Nilima Kulkarni and her team coordinated for this competition. Dr. Gauri Kopardekar worked as a judge for this competition. Total 39 students had participated in this competition.

Dr. Shampa Chakraborty and Dr. Dipanita Bhanja coordinated for the Caption Context. Total 72 students participated in this competition.

Psychology quiz- Mastermind competition was conducted through Google meet. Dr. Sadhana Natu and Prof. Nashome have coordinated this event. Total 104 students have participated in this event.

On 9th January, e-poster, Handwriting, Kaun Banega History Scholar, Writers Unboxed competitions were conducted. Prof. Suvarna Mahsekar and her team coordinated the e-poster competition. There are various subjects given for students to prepare posters like Corona Virus, Online education- Pros and Cons, Dimensions of women personality, Gender Gap in Professional Education etc. Google Meet participants

are requested to explain key ideas about their posters. Dr. Jyoti Gagangras and Prof. Manisha Bele worked as judges for this competition. Total 30 students have participated in this event.

Every year we receive tremendous response for the handwriting competition. This year also, we had a huge response for the handwriting competition. Prof. Shamal Deshmukh and her team coordinated for this event. Paragraphs for competition were displayed to the participants at the time of Google Meet. After sufficient time participants are requested to submit the soft copy(photos) in specific Google form. Prof. Rajashree Umrani had worked as a judge for this competition. Total 253 students were participated in three different modes i.e. Marathi, Hindi English in this competition.



Poster Competition- Yuva Saptah 2021

Kaun banega history scholar competition was held through Google Form in the form of Quiz. Dr. Minakshi Tiwari and her team coordinated for this competition. Total 137 students from various different colleges participated in this competition. All competitions were handled and coordinated from the computer science department. Prof. Amol Patil and Prof. Rutuja Mokashi have successfully carried out responsibility for online preparation, conduction, execution and e-certificate distribution of various competitions of Yuva Saptah 2021.

I am thankful to all Management authorities and Principal Dr . Sanjay Kharat sir for making all resources available for all competitions from time to time.

Dr. Dipali Meher
Co-ordinator



Mehendi Competition – Yuva Saptah2021

VIDYARTHINI MANCH

Modern College of Arts, Science and Commerce every year conducts a diversified program and takes initiative in women empowerment through the platform Vidyarthini Manch. Modern College of Arts, Science and Commerce has organized Virtual Program for girl students in the Academic year 2020-2021 in collaboration with Inner Wheel Club, Pune. The main objective of this program is to increase the awareness of health and hygiene amongst girls. This program was open to all girl students from various

colleges/ institutions. In this regard following session were conducted.

Events detail.

9th November 2020, 3:00 to 5:00 pm

1st Session: Menstrual Health and Hygiene (By Dr.Jyoti Aggarwal)

2nd Session: Importance of Nutrition in Health (By Mrs.Hemlata Dabholkar)

The First session was started by Dr.Jyoti Aggarwal (Reputed Gynecologist) in this session, she talked about menstrual health and hygiene ,PCOS/ PCOD



disease causes and what precautions girls have to take in their day today life. Importance of exercise and healthy diet routine was also discussed by the speaker. Many girls had participated with their personal queries and discussed their health issues with the speaker and received guidance from the Dr.Jyoti Aggarwal.

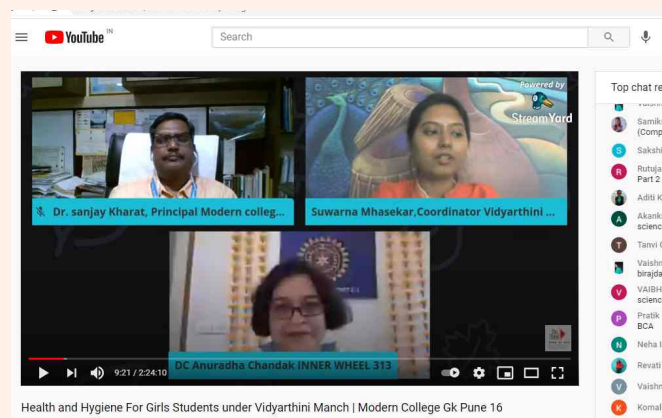
The Second Session was started by Mrs. Hemlata Dabholkar (Dietitian) in this session, she talked about health and hygiene. Health issues were discussed with students and the girls were informed regarding increase of diseases in women. She also explained regarding improving the immune system by having balance diet which includes iron, proteins and calcium etc. This helped in increasing the awareness among the students about how they could prevent these diseases and how hygiene would help them. Both speakers explained and shares their valuable inputs with the girls about health and hygiene for their future benefits. At the end of the Program Question Answer session was handled by Dr.Jyoti Gagangrass Madam,Vice principal Arts faculty ,Modern College, Ganeshkhind, Pune.

In previous years this program was held within the college for the college students but this was second time it was held as a Cluster college activity /program. Approximately 2,290 views students participated views were received for in this Virtual program YouTube Live program.

All these programs were successfully carried out under the guidance of Hon. Principal Dr. Sanjay Kharat and Dr.Nivedita Das ,IWC organizer. These programs were well organized by M/S Suvarna Mhasekar, (Coordinator Vidyarthini Manch), with the help of technical support team of college and other committee members including M/S Mrunal Pardasi, M/S Meenal Jabde, M/S Jyoti Acharya and Dr. Meenakshi Tiwari. The comparing of the program was done by Suvarna Mhasekar and vote of thanks was done by Mrs. Bhagyashree Shastri, President IWC.

Virtual Program Link: //youtu.be/zGkDYJqOWhg

Suvarna Mhasekar
Coordinator



NATIONAL ONLINE GUEST LECTURE SERIES UNDER "STAR-DBT" SCHEME

Department of Chemistry, Modern College of Arts Science and Commerce, Ganeshkhind, Pune-16, organized a National Online Guest Lecture Series under STAR-DBT scheme for undergraduate and

postgraduate students. In this event we invited different research scientists from different academic institutions and industry. The invited speakers have presented their research work and discussed about it



during the sessions. Various online platforms like Google Meet and Microsoft Teams were used for arranging the sessions. The details of the event are as follow

Our first invited speaker was Dr. Mainak Banerjee from Department of Chemistry, BITS Pilani K. K. Birla Goa Campus, Goa-403726, and the talk was scheduled on 10/11/2020 at 3.00 pm on Google Meet platform, around 101 participants attended the session. He gave an excellent coverage on Green chemistry and mechanochemical synthesis of Heterocycles. Further he discussed about making bridge between nature and technology. A very important message from his talk was keep on changing according to time. Also he discussed about Twelve Principals of Green Chemistry stated by Paul Anastas. Which says that reduce the risk of solvent, chemical etc. So we can use alternative ways like Sonochemistry, Microwave assisted synthesis for the synthesis of organic compounds of medicinal applications. Further he explained about mechanochemical synthesis and its parameters and use of mortar and pestle, liquid assisted grinding, reaction optimization and how mechanochemical synthesis is more efficient and green approach than traditional organic synthesis. Students interacted with the speaker after his talk and asked their doubts about the green chemistry and the work speaker presented during his talk.

Second invited speaker was Dr. Amrita Chatterjee from Department of Chemistry, BITS Pilani K. K. Birla Goa Campus, Goa-403726, and the talk was scheduled on 11/11/2020 at 4.00 pm on Google Meet platform, around 85-90 participants attended the session. She gave an excellent coverage on AIE "AIE Based SMART Sensing Materials: Environmental and Biological Applications". Her talk introduced all the participants to the new research area and new fluorescent compounds called "Aggregation-Induced Emission". She explained what AIE is, how it works and what are their applications in different areas and its real world applications etc. Further she discussed about her research work, detection of Lead, Dissolved CO₂, and Ascorbic Acid etc. Students interacted with the

speaker after her talk and asked their doubts about the Limit of Detection, solvent study and comparative study etc. and the work speaker presented during the session.

Our third speaker was Dr. Manisha Khaladkar from Department of Applied Science, College of Engineering, Pune, Shivajinagar, Pune-411007, and the talk was scheduled on 21/01/2021 at 3.00 pm on Microsoft Teams platform, around 75-80 participants attended the session. She gave an excellent coverage on "Synthesis and Characterization of Nanomaterials". Further she explained about nanomaterials and nanochemistry, various synthetic methods like Top-Down and Bottom-Up approach, different synthesis methods and focused ion beam machining etc. Students interacted with the speaker after her talk and asked their doubts on the work speaker presented during the session.

Next invited speaker was Dr. Rohan Erande from Department of Chemistry, IIT Jodhpur-342037, and the talk was scheduled on 21/01/2021 at 3.00 pm, on Google Meet platform, more than 100 participants attended the session. He spoke about the "Necessity of Drugs Discovery and Development". He further discussed how different parts of the plants were given as medicine in ancient times what were the adverse effects of those traditional medicines etc. Then he shifted his talk from ancient to recent way of drug development and process and the time require for one drug to come to the market etc. Further he explained the work he done on synthesis of different natural products and their application as a medicine, different synthetic route and efficient method of synthesis etc. Students interacted with the speaker after his talk and asked their doubts on the work speaker presented during the session.

Our fifth invited speaker was Dr. Anup Ranade from PI industries Ltd, Udaipur, Rajasthan 313001, and the talk was scheduled on 21/01/2021 at 3.00 pm, on Microsoft Teams platform, around 75-80 participants attended the session. He discussed about "Introduction to Intellectual Property Rights". Further he discussed about, how to file patent, types



of patents, how industries protect data by patenting it, geographical patenting, trademarks and career opportunities for students for patent officer exam and courses for joining patent office as well as industry etc.

This particular program will be really helpful for staff



Students attending DBT national lecture series

as well as for students in their future. On the basis of thoughts, views and knowledge shared by various academicians and industry person will help students to choose their fields in future.

Dr. Madhuri Kulkarni
Dr. Dipratan Khandare
Co-ordinator



Session with Dr. Bhabhtosh Das in DBT national lecture series

HANDS ON TRAINING

COVID-19 Pandemic forced all to shift from offline classroom teaching to online teaching which also includes online teaching material sharing, online assignments submissions, online test, online quizzes, online feedbacks and many more activities to online. Handling all these activities online we start using MOODLE, a Learning Management System (LMS) for all classes. The LMS Moodle is set up and deployed by the college on the college server and starts its use from academic year 2019-20 for some classes. "Moodle Hands-on Training Webinar Series" was organised in the months of April & May 2020, total 125 teachers of Modern College of Arts, Science and Commerce, Ganeshkhind, Pune participated in this training and got an e-certificate after completing all the activities conducted during the training and qualifying the online MCQ test. This webinar series was organised by the college under the guidance of Dr. Sanjay S. Kharat, Principal and conducted by Asst. Prof. Amol G. Patil, Department of Computer Science.

Inculcating online teaching and teaching material

development a five days Faculty Development on "e-Content Development for Online Teaching" was organised from 25 June 2020 to 30 June 2020. Dr. Jyoti Gagangras, Vice - Principal inaugurated the FDP on 25 June 2021. Various online tools like Google Classroom, Google Drive, Google Meet, Lexis Audio Editor, DU Recorder, YouTube Video Channel, Google Docs, Google Slides, Google Sheets, Google Forms are upskill. Total 140 participants actively participated in this FDP and got an e-certificate after submitting assignments and completing the online MCQ test on the last date. FDP valedictory guest was Prof. Kapil Deo Mishra, Vice Chancellor, Rani Durgavati University, Jabalpur, Madhya Pradesh. Prof. Mishra spoke about online teaching, the necessity of this teaching mode. He also congratulated the college for organizing online e-content development program for the staff, which is a step towards "Aatma-nirbhar Bharat". He also spoke about rural development, local to vocal, and how teachers can transform the scenario. He finally thanked the College and Principal Sir for their warm gesture, congratulated the participants for actively being a part of the program, and wished best luck for the teaching.

Amol Patil
Co-ordinator

Alumni Funded Scholarship



Mr. Anand Shrikrishna Parchure
Managing Director
Parchure Engineers Pvt. Ltd, Pune

Rani of Jhansi, Laxmibai Women's Scholarship

People in society always tend to imitate the behaviour of the empowered and knowledgeable

What ever principles or benchmark of conduct they sets forth , the people blindly walk down the same path...

Geeta : Chapter 3, Verse 21

I am greatly influenced by the teachings of Shrimad Bhagwat Geeta in my life. Infact, I find myself immersed in reading or hearing about Bhagvad Geeta and its teachings more than any other form of literature available to me. The greatest book mankind has ever come across, ever, teaches one to be focussed on one's work that is "Karma" and not on the outcome of it. This has been one of the most popular dogmas of Geeta.

However the Karma-Yog aspect of Bhagvad Geeta , has been best elaborated , in Lokmanya Bal Gangadhar Tilak's greatest work Geeta-Rahasya. A Karmayogi is a person for whom Success or Failure, Happiness and Sorrow, Profit or loss mean the same. He is in control of his senses at all times. Nothing that happens in the universe, or simply put around him, affects his inner world. This has greatly helped me in the handling of my professional and personal life. I no longer pursue business endeavours for profit, instead focus more on professional excellence and the rest follows. In personal relations too, one must not expect from others, before giving one's hundred per cent to the relationship. Do it , Do it now , Do it to one's best ability and forget about the rest. This is the motto that drives my life.

With this Karmayogi spirit in mind, I wanted to give back to those sections of the society, who are by fate not fortunate enough to have a sound financial background but want to pursue the upliftment towards a better life. I was searching for ways through which this giving back to the society can be achieved. Social & charitable organisations exist but working with them would not have made it possible to oversee where and how my contributions were being utilized. Hence, it was then that it struck me, that what a better way , I could ever find, then to come back to my Alma Mater Modern College, Ganeshkhind, where I spent my two years as a student in the Physics department, headed by Prof. Mrs. Varsha Joshi madam. She had been most co-operative and inspirational for me in my college days. Hence I approached the college with the idea of instating a scholarship in the name of the Hon. Former Prime Minister Lt. Shree Atal Bihari Vajpayee Ji by the name – " Atal Adarsh Vidyarthi Scholarship" for sponsoring the college education of 5 students from the college every year. Later on I thought that this wasn't enough and I by the grace of god, added three more sponsorships under the name "Rani of Jhansi, Laxmibai Women's Scholarship" for girls students only. Each Scholarship is for Rupees Three Thousand and students are selected after personal interviews. Need for assistance is the only criteria for selection. The names were chosen as an ode to two stalwart personalities that have helped shape India in to a nation of distinct greatness and integrity on the world stage. My goal now is to grow the size of this scholarship to 30 students from the 8 students I sponsor currently till the year 2023. I pray to god it doesn't take that long. I also encourage parents and students reading this to contact me if they too want to contribute to this noble cause. My email address is mentioned with this article for that purpose alone. I wanted my fellow Modernites to receive the scholarship and to benefit from the funds received to complete their education with the pursuit of excellence as the only thing that worries them and not making arrangements for college fees. I hope they too will lead a successful professional and personal life and not forget to give back to the students , the due that they received through this scholarship. Its all about passing on the baton , from one Modernite to the next.

I thank the college administration, especially our Principal Shri. Kharat Sir for his constant motivation and guidance, Mrs. Vijayalaxmi Kulkarni Madam for undying spirit to assist the students of the college and the entire staff and team of Modern College , for their cooperation and support at all times.

Thank you.



Mr. Sagar Prakash Chougule
Senior General Manger
Johnson Controls Deaprtment

Late Sunita Chougule Scholarship

I would like to thank you for giving me an opportunity for instituting a scholarship in the memory of my Mother late Sunita Prakash Chougule for potential, hardworking and sincere students who came from Agriculture background. I was one of the students from Commerce division of Modern College Ganeshkhind who got the benefit of such a scholarship for 4 years (Year-2004 to 2007) which played a vital role in completing my studies and boosting my career to achieve what I had desired. Special thanks to honorable Kulkarni and Joshi madam for recognizing and considering me for the reward of scholarship. This inspired me to extend the hand of support to those students who have an agriculture background wherein we all know that their monthly earning is uncertain which should not create barriers for them to pursue their goal. I am optimistic that a small portion of contribution will enable them to get the motivation in achieving their goals in life and making their Parents and professors proud.



Mr. Sandeep Gollapudy
Director - Program Management
Alumnus of Second Batch 1993-94

Gollapudy Scholarship (3)

Dear Friends,

It gives me a lot of pleasure to share my thought process in setting up a small scholarship in honour of my parents.

My parents came from poor families who really struggled to get an education but always understood the value of the same. My mum, was enrolled to a government school in year 7 and was constantly at risk of being removed from the school rolls due to delay or non-payment of fees which would have been less than Rs 100 for a term. Being a girl child had additional hurdles to overcome as there was priority for poor students who happen to be boys. She lacked access to basic essentials such as notebooks, text books or stationary. She would take up partially used books from other (richer) students and write up notes on the blank pages left over. However her notes were always meticulous & soon became sought after by other students who did not capture them diligently. The head master in her school, was a kind gentlemen who recognized the potential of my mother and used to pay her fees from his own salary or at times carve out a scholarship from a "Poor Boys Fund" to ensure my mom & her siblings could attend school. As she grew older, my mom started running tuition classes after school to generate income for her family. She managed to complete BSC & Bed by doing multiple jobs till her marriage. Post marriage, she relocated to Pune as my Dad has his job with ARDE Pashan. She applied for teacher roles in multiple schools and despite having studied in Telugu, Kannada medium managed to become a secondary school teacher in an English convent schools (St Joseph's Pashan). She worked at St Joseph's for 24 years till her retirement and taught thousands of students.

My dad had his own challenges with funding his education but persisted with doing multiple side jobs till he could get his M SC in Physics and a job as a scientist after a brief spell with the Airforce in the sixties. Although my parents had stable jobs the cost of living in Pune was considerable & my mother in particular worked significant extra hours giving tuitions in Maths & science for STD 7 – 10 year students to improve our family income and support my sister & me.

The generosity of strangers helped my parents to study & qualify for respectable jobs without taking any shortcuts. This experience really opened my eyes on how much a small gesture can help in the long term.

I have been extremely fortunate to have a good education without doing anything extra (unlike my parents). I am doing my small bit to ensure my fellow countrymen / women realise the benefit of education & RISE in life with honest livelihoods. Educating a girl child in particular, improves her whole family as her awareness & horizons broaden. I see the same in my family across generations and wish it happens across India irrespective of caste / religion and solely based on family economic status and students desire to learn.

I felt really happy to learn that one of the deserving candidates who received the Gollapudy scholarship has gone on to

become a well-educated & respected member of society and setup a similar scholarship with our college. Isn't this a fantastic multi-generation Return on Investment on a very small principal amount?

I wish every student the very best & humbly request everyone to consider helping at least one more fellow countryman to make us successful as a society & country.

With Best wishes



डॉ. हरिभाऊ बा. मुंगसे

सेवानिवृत्त प्राध्यापक,
महात्मा फुले कृषी विद्यापीठ, पुणे.

ज्योती मुंगसे प्रेरणा पुरस्कार

ज्योती माझी मुलगी जिला जन्मतःच असाध्य असा हृदय दोष (SD, Large VSD, LTG with high pulmonary hypertension) होता. डॉक्टरांनी तिला अल्प आयुष्य आहे असे सांगितले होते व तिला शाळेतही घालू नका असा सल्ला दिला होता. अशा परिस्थितीत सुद्धा तिने बी.ए च्या प्रथम वर्षापर्यंत सलग शिक्षण घेतले. बी.ए च्या दुसऱ्या वर्षापासून तिच्या आजाराने उचल खाल्ली व तिला शिक्षण सोडून घ्यावे लागले प्राध्यापक सर्जेराव सरांनी (जे तिला मानस कन्या मानत होते) शिक्षण पूर्ण करण्याचा आग्रह धरला. दोन ते तीन वर्षांच्या कालखंडानंतर १९९७ साली तिने पदवी प्राप्त केली. ११वी, १२ वी व कॉलेजचे प्रथम वर्ष मॉडर्न कॉलेज शिवाजीनगर येथे केले तर दुसरे व तिसरे वर्ष बी.ए तिने गणेशखिंड येथे पूर्ण केले. पदवी शिक्षणानंतर तिचा आजार अधिक बळावला व इच्छा असूनही पुढील शिक्षणात खंड पडला. तिच्या सतत हॉस्पिटलच्या वाऱ्या सुरु झाल्या या काळात तिने भरपूर वाचन केले. नसीमा हरजूक यांच्या 'चाकाची खुर्ची' पुस्तक वाचून तिला सामाजिक कार्य

करण्याची प्रेरणा मिळाली मग आपल्याच सारख्या आजार असणाऱ्या रुग्णांसाठी तिने 'हृदय ज्योत परिवार' न्यासाची ३ जून २००४ रोजी स्थापना केली. न्यासाद्वारे तिने शेकडो मुलांच्या पालकांना समुपदेशन करून त्यांना शस्त्रक्रियेसाठी प्रवृत्त केले. तसेच ७० ते ८० लहान मुलांच्या शस्त्रक्रियेसाठी आर्थिक मदत केली. तसेच हृदयाची गोष्ट हा माहितीपट काढून हृदय दोषांबद्दल जनजागृती केली.

समाजकार्यात मदत होईल या उद्देशाने तिने २०१२ साली मॉडर्न कॉलेज गणेशखिंड येथे एम.ए समाजशास्त्र शाखेत प्रवेश घेतला आणि आजाराशी संघर्ष करत शरीर साथ देत नसताना २०१४ साली गणेशखिंड ऑक्सिजन लावून एम.ए परीक्षा दिली. आणि कॉलेजच्या कला शाखेत प्रथम क्रमांक मिळविला. तिच्या शिक्षण घेण्याच्या जिद्दीचा आणि धडपडीचा आम्हाला अभिमान वाटतो. कॉलेजमध्ये शिक्षण घेत असताना तिचा अनेक गरीब आणि होतकरू मुलांशी जवळून संबंध येत होता. त्यांच्या शिक्षणातील अडीअडचणी तिला समजत होत्या. अशा मुलांकरता आपण कशाप्रकारे मदत करू शकतो याबद्दल ती सतत माझ्याशी विचारविनिमय करत असे.

अशा विचारमंथनातूनच आपण काही रक्कम कॉलेज आणि ज्योतीच्या नावे संयुक्त खात्यात मुदत ठेवीत ठेऊन गरीब, होतकरू आणि शिक्षणासाठी संघर्ष करीत असलेल्या विद्यार्थ्यांला स्कॉलरशिप सुरु करण्याचे निश्चित झाले. आमच्या मनातील प्रस्ताव प्राचार्य डॉ. संजय खरात यांच्यासमोर विचारार्थ मांडला. नंतर रितसर मान्यता घेऊन 'ज्योती मुंगसे प्रेरणा पुरस्कार' या नावाने साक्षांकित दस्तऐवज तयार करून स्कॉलरशिप तयार करण्याचे ठरले. दस्तामध्ये सर्व अटी व शर्ती नमूद केल्या आहेत. त्याप्रमाणे ज्योतीने स्वतःचे रु. ४०,०००/- दिनांक २६-१२-२०१७ रोजी बँक ऑफ महाराष्ट्र, गणेशखिंड रोड शाखा येथे संयुक्त खाते उघडून मुदत ठेव ठेवली. प्रथम वर्षी स्वतःची रोख रक्कम देऊन २०१७-१८ च्या वार्षिक पारितोषिक समारंभात प्रथम स्कॉलरशिप दिली. कॉलेजकडून प्रेरणा पुरस्काराची ट्रॉफी दरवर्षी देण्यात येणार आहे.

ज्योतीचे २४-४-२०१९ रोजी जवळपास ६२ लाख रुपये खर्च करून हृदय आणि दोन्ही फुफ्फुसांच्या प्रत्यारोपणाची शस्त्रक्रिया करण्यात आली. परंतु जंतूसंसर्गामुळे ती त्यातून सावरली नाही आणि १०. ५. २०१९ रोजी तिचे चेन्नई येथील ग्लोबल हॉस्पिटल मध्ये निधन झाले. ज्योतीच्या सामाजिक कार्याची जाणीव ठेवून मुंगसे कुटुंबीयांनी वरील मुदत ठेवीत २०-१-२०२० मध्ये आणखी ६०,०००/- (रु.साठ हजार) रुपयांची भर घालून आता एक लाख रुपयांच्या मुदत ठेवीवरील व्याजाची कायमस्वरूपी स्कॉलरशिप सुरु राहिल अशी व्यवस्था केली आहे. ज्योतीच्या शिक्षणाच्या काळात मॉडर्न कॉलेज, शिवाजीनगर, आणि विशेषतः मॉडर्न कॉलेज, गणेशखिंड येथील प्राचार्य डॉ. संजय खरात, प्रा. डॉ. ज्योती गगनग्रास, प्रा. विजया कुलकर्णी, प्रा. डॉ. जयश्री खर्चे, सर्व शिक्षकवंद आणि शिक्षकेतर कर्मचारी वर्ग व तिचे सर्व वर्गमित्र यांनी ज्योतीची जी काळजी घेतली आणि तिला जी सर्वतोपरी मदत केली त्याबद्दल मुंगसे कुटुंबीय सर्वांचे अत्यंत आभारी आहे. तसेच प्रशासनाने प्रेरणा पुरस्कार सुरु करण्यास परवानगी दिली त्याबद्दल आम्ही त्यांचे आभारी आहोत.



सौ. वनिता शरद कुंजीर
वनिता शंकरराव तापकीर
कृषी उत्पन्न बाजार समिती, पुणे

शंकरराव तापकीर शिष्यवृत्ती

(होतकरु विद्यार्थ्यांसाठी उच्च शिक्षणाला प्रोत्साहन देण्यासाठी)

गणेशखिंड, पुणे येथील मॉडर्न कॉलेज ची आमची पहिली बॅच प्राचार्य, शिक्षक व आम्ही विद्यार्थी एकमेकांसाठी नवीन होतो. कॉलेज नवीन असल्याने सुरवातीला आम्हाला अनेक अडचणींचा सामना करावा लागला. कॉलेजला स्वतःची इमारत नव्हती त्यामुळे कनिष्ठ महाविद्यालयाच्या कोणत्या वर्गात आमचे तास होतील हे आम्हाला सांगितले जायचे. कॉलेजच्या सुरवातीच्या कठीण काळात सर्वांनी काहीही तक्रार न करता एकमेकांना समजावून घेतले. आज इवल्याश्या एका रोपट्याचे एका वटवृक्षात रूपांतर झाले आहे हे पाहताना मला तसेच आमच्या बॅच मधील सर्वांना खूप आनंद होत आहे व व अभिमान वाटत आहे की अनेक सन्मान मिळालेल्या या आमच्या कॉलेज ची आमची पहिली बॅच होती.

सर्व शिक्षकांची शिकवण्याची व समजावून सांगण्याची पद्धत खूप सोपी व प्रभावी होती. शिक्षकांच्या शिकवण्यात आपलेपणा व उत्साह प्रकर्षाने दिसत होता. अभ्यासक्रमाबरोबरच जीवनातील अनेक प्रसंगांना कसे सामोरे जावे त्यातून कसा योग्य मार्ग निवडावा हे कुटुंबप्रमुखाप्रमाणे आम्हाला सांगत असत. कोणत्याही चांगल्या गोष्टींसाठी पाठीवर कौतुकाची थाप पडत असे.

माझ्या मुलाचा मी माझ्याच कॉलेज मध्ये प्रवेश घेतला, त्यावेळेस पालकसभा आयोजित केली होती. माझे एक शिक्षक वर्गात सभेसाठी आले, इतक्या वर्षांनंतर त्यांनी मला ओळखले नाही (अर्थात खूप बदल माझ्यात झाले होते) पालकसभेच्या चर्चेतून असे लक्षात आले की कॉलेज अजूनही खूप कल्पक उपक्रम घेत आहे कॉलेजची माजी विद्यार्थी संघटना पण स्थापन झाली आहे व या संघटनेच्या माध्यमातून अनेक शिष्यवृत्ती होतकरु पण आर्थिक दृष्ट्या दुर्बल असणाऱ्या विद्यार्थ्यांच्यासाठी सुरु झाल्या आहेत या विधायक कार्यात माझाही सहभाग असावा असे मला मनापासून वाटले. मी माझ्या वडिलांच्या स्मरणार्थ - 'शंकरराव तापकीर' एक शिष्यवृत्ती सुरु केली याच्या मागचा उद्देश होता की आर्थिक दृष्ट्या दुर्बल असणाऱ्या विद्यार्थ्यांना उच्च शिक्षणाच्या प्रवाहात आणण्यासाठी तापकीर शिष्यवृत्तीचा थोडाफार हातभार लागावा. माझ्या कॉलेजसाठी माझे हे छोटेसे योगदान होऊ शकले याचा मला खूप आनंद व समाधान वाटत आहे.

आपली विश्वासू,



पूजा मनिष कोंडे

आजीवन मनीष कोंडे शिष्यवृत्ती

(मातृ किंवा पितृ छत्र हरवलेल्या होतकरु विद्यार्थ्यांसाठी)

१२ फेब्रुवारी २००४ रोजी मनिष माझ्या आयुष्यात आले. त्यांचे रुबाबदार व्यक्तिमत्व, हसरा चेहरा मला खूप भावला. वक्तशीरपणा, सतत काम करण्याची सवय, सगळ्यांना एकत्र घेऊन चालणारा, पण थोडासा हट्टी, आक्रमक, स्वाभिमानी आणि जिद्द बाळगणारा असा हा मनिष. गुणांचा गुणाकार करत पुढे सुखी संसार चालला असतानाच ज्या वयात एकमेकांची सोबत, साथ हवी असते अशातच मनीष मला एकटे ठेऊन, पोरके करून २१ ऑगस्ट २०२० ला या जगातून कायमचा निघून गेला आणि माझ्यावर दुःखाचा डोंगर कोसळला. आपल्या बरोबर त्याचा प्रवास एवढाच होता हे वास्तव स्वीकारायला मन तयार होता नव्हते. एक दिवस असेच मनिषच्या आठवणींमध्ये हरवले असताना मनिषच्या कॉलेज मधून माजी विद्यार्थी संघटनेच्या कार्यालयातून मला फोन आला व त्याच्या एका मॅडम ने मनीषच्या नावाने कॉलेज मध्ये एका होतकरु, हुशार पण मातृ किंवा पितृ छत्र हरवलेल्या

(Single Parent Scholarship) विद्यार्थ्यांसाठी 'आजीवन मनीष कोंडे शिष्यवृत्ती' सुरु करण्याची परवानगी मागितली हे ऐकून मला खूप आनंद झाला. कधी काळी त्याने केलेल्या निस्वार्थी मदतीचे, कॉलेज वर अत्यंत लोभ व जिद्दाळा असल्याचे पुण्य माझ्या पदरी पडत आहे याची मला जाणीव झाली. या शिष्यवृत्तीच्या निमित्ताने मनिष पुन्हा एकदा जिवंत झाला आहे असे मला वाटले. त्याचे नाव त्याच्याच आवडत्या मॉडर्न कॉलेज मध्ये अजरामर होणार होते हे पाहून मी भारावून गेले.

तू शिक्षण पूर्ण कर, शिकत शिकत तू काम कर असा सर्वांना सल्ला देणारा व शिक्षणासाठी सर्वांना प्रोत्साहित करणाऱ्या मनिषची ज्ञानार्जनासाठी

असणारी तळमळ या शिष्यवृत्तीच्या निमित्ताने पूर्ण झाली असे मला मनोमन वाटले.

मनिष गेल्यावर माझ्या मुलाची संपूर्ण जबाबदारी माझ्यावर पडली. आयुष्याचा जोडीदार अर्ध्या संसारातून सोडून निघून जातो तेव्हा प्रामुख्याने अशी जबाबदारी सांभाळताना इतरांनी दिलेला मदतीचा हात कितीतरी मोलाचा वाटतो. मनिषच्या नावाने दिल्या जाणाऱ्या शिष्यवृत्ती मुळे अशाच अनेक हुशार विद्यार्थ्यांना की ज्यांचे आई किंवा वडिलांचे छत्र हरविले आहे व आर्थिकदृष्ट्या दुर्बल आहेत त्यांना नक्कीच एक आशेचा किरण मिळेल असा मला विश्वास वाटतो. मनिष कॉलेज च्या नावाने पहिली शिष्यवृत्ती माझ्या हस्ते देण्यासाठी मला कॉलेज मध्ये बोलाविलेलेत यासाठी मी कॉलेजच्या प्राचार्यांची, मनिषच्या सर्व शिक्षकांची व माजी विद्यार्थी संघटनेची कायमच ऋणी राहिन. या निमित्ताने मनिषच्या आठवणींना उजाळा देऊन मला, मनिषच्या आईवडिलांना व माझ्या मुलाला नवचैतन्य दिले आहेत हे आम्ही कधी विसरू शकणार नाही. आजीवन शिष्यवृत्ती प्राप्त होणाऱ्या अनेक विद्यार्थ्यांच्या रूपाने मनिषच्या अस्तित्वाचा भास आम्हाला सतत होत राहिल. आम्ही सर्व कॉलेज कुटुंबीय कॉलेजचे अत्यंत आभारी आहोत

या व्यवहारी जगात आपुलकीचे नाते जपणाऱ्या कॉलेज ला माझा मानाचा मुजरा असेच कॉलेजचे प्रेम, साथ आमच्याबरोबर कायम राहो हीच सदिच्छा.



वैशाली शेखर चाफेकर

शेखर चाफेकर शिष्यवृत्ती

(दिव्यांग विद्यार्थ्यांसाठी)

मॉडर्न कॉलेज गणेशखिंड पुणे येथील माननीय प्राचार्य डॉ. संजय खरात सर्व गुरुजन व विद्यार्थी मित्र मैत्रिणींना चाफेकर कुटुंबीयांचा सादर प्रणाम.

दिवंगत शेखर चाफेकर हे माझे पती व कु. वंशिका शेखर चाफेकर हिचे वडील यांचे महाविद्यालयीन शिक्षण प्रोग्रेसिव्ह एज्युकेशन सोसायटीचे मॉडर्न कॉलेज गणेशखिंड येथे झाले. ते या महाविद्यालयाच्या प्रथम बॅचचे विद्यार्थी होते. प्रथम बॅचचे असल्याकारणाने त्यांचा कॉलेजवर विशेष लोभ होता. जेव्हा जेव्हा वेळ असेल व पुण्यात असतील तेव्हा ते आवर्जून कॉलेज ला भेट द्यायचे. शेखरला सामाजिक

कार्याची विशेष आवड होती. आर्थिक व शारीरिक आव्हानात्मक परिस्थितीने कोणाच्याही शिक्षणात खंड पडू नये यासाठी नेहमीच त्यांची तळमळ होती. दुर्दैवाने २ फेब्रुवारी २०२१ रोजी त्यांचे आफ्रिकेत नोकरीच्या निमित्ताने असताना निधन झाले व आमच्यावर अनपेक्षित असा दुर्दैवी प्रसंग ओढवला.

एके दिवशी कॉलेज मधील माजी विद्यार्थी संघटनेच्या ऑफिस मधून फोन आला व मला सांगण्यात आले की कॉलेज मधील एका प्राध्यापकाने माझ्या पतीच्या नावाने एक आजीवन शिष्यवृत्ती सुरु करण्याचा मानस व्यक्त केला आहे, याला तुमची परवानगी आहे का?. मला काही क्षण समजेना की शेखरची अशी आर्थिक व शारीरिक आव्हानात्मक परिस्थिती असणाऱ्या विद्यार्थ्यांची शिक्षणाबाबतची तीव्र इच्छा अशा माध्यमातून पूर्ण होईल. मग हीच शेखरला खरी श्रद्धांजली असेल म्हणून मी लगेच या प्रस्तावाला होकार दिला व अशी आजीवन शिष्यवृत्ती इथून पुढे शेखर चाफेकर या नावाने ओळखली जाईल असे ठरविण्यात आले. शैक्षणिक वर्ष २०२०-२१ पासून अशी शिष्यवृत्ती देण्याचे ठरविले. कॉलेज ने माजी विद्यार्थी संघटनेच्या माध्यमातून पहिली शिष्यवृत्ती माझ्या हस्ते देण्यासाठी मला आमंत्रित केले. मी व माझी मुलगी शेखरच्या कॉलेज मध्ये या प्रसंगाच्या निमित्ताने येऊ असे मला कधी स्वप्नात देखील वाटले नव्हते.

या प्रसंगी शेखर ची सुप्त इच्छा पूर्ण होऊन दिव्यांग विद्यार्थ्यांला त्याचे शिक्षण पूर्ण होण्यासाठी फुल ना फुलाची पाकळी म्हणून मदत होईल असा मला विश्वास वाटतो. आम्ही सर्व चाफेकर कुटुंबीय कॉलेज व माजी विद्यार्थी संघटनेचे मनापासून आभारी आहोत की त्यांनी आम्हाला कॉलेजचे एक कुटुंबातील सदस्य समजले व ही सामाजिक कार्यातील संधी प्राप्त करून दिली. कॉलेजला आमच्या खूप शुभेच्छा.

भावपूर्ण श्रद्धांजली



Dr. Ganesh Hegade
Deputy Adviser (NAAC)



Mr. Sundarlal Bahuguna
Indian noted environmentalist and Chipko movement leader



Captain Milkha Singh
Former Athlete , “Flying Sikh”



Ram Vilas Paswan
Food and consumer affairs minister and Lok Janshakti Party



Jaswant Singh
Former Union Minister



SP Balsubramanyam
Legendry singer



Diego Maradona
Legendry Football player



Kobe Bryant
International Basketball icon



Balaji Thambe
Ayurvedacharya



Dilip Kumar
Veteran Indian Actor, Padma awardee



Ashalata Wabgaonkar
Veteran Marathi actress



Sumira Bhawe
Renowned Marathi Director, Film maker, writer



Modern College 2020-21



Jagdish Chinchore
Former Secretary, P. E Society



Manish Konde
Alumnus (1992-1995)



Shekhar Chaphekar
Alumnus (1992-1995)



**First prize in Kirloskar Vasundhra Green College Clean Trophy for the year 20- 21.
Given by Kirloskar Vasundhra Group for Green and Clean campus.**



**Department of Sociology and Commerce Faculty Jointly Conducted Programme an
Evening with Alok Rajwade (Actor, Director)**



Stay Home Stay Safe

Progressive Education Society's
Modern College of Arts, Science & Commerce
Ganeshkhind, Pune - 411 016.

Best College Award from Savitribai Phule Pune University

- Accredited by NAAC with 'A' Grade
 - DST-FIST sponsored College
 - STAR College Scheme sponsored by DBT
- www.moderncollegegk.org