

Department of Physics

2018-2019

1. Departmental Activities:

A. Department has organized one Day Workshop on “**Laboratory safety and maintenance**” for non-teaching staff, under DBT STAR College scheme on 27th Sep, 2018. Around 50 non-teaching staff members from different colleges participated in this workshop. **Dr. Ashwini Kulkarni**, Microbiology Department, Modern College Ganeshkhind, **Mr. Pramod Patil**, Siddhivinayak Technology and **Dr. Grover**, NCL, Pune were resource persons and **Mrs. Varsha Joshi**, Head, Department of Physics was coordinator for this workshop.

B. Department has organized Student’s Winter Training Workshop under DBT STAR College scheme on “**Basics of Nanoscience**” from 30th January to 5th February 2019 for graduate and post graduate students. Around 25 students from various departments of different colleges attended this workshop. **Dr. Sulabha Kulkarni**, CEMET; **Dr. Sopan Rathod**, Garware College; **Dr. S.D. Aghav**, B.R. Gholap College, **Dr. Sougata Ghosh**, School of Science, R K University Rajkot; **Dr. Anil Garje**, S.P. College; Dr. Pooja Rana, **Mr. Mahendra Waghmare** and **Mrs. Chhaya Abnave**, Modern College, Ganeshkhind. **Mrs. Chhaya Abnave** Department of Physics was coordinator for this workshop.

C. **School Activity (Outreach Programme):** Department has organized Exhibition-Demonstration under DBT STAR College Scheme for 8th, 9th standard students of Bharat English school on 18th January 2019. In all there were 11 projects exhibits by our F.Y.B.Sc. and T.Y.B.Sc. Students. **Mr. Mahendra Waghmare**, Department of physics was coordinator for this Programme.

D. Hands on training:

Department has organized Hands on training on

- “Plotting of Graphs “for F.Y.B.Sc from 28th, January to 2nd, February 2019 under DBT STAR College Scheme. **Mr. Mahendra Waghmare**, **Mrs. Chhaya Abnave** and **Dr. Pratibha Rao** have conducted training. Purpose behind organization of these hands on training was to improve skills for plotting and read the graph. **Mrs. Chhaya Abnave**, Modern College, Ganeshkhind. **Mrs. Chhaya Abnave** Department of Physics was coordinator for this programme.
- Soldering and Desoldering technique for S.Y.BSc students from 18th, 22nd, 25th and 27th September 2018 and T.Y.B.Sc. students on 21st, Dec, 2018 and 4th, Jan, 2019 under DBT STAR College Scheme. **Mr. Deepak Kumbhar** has

conducted training. **Mrs. Varsha Joshi**, Head, Department of Physics was coordinator for this programme.

D. Guest Lecture:

- Department has organized a **guest lecture** on Electron Microscopy - “**Fundamentals and Recent Advancements**” on 28th December 2018 under DBT STAR College Scheme for all students of T.Y.B.Sc and M. Sc. (Physics, Chemistry, Microbiology, Zoology, Botany and Biotechnology). **Dr. Mahendra More**, Chairman, Board of Studies in Physics, Department of Physics, SPPU was resource person.
- Department has organized a **guest lecture** on “ Indian Space Programme ” on 23rd January 2019 under DBT STAR College Scheme for all students of F.Y.B.Sc., F.Y.B A, F.Y Biotechnology. Around 100 students were present for this lecture. Mr. Mayuresh Prabhune, Khagol Vishava, Austro club, Pune was the speaker for this lecture.

1. Industrial Visit:

Thirty seven students from B.Sc. General visited to to Baramati Agro Tourism, Cotton kingtextile company& Nandan Dairy during excursion tour organized on under STAR STATUS scheme of DBT, Govt. of India on 14, October 2018.

2. Field Visit:

3. IUCAA

4. Extracurricular Activities:

- **Physiqia- 2019** “Talent Search Activities” organized by the Department. Purpose behind this activity to improve the logical thinking and basic knowledge in the subject.
 1. Physics Quiz –
 2. Physics Puzzle –
 3. Physics fun game – Ludo
 4. Cartoon making competition
- **Parent Induction Program** was arranged for Parents of F.Y.B.Sc. Div. A and S.Y.B.Sc. Div. A and T.Y.BSc physics students on ____ About ____ **parents** attended the program. Teacher incharge Dr. Pratibha Rao, Mr. M.D. Waghmare and Mrs. Varsha Joshi organized the program.