

Name: Dr.(Mrs).Nivedita Das

Mail id: nivedita@moderncollegegk.org

Date of Birth: 16th July 1967

Educational Qualifications:

- ✚ B.Sc Zoology (Hons,1989),Utkal University ,Bhubaneswar,Odisha
- ✚ M.Sc,(1991)) in Zoology (Dev.Biology), Utkal University Bhubaneswar,Odhis
- ✚ M.Phil (1993) in Zoology (Dev.Biology), Utkal University Bhubaneswar,Odhis.
- ✚ Ph.D(2011) in Zoology, Utkal University, Bhubaneswar,Odhis.

Professional Experience:

- ✚ Assistant Professor in Biotechnology at Modern College Arts,Science and Commerce,Ganeshkhind,Pune,since 2012.
- ✚ Lecturer in Biotechnology at Dr. D.Y. Patil ACS College, Pimpri, Pune, since June 2004 to 2012.
- ✚ Lecturer in Biology in MIT Junior College, Pune during the period 1996-1999.
- ✚ Worked as F.Y.B.Sc.Biotechnology Paper setting Chairman (CBCS2019 pattern) of SPPU.(2019-2020-21).
- ✚ Worked as a committee member in syllabus restructuring of F.Y.B.Sc.biotechnology and S.Y B.Sc.biotechnology according to CBCS system(2019 pattern) of SPPU.
- ✚ External paper setter for M.Sc.II Biotechnology at Fergusson College autonomous University, Pune.(2018-19-2020).
- ✚ Worked as college committee Member in NACC Cretirion I since 2018.
- ✚ Worked as biotechnology departmental DBTcoordinator since 2017.
- ✚ Worked as expert at local selection committee R.J.S. P.M. Bhosari. Date 10th Oct. 2018.
- ✚ Appointed as Co- ordinator for T.Y.B.Sc Biotechnology Practical Examination by University of Pune since 2015.

- ✦ Appointed as paper setter for M.Sc Biotechnology by University of Pune since 2008-09.
- ✦ Appointed as External Examiner , Moderator and Paper checker (CAP) for S.Y and T.Y B.Sc Biotechnology since 2006 by University of Pune.

Research Experience:

- ✦ Eight years research in the field of Cell and Developmental Biology particularly on Amphibian Regeneration.
- ✦ Study was on the Effect of vitamin A on Tail amputated and normal tadpoles of *Tomopternarolande*(Anura:Ranidae) (M.phil research) 1993.
- ✦ Study was on Histological and Biochemical analysis of tail Regeneration in vitamin A treated anuran tadpoles.(Ph.D) 2011.
- ✦ Minor Research Project entitled Effect of vitamin A and Thyroid hormone on Regeneration of tail of anuran tadpoles funded by BCUD University of Pune 2006-2008.
- ✦ Presented a poster in an International Symposium at University of Pune on “Cellular and Molecular aspects of Developmental Regulation” in 1993.
- ✦ Presented a poster in an International Symposium at Agharkar Research Institute, Pune on “Cellular Signaling during Development” in 2006.
- ✦ Presented a poster in First Conference for Pune University Teachers “Innovation-2007” held at University of Pune.
- ✦ Presented a paper in Regional Conference for Pune University College Teachers “Innovation-2008” held at VPASC and VSBT,Baramati.
- ✦ Presented a poster in State Level Conference on “Recent Trends in Physico-Chemical Sciences, Biotechnology and Biodiversity”12-13th Feb2010 sponsored by University of Pune at Pd. Dr.D.Y.Patil ACS College Pimpri,Pune.
- ✦ Presented a paper in National Conference on “Stem Cell Technology” 13-15th March 2010 sponsored by University of Pune at Modern College of Arts, Science and Commerce, Shivajinagar, Pune.
- ✦ Presented and secured 1st prize in paper presented in National seminar on “Frontiers in Biotechnology & Bioinformatics” organized by Dr. D.Y. PatilVidyapeeth, Pune.

Significant Publications:

- ✚ Patnaik, Nivedita (1993). Homeotic Transformation in Anurans. Published in Proc. Cellular and Molecular aspects of Developmental Regulation: International symposium Nov 27th – Dec 1st, University of Pune.
- ✚ Dutta, S.K and Nivedita Patnaik (1994). Effect of vitaminA on tail regeneration of *Tomopternarolandae* tadpoles. Published in “Homeotic transformation in anurans”pp: 36-52 ISRAG.
- ✚ Dutta, S.K., Nivedita Patnaik and Kakoli Das (1994). Further evience of homeotic transformation in anurans. Proc. 8th All India Science Congress Zoology, Utkal University.pp: 94.
- ✚ Mahapatra, P.K., N. Patnaik., C. Mahapatra and S. K. Dutta (2006). Activity of acid phosphatase and alkaline phosphatase in vitaminA treated abnormal tail regeneration. Published in Proc. Cellular Signaling during Development: International symposium 23rd -25thNov,Agharkar Research Institute, Pune.
- ✚ N.Patnaik,C. Mahapatra,S. K. Dutta and P. K. Mahapatra (2012). Role of acid phosphatase and alkaline phosphatase during vitaminA induced abnormal tail regeneration in the tadpoles of the Indian tree frog: International Journal of Current Research,Vol. 4,Issue 11,pp, 115-120, ISSN: 0975-833X
- ✚ Nivedita Das,Vinayak Kulkarni and Mayur Lokhande (2013). Production of Biofuel from Chicken Feathers: International journal on Power Engineering and Energy, Vol 4, Issue 2, pp-364-366. ISSN: 2314-7318.
- ✚ Nivedita Das and Shamik Majumdar (2013). Effect of Vitamin A and thyroid Hormone on regeneration in anuran tadpole. International Conference on Advances in biotechnology and Bioinformatics BRSI ISSN : 97881-92-6619-19.
- ✚ Nivedita Das,AditiKhot&ShrutiThembe (2014).Production of biodiesel from poultry waste and degradation of remaining waste. Environment Observer Vol 18pp- 83-86.ISSN : 2320-5997.
- ✚ Nivedita Das and NazeenPeerzade (2015).Study of oxidative stress parameters in *Clinotarsuscurtipes* tadpoles during tail regeneration . Proceeding of UGC Sponsored National conference on Innovative Ideas and Research in Life Sciences for Sustainable DevelopmentISBN :978-81-925586-6-0.

- ✚ Anirudh Nelugal and Nivedita Das (2016). Synergistic effects of insecticide and radiation on non-target organism *Clinotarsus curtepis*. Proceeding of National conference on Faunal diversity assesment and Conseravation on 22-23rd Jan 2016 by the department of Zoology Modern college ,Ganeshkhind,Pune-16.ISBN no-978-81-9285564-2-1.

- ✚ AkshayWalhekar ,Nivedita Das and Aditya Eklare(2016).Effect of Xenobiotics and radiationon non target organism *Gambusia.affinis* Fish” Proceeding of National Conference on Innovative Research in Life Sciences held at Sinhgad College of Science, Ambegaon (BR) Pune- 41 under quality Improvement Program, SavitribaiPhule Pune University on 26th and 27th February 2016. ISBN no-978-93-5224-212-2 .

- ✚ Nida RizwanSayed,KunalAgarwal,Malvika Deshpande and Nivedita Das (2016). Withania coagulans as a promising antibacterial agent.Proceeding of National Conference on Innovative Research in Life Sciences held at Sinhgad College of Science, Ambegaon (BR) Pune- 41 under quality Improvement Program, SavitribaiPhule Pune University on 26th and 27th February 2016. ISBN no-978-93-5224-212-2 .

- ✚ Nazneen Peerzade and Nivedita Das (2018). Antimicrobial and phytochemical screening of methanolic fruit extract of *Withania coagulans*L. Dunal for evaluating the antidiabetic activity The Pharma Innovation Journal ISSN(E) : 7(1): 197-204 ISSN(E): 2277-7695 ISSN(P): 2349-8242

- ✚ Nivedita Das and Nazeen Peerzade (2018).Amputation induced Reactive oxygen species regulated tissue regeneration in *Clinotarus curtipes* tadpoles. IJSRST | Volume 5 | Issue 2 | Print ISSN: 2395-6011 | Online ISSN: 2395-602X

- ✚ Nivedita Das,Veena Jadhavand Shubham Chaturvedi (2021): Effect of different sources of Electromagnetic radiation on plant (*Vigna radiata*) growth, physiology & stress defense mechanism (2021) Proceedings of International conference on “Biotechnology Prespectives and Challenges”.organised by the department of biotechnology,Modern college,Ganeshkhind,Pune-16,sponsored by BCUD,SPPU.

- ✚ Co-authored Textbooks in Molecular biology-1for S.Y B.Sc.Biotechnology,SPPU ,Vision publications acc to CBCS 2019-20 patterns ISBN :978-81-946902-3-8

- ✚ Co-authored textbook in Cell biology- 1 for S.Y B.Sc. Biotechnology of SPPU, Nirali publications acc to CBCS 2019-20. ISBN: 976-93-905061-2-3

Achievements:

- ✚ Successfully completed Minor Research Project of BCUD University of Pune 2006-2008.
- ✚ Published a Book on Text book of Molecular Biology for S.Y B.Sc Biotechnology in 2004, & revised version in 2009.
- ✚ Published a Book on Text book of Molecular Biology for S.Y B.Sc Biotechnology in 2015, First edition, Vision publication, ISBN-978-93-50-16-291-0, Chapters, 1,2,4,6&7.
- ✚ Attended workshops for S.Y. and T.Y Biotechnology syllabus in 2004 and 2009, Modern College, Pune.
- ✚ Attended a two days workshop on “Recent Trends in Biotechnology under quality improvement programme of Pune University organized by department of Biotechnology Modern College, Ganeshkhind, Pune in 2007
- ✚ Attended the Biotech Fest and participated in the State Level workshop on Advanced Genetic Engineering and Molecular Biology Techniques organized by department of Biotechnology Modern College, Shivajinagar, Pune in 2007.
- ✚ Participated in the workshop on Biodiversity for Generating Wealth with Biotechnological Intervention held at the Institute of Life Sciences Bhubaneswar in 2004.
- ✚ Participated in the workshop on Bioinformatics Tools in Genomics and Proteomics organized by Institute of Life Sciences Bhubaneswar in 2004.
- ✚ Participated in the National workshop on New Trends in Biotechnology and Bioinformatics organized by department of Biotechnology and Bioinformatics center, University of Pune in 2004. Participated in the workshop on “Basic Techniques in Protein Purification” on 28th Feb 2011 organised by Dr. D.Y. Patil ACS College Pimpri, Pune.
- ✚ Attended seminar on Challenges and Opportunities in Biotechnology on 17th Sept 2011 organised by MITCON Institute of Management, Pune.
- ✚ Participated and successfully completed a “Workshop for Undergraduate Biology Teachers” during 11-14th Jan 2012, jointly organized by IISER, Pune and Dept of Biotechnology, M ES Abasaheb Garware College, Pune, funded by DST-INSPIRE program, Ministry of Science and Technology.

- ✚ Participated in the Workshop on Implementation of Credit System for PG Courses in Colleges Affiliated to University of Pune , organized by MES AbasahebGarware College, Pune.
- ✚ Guided M.Sc and T.Y. Biotechnology students for Project.
- ✚ Presented a poster entitled “Effect of Vitamin A and thyroid Hormone on regeneration in anuran tadpole in international Conference on Advances in biotechnology and Bioinformatics 25th -27thNov, 2013.
- ✚ Attended a workshop on “Cancer Biology” held at Indian Institute of Science and Education and Research, Pune on Aug 23rd2014 .
- ✚ Attended and participated National Conference on “Innovativeness and ideas in life science research for sustainable” development organized by N. Wadia College of Arts and Science, Pune. On 16th& 17th January 2015.
- ✚ Successfully completed The John Hopkins Universitys offering of Care of Elders with Alzheimers Disease and other Major Neurocognitive Disorders.Dec 03, 2013.
- ✚ Successfully completed the University of Copenhagens online offering of The New Nordic Diet-from Gastronomy to Health. Dec 02,2013.
- ✚ Attended and participated in workshop on Science Academia lecture seriesorganized by the department of Biotechnology Modern college Ganeshkhind,Pune ,IISER,Pune.Nov (2016).
- ✚ Attended and Participated in National Conference in Wadia college organized by the department of zoology and sponsored by UGC on Innovative Ideas and Research in Life Sciences for Sustainable Development.(2015)
- ✚ Attended and Participated in National Conference in Modern college Arts,Science and Commerce Ganeshkhind organized by the department of Zoology.(2016).
- ✚ Attended and Participated in National Conference on “Chemical Sciences :Interdisciplinary Approaches” Jan 18-20th 2018 organized by the Department of Chemistry, Modern College Arts,Science and Commerce, Ganeshkhind, Pune, sponsored by Department of Biotechnology, Ministry of Science and Technology, Government of India, NewDelhi.
- ✚ Participated in National Seminar on Breaking the Barriers in Sciences organized by the department of Microbiology Modern college,ASC, Ganeshkhind under Quality improvement programme of SPPU on 1st and 2nd Feb 2019.

- ✚ Participated in one day workshop on Patent-An Important area to Know A faculty development program under(DBT Star Scheme) organized by the department of Biotechnology, Modern college,Ganeshkhind,Pune-16 on 29th Jan 2019.
- ✚ Participated in two days State level conference on Innovative Teaching Pedagogy organized by the department of Zoology, Modern college,Ganeshkhind,Pune-16 on 22 and 23rd February 2019
 - ✚ Attended and Participated in International Conference on “Recent trends in LifeSciences”Feb 2-3rd 2018 organized by the Department of Zoology and BCUD,SPPU.
- ✚ Attended and participated in E-content development workshop organized by Modern college ASC,Ganeshkhind and KnowledgeBridge under Faculty Professional Development Assistance Program on 26 and 27th April 2019.
- ✚ Participated in Annual Sports Competition in Throw ball (women) 1st prize and bagged best player award for Dodge ball.(2018-19).
- ✚ Participated and bagged 1st prize in Modern Chef Competition organized under Vividha Modern College ASC, Ganeshkhind Pune.(2018-19).
- ✚ **2019-2020:**
 - ✚ 1.External expert for M.Sc biotechnology theory exam at Fergusson College,Pune
 - ✚ 2.Attended LMS Training at Vinsys IT Services(I) Pvt Ltd. Kothrud, Maharashtra on 29th June 2019 .
 - ✚ 3. Completed FDP on Teaching and planning organized by PES Modern B.Ed College on 11-13th of July,2019
 - ✚ 4.Actively participated in Science Popularization Program Science Fair-2019, sponsored by DBT, Govt of India on Aug 30th,2019.
 - ✚ 5.Actively participated in Anubhuti – “Regional Science Project and Poster Competition held on 5th February 2020
 - ✚ 6. Participated in “International Conference on Biotechnology: Perspective & challenges” (Under Quality improvement program of SPPU), Date: 14-15th Feb 2020.
 - ✚ 7. Involved in Syllabus designing of F.Y and S.Y.B.Sc(Biotechnology)CBCS 2019 pattern at Savitribai Phule Pune University, Pune .
 - ✚ 8.Actively Participated and worked as committee member in one Day National seminar on Innovative and Best Practices in Higher Education organized by Modern College, Ganeshkhind in Collaboration with NAAC, Bangalore on 26 July 2019.
 - ✚ 9..Attended webinar on Programme and Course outcome based learning on April 4th,2020.
 - ✚ Organised and participated in extension activity(school activity at Murkute school) under DBT star scheme on 20th Jan 2020.
- ✚ **FDPsand Webinars during (Covid -19) 2020-21.**

- ✚ i. Attended Online Course /Programme Outcome Based learning and OBE by Mr. Ajay Bhargav of Inpods on 4/4/20 and on 09/05/20.
- ✚ ii. Hands on training on Online teaching on Moodle organized by Modern college ASC, Ganeshkhind, Pune on Session I: 15/04/20, Session 2: 18/04/20, Session 3: 22/04/20
- ✚ iii. Participated in webinar on Role of teacher in technology driven higher education by GAD-TLC on 28/04/20.
- ✚ iii. Completed 8 weeks Online course on Cell culture technology by NPTEL. from Feb-24th April 2020. Exam postponed.
- ✚ iv. Participated in Online Teach Out on Fighting Covid-19 with Epidemiology John Hopkins University 2 weeks, 31st March-27th April 2020.
- ✚ v. Participated in Moodle Quiz organized by Modern college ASC, Ganeshkhind, Pune on 23/05/20.
- ✚ vi. Participated and bagged certificate of appreciation in National level Science quiz organized by K.K. Wagh college on 18/05/20.
- ✚ vii. Participated and got certificate of appreciation in online covid-19 pandemic awareness quiz organized by Modern college ASC, Ganeshkhind, Pune in May 2020.
- ✚ viii. Attended webinar on opportunities and challenges for industry and preparedness by higher educational institutions. by Mr. Bipin Deokar on 25/05/20.
- ✚ ix. Participated in webinar on Women in Higher education organized by GAD-TLC. on 27/05/20.
- ✚ x. Attended a webinar organized by NACC, Bangaluru on Higher education by Union minister Ramesh Pohriyal on 28/05/20.
- ✚ xi. Participated in online webinar on Teaching during and post covid times by GAD-TLC, on 12/06/20.
- ✚ xi. Organised online webinar for T.Y.B.Sc. Biotech students under DBT star scheme title: WAY FORWARD for T.Y biotech on 22/06/20.
- ✚ xii. Completed 5 days FDP (25/06/20 to 30/06/20) on Online teaching organized by Modern college ASC, Ganeshkhind, Pune.
- ✚ xiii. Participated in Covid-19 quiz organized by Inner wheel club Hubli on 14/07/20.
- ✚ xiv. Participated in Two days National workshop on online teaching learning using LMS- Moodle by MY e class and GAD-TLC on 24/07/20-25/07/20.
- ✚ xv. 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.

Co-curricular and extension activities:

- ✚ Teacher Incharge:.T.Y B.Sc.Biotechnology and mentor.
- ✚ Executive committee member of largest International women's volunteering organization Inner wheel club of Pune Imperial.
- ✚ Initiated Inner wheelclub the largest women social volunteering organization for girls student of Modern college Ganeshkhind,Pune.IWC Gen-Z.
- ✚ Community outreach projects viz;Tree plantation drive ,Visiting children in labour camp , NGO for HIV positive children.
- ✚ Organizing online on Gender sensitization,Awareness programmes on Health and hygiene for girls students