

Faculty Profile under Mandatory Disclosure



1. **Name:** Dr. Madhuri Amol Purandare
2. **Date of Birth:** 17/06/1966
3. **AICTE Unique ID:** 1-435394571
4. **Qualification:** M. Sc., M. Phil (Mathematics) Ph.D.
5. **Work Experience:** Teaching: 29 years
6. **Area of Interest:** Applied Mathematics, Theory of Relativity
7. **Courses taught UG / PG / Diploma:** Mathematics (UG)
8. **Research Guidance:** Nil
9. **Projects:** Nil
10. **Patents:** Nil
11. **Consultancy and Technology transfers:** Nil
12. **Research Publications:**
 1. **Bianchi Type-III Cosmological Model with Quadratic Equation of State.** The African Review of Physics (2015) **10**: 0009 65
 2. **Early Decelerating and Late Time Accelerating Bianchi Type-V Cosmological Model with Quadratic Equation of State in General Relativity.** International Conference on Frontiers in Mathematics 2015 March 26-28, 2015, Gauhati University, Guwahati, Assam, India

3. **Plane Symmetric Cosmological Model with Quadratic Equation of State** Bulg. J. Phys. 42 (2015) 20–28
4. **Higher Dimensional Spherically Symmetric Cosmological Model with Quadratic Equation of State.** *European International Journal of Science and Technology* ISSN: 2304-9693
5. **Bianchi type-I cosmological model with quadratic equation of state.** *Astrophys Space Sci* (2015) 357:20
6. **Bianchi Type-VI_h Cosmological Model with Quadratic EOS in f(R, T) Theory** in *International Journal of Scientific Research in Science and Technology* in Jan 2021

13. Workshops / conferences Attended:

- Attended a National Workshop on Computational methods in Engineering and engineering sciences organized jointly by MITCOE, Pune and IIT Bombay (21-24 Dec. 2009).
- Refresher Course for teacher of Applied Sci & Engg. Maths, 27 June-1 July (2007).
- Basic MATLAB course completed.
- International Conference on Mathematical Sciences. December, 28 -31, 2012.
- International Conference on General Relativity -2015
- International Conference on recent Advances in Mathematics, January 20-23, 2014
- **d+1 dimensional Spherically Symmetric Cosmological Model With Quadratic Equation of State** International Conference On Recent Advances In Mathematics. January 20- 23, 2014
- Magic Mathematics Rajasthan Technical University ,Kota One day.12th Sept.2020 online
- STTP TEQUIP-III (online) on **Pandemic and Socio-economic determinants-the uses, Mathematics and Computations behind the modeling to inform decision makers** NIT Uttarakhand International 1week--8-12 February 2021



1. Name: Dr. Vikram Sharad Athalye

2. Date of Birth: 30 / 01 / 1976

3. AICTE Unique ID: 1-435541146

4. Qualification: M.Sc. Ph.D. (Physics)

5. Work Experience: Teaching: 20 years
Research: 10 years

6. Area of Specialisation: Foundations of Quantum Theory, Quantum Information

7. Courses taught UG/PG/Diploma: Physics (UG)

8. Research Guidance: Nil

9. Projects:

- 1) Offered an appointment as a visiting scientist at Institute of Quantum Computing (IQC) at University of Waterloo and received CAD \$ 15000 from IQC-UW - as Honorarium + to-and-fro travel expense reimbursement (CAD \$ 2000) from May 1, 2012 to 31 July, 2012.
- 2) Invited to give a talk in the international conference 'The Time Machine Factory 2015', organized by University of Turin, Italy (25-28 October 2015). name of Talk was: 'Space time: pre-existing classical label vs. acquired quantum observable' on Oct. 26, 2015.

10. Patents: Nil

11. Consultancy and Technology transfers: Nil

12. Paper Presented/ Published:

1. Superpositions of Chiral States in the presence of electric dipole, magnetic dipole and electric quadrupole interactions, J. Chem. Phys. 122, 174302 (2005) Vikram Athalye & Arvind Kumar.

2. Stationary states of pyramidal molecules coupled to an electromagnetic field below and above the critical pressure, *J. Phys. A: Math. Gen.* 38, 8239 (2005) Vikram Athalye & Arvind Kumar.
3. Decoherence of superposition of molecular chiral states due to Rayleigh scattering, *J. Phys. B: At. Mol. Opt. Phys.* 39, 2633 (2006) Vikram Athalye & Arvind Kumar.
4. Evolution of coherence between the Jaynes – Cummings Eigenstates in the presence of repeated occupancy measurements: The Case of Resonant Coupling [Xiv.org: quant-ph/0710.3662v1](https://arxiv.org/abs/quant-ph/0710.3662v1) (2007) Vikram Athalye.
5. Investigation of the Leggett-Garg Inequality for Precessing Nuclear Spins, Vikram Athalye, Soumya Singha Roy, and T. S. Mahesh, *P H Y. R E V. L E T T.* 107, 130402 (2011).
6. Invited talk (The de Broglie – Bohm theory & the problem of Time) delivered at the conference entitled “Quantum Information Revolution – Impact to Foundations” at the Linnaeus University, Vaxjo, Sweden, from 9 to 14 June 2019.
7. Fully sponsored visit as faculty to “Faculty of Business Administration” of Memorial University St. John’s, Canada from 11 to 15 November 2019..
8. Socio-Economic Sciences: Beyond Quantum Math-like Formalisms *Quantum Rep.* 2021, 3(4), 656-663; Vikram Athalye , Emmanuel Haven

13. Workshop Attended:

- “100 Years of Electron – 50 Years of Transistor”, India. December 1997 Department of Physics, University of Mumbai,
- “50 Years after Einstein – Some foundational topics” March 2005 Department of Physics, Thakur College, Mumbai, India
- Coherent Control of Ultra cold Molecular Processes, Organized by ITAMP, Harvard, USA and Dept. of Physics and Chemistry, University of British Columbia, Vancouver, Canada from 1 – 4 /AUG/ 2007
- Use of Trapped Cold Molecules for the purpose of Quantum Computation and Quantum Information Processing Organized by Institute for Quantum Optics and Quantum Information, University of Innsbruck, Innsbruck, Austria from 3 – 24 Dec. 2007



1. Name: Dr. Manisha Jail

2. Date of Birth: 08 / 02 / 1967

3. AICTE Faculty Unique ID: 1-435394575

4. Educational Qualification: M.Sc. B.Ed. Ph.D.

5. Work Experience: Teaching: 30 years
Research: 4 years

6. Area of specialization: Pesticide Chemistry

7. Courses taught: Diploma/Post Diploma/UG/PG: UG

8. Research Guidance: Nil

9. Projects carried out: Nil

10. Patents: Nil

11. Consultancy and Technology transfers: Nil

12. Research Publications:

1. Studies on physic-chemical properties of commercially available EC formulations of cypermethrin and chlorpyrifos pesticides : International Journal of Engineering Research and Technology (IJERT) ISSN: 2278-0181 Vol.2 Issue 8, August-2013

2. Evaluation of effect of different pesticides on pigeon pea using statistical tools in field experiment.: IOSR Journal of Environmental Science, Toxicology and Food Technology e-ISSN:2319-2402, p-ISSN: 2319-2399 Volume: 8 (Version-1)
3. Studies On The Impact Of Pesticides On Soil Microbial Respiration : International Journal of Plant, Animal and Environmental Sciences(IJPAES) ISSN-2231-4490, Volume-5, Issue-1, Jan-March-2015, Coden : IJPAJX-USA
4. Bio- efficacy and Relative Performance of Chlorpyrifos and Cypermethrin against Pod Borers Infesting Pigeon Pea. IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS)e-ISSN:2278 - 3008, p - ISSN:2319-7676. Volume 13, Issue 2 Ver. III (Mar. – Apr. 2018), PP 80- 84

13. Workshops Attended:

- Poster presented on Herbal Pesticides in International conference on Business Opportunities in life sciences, organized by Modern college of arts, science and commerce, Shivajinagar, Pune on : 28th to 30th Jan 2012.
- Paper presented on Algae as a source of biofuel An Overview in National conference on Energy and sustainable development organized by College of Engineering, Shivajinagar, Pune on : 28th to 29th Feb. 2012.
- Poster presented on Gas chromatographic methods used for synthetic pyrethroids and organophosphate pesticides analysis : An overview in International conference on Global opportunities for latest developments in chemistry and technology 2014 (GOLD-CT-2014) organized by North Maharashtra University, Jalgaon on 6th Feb to 8th Feb 2014
- Poster presented on Study of impact of pesticides on soil micro-flora in National conference on Advances in chemical sciences with special reference to molecular spectroscopy, material science and organic electronics organized by Fergusson College, Deccan Gymkhana, Pune on 19th and 20th Dec. 2014.
- Refresher course for teachers of Applied Science and Engineering Maths at Smt. Kashibai Navale College of Engineering: 23rd June to 27th June 2003.
- STTP at Chennai, Organized by Dr. M.G.R. Edu. & Research Institute on Comparison & analysis of conventional, electrochemical & biochemical pathways of chemical processes: 17th Nov to 29th Nov. 2003.
- Refresher course At Kashibai Navale college Pune-41, 27th June to 1st July 2000
- Syllabus revision Engineering Chemistry for first year engineering at MIT, Pune on 14th August 2008.
- Syllabus revision Engineering Chemistry for first year engineering at Marathwada Mitra Mandal's college of Engineering Pune on 5th Jan 2009.

- Workshop Spectrum on Developing multi corp. in teachers VIIT Pune on 6th Dec. to 10th Dec. 2010
- International conference on Business opportunities in life sciences, by Modern college of arts, science and commerce, Shivajinagar, Pune: 28th to 30th Jan 2012.
- National seminar on Newer trends in chemical research and writing of scientific research paper, organized by Modern college of arts, science and commerce, Ganeshkhind, Pune on 2nd to 4th Feb. 2012.
- National conference on Energy and sustainable development organised by College of Engineering, Shivajinagar, and Pune on: 28th to 29th Feb. 2012
- International conference on Global opportunities for latest developments in chemistry and technology 2014 (GOLD-CT-2014) organized by North Maharashtra University, Jalgaon on 6th Feb to 8th Feb 2014.
- National conference on Advances in chemical sciences with special reference to molecular spectroscopy, material science and organic electronics organized by Fergusson College, Deccan Gymkhana, and Pune on 19th, 20th Dec. 2014.
- Attended Faculty Development Program (TEQIP) on fundamentals of counseling during 23-28 June 2014 at COEP.
- International conference on Global opportunities for latest developments in chemistry and technology 2014 (GOLD-CT-2014) organized by North Maharashtra University, Jalgaon on 6th to 8th Feb 2014.
- National conference on Advances in chemical sciences with special reference to molecular spectroscopy, material science and organic electronics organized by Fergusson College, Deccan Gymkhana, and Pune on 19th, 20th Dec. 2014.
- Attended Teacher training workshops (1,2,3) as a part of Royal Society of Chemistry Yusuf Hamied inspirational chemistry programme on 17th & 18th Feb. 2017, organised by Dept. of Chemistry, SPPU, Pune.
- Attended one week FDP on "Inculcating Universal Human Values in Technical Education" organized by AICTE, from 18 Jan. 21 to 22 Jan. 21.
- Attended one week FDP on "Design Thinking" by AICTE Training And Learning (ATAL) Academy organized by Vidyalankar Institute of Technology, Mumbai, from 7-12-2020 to 11-12-2020.
- Attended AICTE sponsored Phase III STTP on "' Writing and Publishing High Impact Research Publication and Scientific Document.'" Organized by Department of Information Technology, Rajlakshmi Engineering College, Chennai, from 19th Oct. To 24th Oct. 2020.
- Attended one week FDP , Organize3d by K.J. Somaya Institute of Engineering and Information Technology, Mumbai in association with RUSA on "Stratergies for sustaining Quality Culture in Autonomus Colleges" from 21st June to 25th June 2021.

- Attended one week FDP on “Accelerating Innovations in Material Science – Surface Characterization.” Organized by Department of Chemistry, BMS Institute of Technology and Management, Bengaluru, from 18th to 22nd May 2021.
- Attended in Online Faculty Development Program (FDP) on “Art of Research Paper Writing And IPR” organized by First Year Engineering Department of PCET’s Pimpri Chinchwad College of Engineering (PCCOE, Nigdi), Pune between 25th -27th May 2020.
- Attended one week FDP on “ Modern Educational Tools and Pedagogical Practices for online Teaching” organized by First Year Engineering Vidyalankar Institute of Technology, Mumbai from 21st to 25th June 2020.
- Attended one week National Level Online Faculty Development Program (FDP) on “FRONTIERS OF CHEMISTRY” from 03rd to 07th November 2020 organised by Department of Engineering Sciences, AISSMS Institute of Information Technology, Pune- 01.
- Attended STTP , TEQIP on “Sustainable Plastic Management”, organized by College of Engineering, Pune from 11th Jan. To 15th Jan 2021.



1. Name: Prof. Namrata Karandikar

2. Date of Birth: 28 / 09 / 1974

3. AICTE Faculty Unique ID: 1-435394733

4. Educational Qualification: M.Sc. Mathematics

5. Work Experience: Teaching: 23 years

6. Area of specialization: Mathematics, Applied mathematics

7. Courses taught: Mathematics (UG, PG)

8. Research Guidance: Nil

9. Projects carried out: Nil

10. Patents: Indian patent has been granted for an invention entitled "A method and an apparatus for data compression including encryption for file Transfer" Patent No. 285348.

11. Consultancy and Technology transfers: Nil

12. Paper Presented/ Published:

1. Research paper published at NCRTAM 2003, in National Conference on Recent trends in Applied Mathematics at Coimbatore in May 2003.

13. Workshop conducted and attended:

- Convener for one day state Level workshop on "Applications of Mathematics in Engineering Stream" held on 26th Nov. 2016.

- National conference on Discrete Mathematics, Algebra & Analysis, Pune Univ. Completed—MATLAB Training Course at COEP, Pune.
- Attended—Mathematical Modeling in Engg, Systems Sponsored by AICTE- ISTE at D. Y. Patil College of Engg, Ann Tech.
- Attended one day workshop on — Engineering Mathematics-III (Revised 2012) organized by SCOE and Board of Studies , University of Pune.
- Attended National Workshop on Computational Methods in Engg and Engg Sciences organized by MITCOE, Pune and IIT, Bombay in 2009.
- Attended a workshop on college annual at University of Pune on 11sept.2009.
- Attended national seminar on— Mathematics on Computer Engg on 21st and 22nd April 2009 at Sinhadgad college of Engg, Pune.
- Attended one day workshop on — Engg Mathematics I and Examination Reforms (Revision 2012)' on 31st July 2012, held at PICT, Pune 43.
- Attended TEQIP Sponsored Faculty Development Program on 'Nanomaterials and Nanocomposite held at COEP, during 2nd to 6th Dec. 2013.
- Attended Faculty development Program (TEQIP) on Fundamentals of Counseling during 23- 28 June 2014 at COEP.
- Attended Webinar on "Vedic MATHematics" organized by Dept. of Sciences, K.J. Engg. and Management Research , Pune 48 dated 16 June 2020.
- Completed Online STTP(Short term training program) on " LaTeX for Everyone" organized by Dept. of Engg. Sciences, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai from 18 June to 20 June 2020.
- Completed online FDP on "Modern Educational Tools and Pedagogical Practices for Online Teaching" organized by VIT, Mumbai from 21 June to 25 June 2020.
- Attended Webinar on " E-content" oranizes by IIDE on 25 June 2020.
- Completed One Week Hands-on Online Faculty Development Program on “Use of Moodle as LMS” to earn Competency of Gnomio Moodle Creation for OBE from 26th June to 3rd July 2020 Organized by Pedagogy Cell of Cummins College of Engineering for Women, Pune.
- “Online Assessment Tools” of National Webinar on “ICT Tools for Teaching-Learning” organised by Internal Quality Assurance Cell, St. Xavier’s College (Autonomous), Palayamkottai, Tamilnadu. On 23rd July 2020.



1. Name: Prof. Manjiree Kolhatkar

2. Date of Birth: 13/11/1971

3. AICTE Faculty Unique ID: 1-435394737

4. Educational Qualification: B.E. Civil Engineering

5. Work Experience: Teaching: 28 years

6. Area of specialization: Construction Management

7. Courses taught: Diploma/Post Diploma/UG/PG - UG

8. Research guidance: Nil

9. Projects carried out: Nil

10. Patents: Nil

11. Consultancy and Technology transfers: Nil

12. Research Publications: Nil

13. Workshop Attended:

- Software in advertising at Arora Towers (1996) 1 day Seminar
- Seminar on UNIX at Cummins College (1995) 3 days.
- Seminar on Bharatiya Traditional Techniques at Institute of Engineers, Nagpur
7th Feb.2004

- Workshop on Application of Geo informatics in water sector- at Khadakwasla, Pune 10 days 9th May to 19th May 2006.
- Workshop on Revised syllabus (2008) BCEE at Raison College, Wagholi 9th April 2008
- Attended 2 days workshop on revised syllabus of the subjects Mechanics on 8th, 9th April 2009 at VIIT Pune.
- One day workshop on Online and regular theory examination of Engg. Mechanics on 9th March 2010 organised by Sinhgad College of Engg.
- Attended one week workshop on Finite elements in Engg. From 9th July to 13th July 2012
- ISTE workshop on Aakash for Education on 10th and 11th November 2012 Conducted by IIT Bombay.
- One day orientation course by Cummins India Ltd on Six Sigma familiarization on 13th December 2012.
- Attended one week short term Programme under TEQUIP on Fundamentals of Counseling at COEP from 23rd July to 28th July 2014.
- Attended FDP by IIT Bombay on Use of ICT in Education for Online and Blended Learning from 2nd May to 10th June 2016
- Attended one week STTP under TEQIP on "Sustainable Construction Engineering for Smart City Development" organized by VNIT, Nagpur from 14th to 18th March 2017.
- One week FDP on Geo-sciences in Engineering 2020 Govt. College of Engg. Karad National 09th-13th June 2020 Online
- Three Weeks online course on "Remote Sensing & GIS Technology and Applications for University Teachers & Govt. Officials" Indian Institute of Remote sensing, Dehradun, Govt. of India International 13th June - 1st July 2020 Online.
- One week STTP on "potential and challenges for integrating 5G Networks and IOT Applications in Smart city Environment" Hindustan College of Engg and Technology, Coimbatore National 16th - 21st Nov 2020 Online
- One Week STTP on "Moral, Ethics and Values in Education" Govt. Polytechnic, Nagpur National 23rd - 28th Nov 2020 Online



1. Name: Prof. Aparna Pai

2. Date of Birth: 26/02/1977

3. AICTE Faculty Unique ID: 1-435394911

4. Educational Qualification: B.E. (Civil Engineering)

5. Work Experience: Teaching: 15 Years

6. Area of specialization: Structural Engineering

7. Courses taught: UG

8. Research guidance: Nil

9. Projects carried out: Nil

10. Patents: Nil

11. Consultancy and Technology transfers: Nil

12. Research Publications: Nil

13. Workshop Attended:

- One day workshop on implementation of revised syllabus of the subjects B.C.E.E. and E. M. for F.E. of university of Pune at Rasoni institute of engineering and technology on 9th April 2008.
- Two days workshop on effective teaching for revised syllabus of engineering mechanics at VIIT college on 8th and 9th of Jan.2009

- One day workshop on Online and regular theory examination of E.M. at Sinhgad College of Engineering on 9th march 2010.
- One week workshop on finite elements in engineering'(TEQIP approved) at COEP, Pune from 9th July 13th July 2012 organized by civil department.
- Attended one week short term training program under TEQIP on Fundamental of Counseling at COEP from 23rd July - 28th July 2014.
- Advances in civil and structural engineering Govt college of Engineering, Karad on 15 – 19 June 2020 National.
- Moral Ethics and Values in Education Government Polytechnic , Nagpur National 5/10/2020 - 10/10/2020 Online
- AICTE sponsored STTP on Emerging applicaton of GIS (EAGIS 2020) Phase 3 AISSMS COLLEGE, PUNE AISSMS COLLEGE, PUNE 14/12/20-19/12/20 Online
- FDP on "Inculcating Universal Human Values in Technical Education" organized by AICTE. AICTE sponsored National from 1 st Feb 2021 to 5 th Feb 2021. Online
- Webinar on Application of geoinfirmatics in Environmental issues Indian water works Association , Amaravati 1 day, 5/12/20 National Online



1. Name: Dr. Malini Shashank Bapat

2. Date of Birth: 4/ 08 / 1971

3. AICTE Faculty Unique ID: 1-435394915

4. Educational Qualification: SET (Chemistry), Ph.D.

5. Work Experience: Teaching: 22 years
Research: 10 years

6. Area of specialization: (i) Analytical Chemistry (ii) Nanomaterials

7. Courses taught: Diploma/Post Diploma/UG/PG

(i) PG: M.Sc. Analytical Chemistry (Bombay Univ.)

(ii) UG: B. Sc Chemistry (JNU)

(iii) UG: Engg. Chemistry, (SPPU)

(iv) UG: B. Tech, (Chemistry)

8. Research guidance UG:

1. Durga Tilak T.E. (Mech) for Eaton Awards (Rs 60,000/-) for UG – (Dots, Spots & Glow. A Green Initiative – quantum dots)

2. Poster presentation by Ms Diksha Sinha (T.E. E&TC) “to relate the efficacy of a natural and synthetic sensitizer on a DSSC” at the International Photovoltaic Solar Energy Conference (IPSEC) - Solar Asia 2015 from 30th July- 1st Aug , 2015 at Dept. of physics, University of Pune.

9. Projects carried out:

1. Received BCUD Research grant of **Rs. 1,10,000/-** for project entitled “**Biosynthesis of nanoparticles and its applications**” Status: Completed (2012- 14).

2. **Working towards better photoanodes and dye-sensitizers for efficient solar cells** **Funded By:** Cummins College of Engg for Women, Pune , Sanctioned :- Rs. 22,000/- Status:- Completed (2014-15).
3. Principal Investigator for the project: 'Extraction of Si from rice husk' funded by Swaroop Agrochemical Industry, Nashik, Amount Rs.1,56,874/- for a duration of one year (Jan 2019-2020).

10. Patents:

Granted: Complete specification of patent entitled "**A method to treat bacterial blight**" filed by **M.S. Bapat & Sameer Pathare.**(July 2020)

11. Consultancy and Technology transfers:

Principal Investigator for Industry sponsored Consultancy Project on '**Quick effective method for nanoparticles for Agrochemicals**', for Swaroop Agrochemicals, for **Rs. 2,54,000/-** July 2015-16 Nashik. Status :- Completed.

12. Research Publications in Journals:

- 1 **A soft solution process to synthesize nanocrystalline barium zirconate via reactive solid state precursors.** Athawale, Anjali A.; Bapat, Malini.,**Journal of Metastable and Nanocrystalline Materials** (2005), 23, 3-6. Publisher: Trans Tech Publications Ltd.
- 2 **A rapid hydrothermal synthesis route for nanocrystalline SrZrO₃ using reactive precursors.** Athawale, Anjali .; Chandwadkar, Asha; Karandikar, P.; Bapat, Malini, **Materials Science & Engineering, B: Solid-State Materials for Advanced Technology** (2005), B119(1), 87-93. Publisher: Elsevier B.V.
- 3 **Radiation assisted synthesis of nanosized barium zirconate.** Athawale, Anjali A.; Chandwadkar, Asha J.; Karandikar, Prashant; Pasricha, Renu; Bapat, Malini S. Department of Chemistry, University of Pune, Pune, India. **Radiation Physics and Chemistry** (2006), 75(7), 755-759. Publisher: Elsevier Ltd.
- 4 **Lanthanum-Based Perovskites as Exhaust Gas Sensors:** Anjali Athawale, Malini S. Bapat, Prashant K. Sahu, University of Pune, Pune, India.**Encyclopedia of Sensors**, Chapter LO6, volume 5 (I-M),215- 244, (2006) American Scientific Publishers.
- 5 **Synthesis of Nanocrystalline PZT by hydrothermal method:** **A.A. Athawale and Malini Bapat, Defence Sci. J., 57, (2007), 35.**
- 6 **Hydrothermal preparation of BaSnO₃ and Au- BaSnO₃nanorods,** A.A. Athawale, M.S. Bapat and P.A. Desai, **Journal of NanoScience and Nanotechnology**, 8, 1, (2008). American Scientific Publishers.

- 7 **Hydroxide directed novel routes to synthesize nanosized cubic ceria (CeO₂)** A. Athawale, M. S. Bapat, P. A. Desai, **J. Alloys and Compounds**, 484, Issues 1-2, 18 September 2009, Pages 211-217. Publisher: Elsevier Ltd.
8. Barium Titanate/epoxy resin composites as Microwave Absorber Material in X- band frequency range, M. Murugan, V.K. Kokate, A.A. Athawale, M.S. Bapat and Mohammed Al Housami , *Bull. Mater. Sci.*, Vol. 33, No. 6, Dec. 2010, pg. 657–662.
9. **Synthesis, Characterization and Evaluation of Reflectivity of Nanosized CaTiO₃ / EpoxyResin Composites in Microwave Bands**, M Murugan, V. K. Kokate, M. S. Bapat, **Bull. Mater. Sci.**, Vol. 34, No. 4, July 2011, 699–704.
10. **Composites of nanosized strontium titanate epoxy resin as microwave absorber. Journal of Electromagnetic waves and applications, Springer**, M. Murugan, M. S. Bapat, V. K. Kokate, **ISSN:0920-5071(Print)1569-3937(online), 2015-16.**
11. Evaluating green silver nanoparticles as prospective biopesticides: An environmental standpoint MS Bapat, H Singh, SK Shukla, PP Singh, DVN Vo, A Yadav, A Goyal, *Chemosphere*, Volume 286, Part 2, January 2022, 131761.

13. Conference / Workshops

- Presented paper entitled, “A Soft Solution Process to Synthesize Nanocrystalline Barium Zirconate via Reactive Solid State Precursors,” Anjali A. Athawale and Malini Bapat at the **2nd** International Conference on Materials for Advanced Technologies (**ICMAT 2003**) in Suntec, Singapore, on 11th Dec., 2003.
- Participated in the ‘National Workshop on Advanced Methods for Materials Characterization’ (**NWMC**) organized by Materials Research Society of India (MRSI-Mumbai Chapter) from Oct.11-15, 2004 at BARC, Anushaktinagar, Mumbai.
- A Paper entitled, “Acoustic wave stimulated novel synthesis route for nanosized ferroelectric barium titanate” by Anjali A. Athawale, Malini S. Bapat and Vijay B. Shinde was presented at the **Metavista**, (Pune chapter) at the Govt. College of Engineering, Pune on 16th Feb., 2005.
- Participated in the 16th AGM of the Materials Research Society of India (**MRSI**) at the NCL, Pune during 10th-12th Feb. 2005 under the auspices of MRSI (Pune Chapter).
- Attended a One day National Workshop on ‘Nanoscience and Nanotechnology’ organized by the Dept of Physics, University of Pune, Pune on 4th Feb. 2006.
- Attended a One day National Workshop on ‘Application of Nanomaterials in the field of High energy materials’ organized by HEMSI at HEMRL, Pune on 4th Mar. 2006.
- Presented a poster entitled, ‘A designed hydrothermal synthesis of Nanocrystalline lead titanate by means of reactive precursors’ by Anjali A.

Athawale, Malini S. Bapat, at the International Conference on Nanoscience and Nanotechnology (**ICONSAT**), organized by DST and IIT, Delhi at the India Habitat Centre, N. Delhi from the 16th-18th Mar. 2006.

- Paper entitled, 'Nanocrystalline lead zirconium titanate by means of hydrothermal synthesis' presented by Anjali A. Athawale and Malini S. Bapat at the 'National Seminar on Advanced Electroceramics' (**NSAE-2006**) organized by the DRDO Center for Piezoelectric Devices, ARDE, Pashan, Pune on the 5th & 6th May 2006.
- Poster presentation entitled, " Nanostructured Titanate powders by Hydrothermal route" (B-186) by Anjali A. Athawale and Malini S. Bapat at International Conference- **NANO-2006** in IISc., Bangalore held in Oct. 2006.
- Poster presentation entitled, " BaSnO₃ and Au-BaSnO₃ nanorods; Application as CO gas sensor" Anjali A. Athawale, Malini S. Bapat and P.A. Desai, in the International Conference on Advanced Nanomaterials (**ANM**) at IIT Powai, Mumbai from 8-10 Jan. 2007.
- Poster presentation of paper by Anjali A. Athawale, Malini S. Bapat and P.A. Desai, entitled, " Hydroxide directed novel route to synthesize nanosized cubic ceria (CeO₂)" at International Conference on Nanomaterials and its applications (**ICNA 2007**) held from 4th-6th Feb. 2007 in NIT, Tiruchirapalli.
- Oral Paper presentation, "Effect of mineralizer on hydrothermal synthesis of perovskite oxides" at the 10th International Conference on Advanced Materials (**IUMRS-ICAM 2007**) held in Bangalore, India from 8th-13th October, 2007.
- Oral Paper presentation by M. Murugan, V.K. Kokate, A.A. Athawale, M.S. Bapat and AHM Alhousami entitled, " Nanoparticles of barium and strontium titanates/Epoxy resin as microwave absorbers" at the 10th International
- Conference on Electromagnetic Interference and Compatibility (**INCEMIC 2008**) held at Nimhans convention centre, Bangalore, India on 26-27th Nov., 2008.
- Oral Paper presentation M. Murugan, V.K. Kokate, A.A. Athawale, M.S. Bapat and AHM Alhousami entitled, "Composites of barium titanate/epoxy resin synthesized in different concentrations as microwave absorber" at the IEEE International Symposium (**IEEE 2008**) on microwaves held in Bangalore from 3-6 Dec. 2008.
- Attended a three day International Workshop on Nanotechnology and Advanced Functional Materials (**NFAM 2009**) held at National Chemical Laboratory, Pune on July 9-11, 2009.
- Workshop on FE Syllabus implementation (2008-09 course) for the subject Applied science- Chemistry conducted on 5th Jan. 2009 by Marathwada Mitra Mandals, College of Engg., Pune – 52.
- Attended a One day Workshop on, '**Molecular Electronics**' organized at Cummins College of Engg. for Women, Pune – 52, on 8th Aug. 2009.
- Completed Wipro's **Mission 10X** certificate programme for High Impact Teaching skills (Dale Carnegie) at COEP, Pune from 26th -30th July , 2010.

- Organised “**Entanglement – 2011**”, Intercollegiate Paper presentation (Sponsored by BCUD, UoP and Cummins COE) at Cummins COE, Pune, on 28th Feb. 2011.
- Attended a one week workshop on MEMS Technology and Simulation practices at Cummins COE organized by Cummins COE and Electronic ScDeptt., UoP from 14-19 Nov. 2011.
- One week FDP on 'Advanced Materials for Engg. Applications' under TEQIP-II from 10-14 Dec. 2012 at Sinhgad College of Engineering, Pune.
- Poster presented on, “A Study of Plant mediated Synthesis of Nanoparticles” at National Conference on BioEngineering Sciences: Present Status and Future Perspectives (NCBES-13) organized by COEP on 15, 16 March 2013.
- Attended TEQIP FDP “Nanomaterials and Nanocomposite” at COEP, 2-6 Dec 2013.
- Attended Two Days “Impact of Chemistry on Nanotechnology (i-CNT-2013)” 28-29 Oct. 2013 at DIAT Pune.
- Participated in “Preparation Course for Patent Agent Examination (Patent act, Procedure and Drafting)” 17 Feb -1 April 2014 at Venture center Pune (NCL).
ISTE 2 weeks FDP on “Computer Programming” between 18 May-22 July, 2014 at IIT Bombay under NMEICT.
- Participated in two week ISTE STTP on Environmental Studies by IITB from 2-12 June 2015 under ICT at Symbiosis Instt of Comp. Studies and Research, Pune.
- Oral Paper presentation, “Interaction of silver nanoparticles embedded in Ocimum tenuiflorum phytols against xanthomonas species”, at the 254th American Chemical Society's (ACS) National Meeting at Washington DC on 20th Aug. 2017.
- NPTEL online certification by IIT Roorkee on ‘Structural Analysis of Nanomaterials’ in Aug-Sept 2018.
- STTP on Sustainable Plastic Management COEP, TEQIP III National 11-15 January 2020 Online
- Online FDP on "AICTE-Examination Reforms" Cummins College of Engineering, Pune, 4 days, 12 th , 19 th , 26 th Sept. & 3 rd Oct. 2020
- NPTEL certification on 'Nanotechnology in Agriculture' IIT Kanpur HRD, GOI (8 weeks) Sep-Nov 2020 Online
- Webinar on Education Policy Cummins COE, Pune College level National Online 25th Sept. 2020
- FDP on "Inculcating Universal Human Values in Technical Education" AICTE, New Delhi 18th Jan- 22 Jan 2021 National Online 5-10 Oct 2020 Online
- STTP on “Developing Pedagogy for Effective Implementation of Outcome based Education in Engineering Institutes” AICTE sponsored PICT, Pune.
- STTP on “Morals, Ethics and values in Education” AICTE sponsored Govt Polytechnic Nagpur 5-10 Oct 2020 Online
- STTP on “Writing and Publishing high impact Research papers and Scientific documents” AICTE sponsored Rajalakshmi Engineering college, Chennai



1. Name: Prof. Milly Thomas

2. Date of Birth: 01 /06 /1963

3. AICTE Faculty Unique ID: 1-441623431

4. Educational Qualification: M.E (Power System)

5. Work Experience: Teaching: 20 years
Industry: 6 years

6. Area of specialization: Power System

7. Courses taught: UG

8. Research Guide: Nil

9. Projects: Nil

10. Patents: Nil

11.Consultancy and Technology transfers: Nil

12. Paper Presented/ Published:

1. Presented a technical paper on An Application of ANN Techniques for Economic Load Dispatch, IEEE conference on AI Tools in Engineering

13. Workshop Attended:

- IEEE conference, National level, on AI Tools in Engineering, 6-8 March 2008
- Mission 10X , High Impact Teaching skills, 26- 30 July 7/2010
- STTP on Research methodologies and Mathematical modeling 11/03/10-15/03/2010

- Discussion on Syllabus of Electrical Technology , 20/01/2010
- Two week Induction Program 23rd April to 5th May 2012
- International workshop on complex Analysis 11/06/2012 to 15/06/2012
- Workshop on 'Scientific Computation on General purpose GPU' 18/06/12 to 4/07/12
- Workshop of SE (Mech) Engineering Revised Syllabus 2012 on 13/12/2013
- TEQIP Sponsored Faculty Development Programme, 12/05/2014 to 16/05/2014
- National Conference on the advances in Computer Science & Information Technologies held on 29th & 30th December 2017 sponsored by Savitribai Phule Pune University, Pune under QIP organized by Dept. of Computer Science.
- Webinar on " Virtual Labs : Effective Tool for Teaching and Learning held on 10th July 2020, Organized in association with AICTE & Virtual Lab, Centre for System Design, NITK Surathkal.
- TEQIP III, Sponsered FDP on “Algorithms and Techniques for Signal Processing”, jointly organised by College of Engineering, Pune (COEP) and Manipur Technical University (MTU), Imphal dt. 14 – 18 July 2020
- Two Weeks FDP on Artificial Intelligence & Machine Learning using Python dt. 13 - 24 July 2020
- One Week Hands-on Online Faculty Development Program on “Use of Moodle as LMS” to earn Competency of Gnomio Moodle Creation for OBE, Organized by Pedagogy Cell of Cummins College of Engineering for Women 26th June to 3rd July 2020
- Moral Ethics and Values in Education Government Polytechnic , Nagpur National Online, 5 – 10 Oct. 2020
- FDP on OUTCOME BASED EDUCATION PVG , Pune National Online 3 Days, 6th to 8th Oct. 2020
- FDP on AICTE - Examination reforms held organized by CCOEW, Pune between 12th, 19th, 26th Sept. and 3rd Oct. 2020 Writing and Publishing High Impact Research Publications and Scientific Documents Rajalakshmi Engineering College, Anna University National Online 2 – 7 Nov. 2020
- Potential and Challenges for Intergrating %G Networks and IOT Applications in Smart City Environment Hindustan College of Engineering and Technology National Online 16 – 21 Nov.2020
- One week Online FDP on Incalculating Universal Human Values in Technical Education” (AICTE) , 18 – 22 Jan 2021



1. Name: Prof. Sangita Gambhir

2. Date of Birth: 13 / 05 / 1977

3. AICTE Faculty Unique ID: 1-435541268

4. Educational Qualification: M.Sc. Mathematics, SET, Registered for Ph.D.

5. Work Experience: Teaching: 22 years

6. Area of specialization: Computational Mathematics

7. Courses taught: Mathematics (UG, PG)

8. Research Guide: Nil

9. Projects: Nil

10. Patents: Nil

11. Consultancy and Technology transfers: Nil

12. Paper Presented/ Published: Nil

13. Workshop Attended:

- Attended STTP special Methods of Teaching Engineering Mathematics at AISSMS, COE Pune from 4th to 17th December 2004.
- Attended STTP on Special Methods of Teaching Engineering Mathematics NITTTR Ext. center, Pune, from 30th May to 10th June 2005.
- Attended Workshop EN-MATHEMATICA the methods of effective Teaching techniques at Sinhgad College of Engg, Pune from 15th to 26th May 2006.

- Attended workshop on Emerging trends in Engg. Mathematics from 19 to 20 July 2008 at MIT College Pune.
- Attended workshop on Some Steps towards Research in Differential Geometry at Pravaranagar, College of Engg. Loni from 11th to 14th Dec. 2008.
- Attended Workshop on Effective Methods of Teaching Engineering Mathematics at Trinity college of Engineering on 10th Jan. 2009
- Workshop on Innovative Teaching Methods in engineering mathematics III at Indira College of Engg. Pune on 11th July 2009.
- Attended National workshop on Computational methods in Engineering. And Engineering. Sciences by MIT, Pune and IIT Bombay from 21st-24th Dec. 2009.
- Attended International workshop on Complex Analysis from 11 – 15 June 2012 at Walchand College of Engg. Sangli .
- Attended two week ISTE workshop on Introduction to Research Methodology from 25th June to 4th July 2012 at Cummins College of Engg. For women, Pune.
- Attended one week workshop on Finite elements in Engg. At COEP, Pune from 9th July to 13th July 2012.
- Attended one week workshop on significant Role of Mathematical Analysis in Sciences and Engineering at SVNIT, Surat from 30th Sept to 4th Oct 2013.
- ISTE two week workshop on 'Computer Programming' organised by IIT Bombay at Cummins college of Engg. From 18th May to 22nd June 2014
- Workshop attended State level seminar on "Exploring Effective Pedagogies in Mathematics" on 9th January 2016 organized by Department of Mathematics, Modern College, Ganeshkhind, Pune under QIP of S.P.P.U., Pune.
- One day state level workshop on "Linear algebra and Applications" sponsored by S.P.P.U. and organized by Department of Mathematics, S.P. College, Pune held on 13th Feb., 2016.
- FDP on "Use of Moodle as LMS" between 26 June -3 July 2020
- FDP on "Art of Research Paper Writing And IPR" between 25-27 Sept. 2020
- FDP on " Graph Theory- A Research View" on 26-May-20
- Two week FDP on " Effective Use of ICT tools in Online teaching" between 22 June - 4 July 2020
- STTP TEQIP-III (National, online) on Linear Algebra and Statistics for Engineers and Scientists

- (LA and SES 2020), Government college of Engineering, Aurangabad, 1 week , 2 - 6th Sept. 2020,
- FDP on “Magic Mathematics” on 12 Sept. 2020
- STTP, TEQIP-III (National, online) on Role of Computational Mathematics in Science and Engineering. Dept. of Mathematics & Humanity, College of Engineering and Technilogy, Bhubaneshwar, India 15th Feb to 19th Feb 2021



1. Name: Prof. Mrunal Moharir

2. Date of Birth: 29 / 09 / 1977

3. AICTE Faculty Unique ID: 1-433701049

4. Educational Qualification: ME (Power Systems)

5. Work Experience: Teaching: 15 years

6. Area of specialization: Electrical power systems

7. Courses taught: Basic Electrical and Electronics Engineering

8. Research Guide: Nil

9. Projects: Nil

10. Patents: Nil

11. Consultancy and Technology transfers: Nil

12. Papers Presented/ Published:

- Real Time Measurement of Power System frequency using DSP 'national conference on smart grids, 19-21 March, 2012, organized by AISSPMS, Pune.
- Real Time Measurement of Power System frequency using DSP 'international conference on electronics and communication engineering held at Pune on 15th July, 2012.

13. Workshops / Conferences Attended:

- STTP on 'Opportunities, Challenges and Scope of Research in Electrical Engineering' organized by AISSMS, IOIT, Pune, 17th-21st January 2011.
- Mission 10x workshop conducted at COEP from 26th July - 30th July 2010.
- Workshop on Modified Teaching Methodologies of Basic Electronics 'organized by Vidya Pratishthan's college of Engineering, Baramati on 29th January 2010.
- 2-week ISTE workshop on solar photovoltaic'12th Dec to 25th Dec 2012 held at PVG COE.
- 2-week ISTE workshop on research Methodology'25th June to 4th July 2012 at CCOEW, Pune.
- FDP on 'Nanomaterials and Nanocomposites' 2nd Dec to 6 Dec 2013 held at COEP.
- FDP on 'Fundamentals of counseling' 23 June to 28 June 2014 held at COEP.
- Three Days National Level Online Faculty Development Program on
- "OUTCOME BASED EDUCATION" PVG CoE 6 - 8 October 2020.' One Day Workshop on Arduino' held at MIT College Of Engineering, Pune, organized by IIT Bombay, on 8 February 2020
- Faculty Development Program on "Algorithms and Techniques for Signal Processing"conducted during 14/07/2020 to 18/07/2020 jointly organised by College of Engineering, Pune (COEP) and Manipur Technical University (MTU) , Imphal and sponsored by Center of Excellence in Signal and Image Processing (COE-SIP) under TEQIP-III.
- NPTEL online certification of the course 'Electric Vehicles'.
- One Week Hands-on Online Faculty Development Program on "Use of Moodle as LMS" to earn Competency of Gnomio Moodle Creation for OBE from 26th June to 3rd July 2020 Organized by Pedagogy Cell of Cummins College of Engineering for Women, Pune.
- One week Online Faculty Development Program on "Promoting Quality Culture in Technical Institutions" from 25 th to 29 th May 2020 Organised by Internal Quality Assurance Cell Under 'UGC Paramarsh Scheme'.
- Online Faculty Development Program on "AICTE - Examination Reforms" conducted on 12 th , 19 th , 26 th Sept. & 3 rd Oct. 2020 organized by Pedagogy Cell of Cummins College of Engineering for Women, Pune
- STTP on 'Security challenges, objectives and issues in IoT enabled smart grids' organised by Center of computing and networking NIT, Kurukshetra, 23-17 September 2020.

- STTP on 'moral, ethics and values in education' organised by Govt. Polytechnic Nagpur, 5-10 October 2020.
- One day online live training on web development on 24 October 2020 conducted by Finland labs – New Delhi



1. Name: Prof. Vishal Deore

2. Date of Birth: 16 /01 /1984

3. AICTE Faculty Unique ID: 1-435541264

4. Educational Qualification: M-Tech (Civil Engineering)

5. Work Experience: Teaching: 11 years

6. Area of specialization: Structural Engineering

7. Courses taught: UG

8. Research Guide: Nil

9. Projects: Nil

10. Patents: Nil

11. Consultancy and Technology transfers: Nil

12. Paper Presented/ Published:

- Effect of target span and configuration on the ballistic limit M.A. Iqbal, P.K. Gupta, V.S. Deore, S.K. Tak, G. Tiwari N.K. Gupta, International Journal of Impact Engineering 42 (2012) 11-24
- Agro-Industrial and Domestic Waste Water Treatment by Using UASB Reactor Science and Engineering Journal Volume 25 Issue 5 - (May 2021) Page No: 13 - 25
- Testing of Silicon Rubber/Montmorillonite Nanocomposite for Mechanical and Tribological Performance Nanomaterials 11(11), 3050 (Nov 2021), 14

13. Workshop / Conferences Attended:

- Two week ISTE Workshop on Fluid Mechanics, by IIT Kharagpur, May 2014
- Two week ISTE Workshop on Computer Programming, by IIT Bombay, June 2014
- Modern Tools and Techniques for effective research and publications Dr. B. R. Ambedkar National Institute of Jalandhar National online 21 to 25 August 2020
- Micro- and Nano-Micromechanics of Solids AICTE sponsored conducted by IIT Indore National online 14 to 19 Dec. 2020
- “Inculcating Universal Human Values in Technical Education” All India Council for Technical Education(AICTE) National online 1 Feb to 05 Feb 2021



1. Name: Prof. Manjusha Bhosale

2. Date of Birth: 10 / 06 / 1980

3. AICTE Faculty Unique ID: 1-426008531

4. Educational Qualification: M.E.(Electrical)

5. Work Experience: Teaching: 11 years

6. Area of specialization: Electrical Power Systems

7. Courses taught: Basic Electrical and Electronics (UG)

8. Research Guide: Nil

9. Projects: Nil

10. Patents: Nil

11. Consultancy and Technology transfers: Nil

12. Paper Presented/ Published:

1. Paper published in June 2013 'Life estimation of SF6 circuit breaker, in Journal of information, knowledge and research in electrical engineering.

12. Workshop/Conferences Attended:

- Attended ISTE Basic Electronics Workshop' organized by IIT Bombay from 8th June to 08th July, 2011
- Attended workshop SE (Mech) revised Syllabus 2012 in 'Electronics and Electrical Engg. at MMCOE on 13 December 2013

- Attended workshop on 'Effective English for Engineering Experts' at COEP between 12-16 May 2014.
- Attended workshop on Nanomaterials Characterization and Applications in Devices at COEP between 7-11 April 2014.



1. Name: Ms. Jyoti Chitale

2. Date of Birth: 11/12/1971

3. AICTE Faculty Unique ID: 1-470535381

4. Educational Qualification: M.Lib.I.Sc., S.E.T., P.G.D.L.A.N.

5. Work Experience: 20 years

6. Area of specialization: Library Science

7. Courses taught: Nil

8. Research guidance: Worked as Field Mentor for PGDLIM-TISS course

9. Projects carried out: Nil

10. Patents: Nil

11. Consultancy and Technology transfers: Nil

12. Research Publications:

- AICTE sponsored National Level Staff Development Programme on “Modern Library Trends” during 9-20 November 2009.
- Presented paper “Human Resource Management in Library of MKSSS’ Cummins College of Engineering for Women: A Case Study” at National Conference on ‘Beyond Librarianship : Creativity, Innovation and Diversity’ organized by BOSLA and CDAC, Mumbai during 1-17 September 2011.
- Presented paper entitled “Innovative practices in Academic Libraries” at National Seminar on ‘Empowering Academic Libraries in Knowledge Society’ during 21-22 December 2011 organised by University of Mumbai.

- A paper entitled “Exploring the possible best practices with special reference to Academic Libraries” presented at NAAC sponsored National Seminar on ‘Best Practices and Student Involvement in Quality Enhancement’ during 5-6 October 2012 organised by Shri Shivaji College, Parbhani.
- Field Mentorship For course PGDLIM conducted by TISS, Mumbai in 2011-12.
- Presented paper on “Soft Skills and Personality Development for 21st Century Librarian” at UGC sponsored National Conference organized by Degloor College on ‘Redesigning Libraries and Information Centers in Digital Era’ during 26-27 December 2012.
- Presented poster on “Essential skills for LIS professionals” at National Convention on Knowledge, Library and Information Networking 2013, organized by DELNET and Malaviya National Institute of Technology at Jaipur during 10-12 December 2013.
- Presented paper entitled “Changing role of Academic Libraries” at National Conference on ‘Changing Trends in Academic Libraries and Librarianship in Digital Environment’ organized by Shivaji University Library Kolhapur during 25-26 February 2014.
- Paper “Promotion and Marketing of Library Services : A case study of MKSSS’ Cummins College of Engineering for Women, Pune” presented at TEQIP II Sponsored National Conference on ‘Reaching the Unreached: Connecting the Library Users and Resources through Innovative Services and Technologies’ during 8-9 August 2014 at Coimbatore.
- BCUD, SPPU sponsored State Level QIP on “Soft Skills: A Key to Professional Excellence” during 8-9 December 2014.
- Presented paper entitled “Use of Information Technology in Libraries” at ‘International Conference on Challenges and Opportunities in Library and Information Science and Academic Libraries’ on 10th December 2016 at Mangaon.
- Presented poster “Enhancing Readership Of Books From Library To Build Better Society” at International Federation of Library Associations and Institution’s IFLA) 84th World Library and Information Congress (WLIC) in Kuala Lumpur, Malaysia during 26th to 30th August 2018.

13. Workshops, Seminars attended:

- SLIM user Meet at MIT School of Management, Pune on 11th Jan. 2008.
- AICTE Staff Development Programme at National Level organised by Sinhgad College of Engineering, Pune during 16-27 June 2008.
- Conference on ‘Role of College Librarian’ at MKSSS’s Shree Siddhivinayak Arts and Commerce Mahila Mahavidyalaya, Pune on 11th December 2008.

- Conference on 'The future of Information Profession : Embedded Librarians and Beyond' at Gokhale Institute of Politics and Economics, Pune on 12th October 2009.
- Workshop on "Importance of Library Services and Users" for MKSSS library staff at CCOEW on 16th May 2009.
- Conference on 'Challenges and Opportunities of Library and Information Science in Digital Era' at Gokhale Institute of Politics and Economics, Pune on 29-30 December 2010.
- UGC sponsored Refresher Course in Library Science organized by Academic Staff College, University of Pune during 28th November to 18th December 2011.
- International conference on 'Electronic Publishing' at University of Pune during 13-15 March 2013.
- TEQIP STTP- TEQUIP II sponsored Workshop on "Developing Websites using Content Management System Joomla" during 22 to 26 December 2014 organized at Walchand College of Engineering, Sangli.
- UGC sponsored Short Term Training Programme on Basic and Advanced Data Analysis using SPSS for Ph.D Scholars organized by HRDC, University of Madras during 7- 11 September 2015.
- UGC sponsored Faculty Development Programme on Research Methodology conducted by UGC HRDC, SPPU during 6- 12 June 2016.
- UGC sponsored Refresher Course in Library Science organised by UGC HRDC, Maharshi Dayanand Saraswati University, Ajmer during 01-21 November 2017.
- SWAYAM Library Science Course completed on "Management of Libraries and Information Centers" conducted during August – December 2017.
- Indian Council of Social Science Research Sponsored Capacity Building Programme for Social Science Faculty Members organised at Dr. Babasaheb Ambedkar Studies Centre, SPPU during 03-16 May 2017.
- NPTEL-AICTE FDP "Developing Soft Skills and Personality" programme completed during August – October 2018.
- UGC sponsored Refresher Course in Library Science organised by UGC HRDC, Allahabad University, Prayagraj during 01-21 December 2018.
- SWAYAM Library Science Course on "Library Automation and Digitisation" conducted during 1st August - 31st October 2019.
- SWYAM ARPIT course on Emerging Trends and Technologies in Library and Information Science(ETTLIS)conducted during 1st September to 31st December 2019.
- TEQUIP III sponsored One Week Online Faculty Development Program on Emerging Techniques in Library and Information Management in Digital Era organized by Central Library, GCE Karad during 8 to 12 June, 2020.

- International Workshop on Designing Digitally Robust Research Libraries for the 21st Century, jointly organized by Jio Institute and AICTE, from the 5th – 9th April 2021
- AICTE Training And Learning (ATAL) Academy Online Elementary FDP on Imparting Soft Skills and Life Skills for Holistic Development from 06/09/2021 to 10/09/2021 at PSGR Krishnammal College for Women.



- 1. Name:** Prof. Sneha Singh
- 2. Date of Birth:** 26/10/1986
- 3. AICTE Faculty Unique ID:** 1-435541372
- 4. Educational Qualification:** M.E. (Construction Management), registered for PhD.
- 5. Work Experience:** Teaching: 12 years
- 6. Area of specialization:** Civil
- 7. Courses taught:** UG: Environmental Studies, Engineering management, Water Management
PG: M.E. – Environmental Management
- 8. Research Guide:** Nil
- 9. Projects:** Nil
- 10. Patents:** Nil
- 11. Consultancy and Technology transfers:** Nil
- 12. Paper Presented/ Published:**
 1. “A STUDY OF GUIDELINES OF EIA FOR INFRASTRUCTURE PROJECTS” having reference no./Paper ID- IJARSE-17MAR13CHE-027D1 in November, 2013.
 2. Guidelines of EIA for Hydropower Projects “in IJAES Volume 27 Issue 11 bearing ISSN (Print): 0975 – 9034 in November 2014.
- 13. Workshop / Conferences Attended:**
 - Attended TEQUIP in SRMAASE (significant role of mathematical analysis in applied Science & Engg).

- AICTE sponsored Phase III STTP writing & publishing high impact research publications & scientific documents National online 19th oct-24th oct 2020
- Inculcating universal human values in Technical education AICTE sponsored 18 – 22 January 2021
- Sustainable environmental geotechnics SRKR engineering College, bhimavaram, Andhra pradesh National online 5thoct-9th oct 2020
- FDP on Research Methodology FDP by TLC, Ramanujan College, University of Delhi (PMMMNMTT), MHRD National online 2 weeks 1 - 15 Oct. 2020



1. Name: Prof. Deepali Kumawat

2. Date of Birth: 15 /10 / 1987

3. AICTE Faculty Unique ID: 1-1526290567

4. Educational Qualification: M. Tech (Civil Engineering)

5. Work Experience: Teaching: 6 years
Industry: 3 years

6. Area of specialization: Town and Country Planning

7. Courses taught: UG

8. Research Guide: Nil

9. Projects: Nil

10. Patents: Nil

11. Paper Presented/ Published: Nil

12. Research Publications: Nil

13. Workshop Attended:

- Participated in seminar on STEEL ASTHETICS & TECHNOLOGY' on Feb 29 -1 Mar, 2008; organized by Cummins College Of Engineering, Pune
- Training Program on StaddPro 2005 on March 16 - 31, 2008; organized by Sinhgad College Of Engineering, Pune
- Participated in workshop PLANNING ASPECTS for Project: Concept to Completion on March 7- 8 , 2009; organized by Sinhgad College of Engg. Pune

- Completed workshop on Applications of MATLAB and Simulink for Engineers on Dec 9 - 13, 2013; organized by Department of Mechanic Engg, College of Engg. Pune , 62 nd National Town & Country Planners Congress on Jan 10 -12, 2014; Institute of Town Planners, India (ITPI).
- Geosciences in Engineering 2020 (GiE 20)'”TEQUIP -3 , National level at Government College Of Engineering Karad WALCHAND College Of Engineering , Sangli , 1 Week 09-12 June 2020
- Open Source Tools for Research", National level , at TLC, Ramanujan College, University of Delhi (PMMMNMTT), MHRD , 1 week 08-14 June 2020.
- FDP on' Advances in Civil and Structural Engineering' TEQUIP-3, National level, at Government College Of Engineering Karad, &Government College Of Engineering Nagpur, 1 week 15-19 June, 2020
- Entrepreneurship, Incubation and Innovation", National level, at TLC, Ramanujan College, University of Delhi (PMMMNMTT), MHRD , 1 week 23-29 June, 2020
- ADVANCED CONCEPTS FOR DEVELOPING MOOCS", National level, at TLC, Ramanujan College, University of Delhi (PMMMNMTT), MHRD, 2 Week 02 -17, 2020.
- “Sustainable Environment – An Engineering Perspective, 2020” TEQUIP-3, National level, Assam Engg. College, Guwahati 1 Week- 13 -18 July, 2020
- TEQUIP - III (National Online) on DISASTER MANAGEMENT MITIGATION AND RESPONSES, 2020 ASSAM ENGINEERING COLLEGE GUWAHATI 10-14 August 2020
- FDP on REsearch Methodology FDP by TLC, Ramanujan College, University of Delhi (PMMMNMTT), MHRD National online 2 weeks 1 - 15 Oct. 2020
- Sustainable environmental geotechnics SRKR engineering College, bhimavaram, Andhra pradesh National online 5 - 9 Oct. 2020
- AICTE sponsered Phase III STTP writing & publishing high impact research publications & scientific documents National online 19 - 24 Oct. 2020
- Inculcating universal human values in Technical education AICTE sponsored 18 - 22 January 2021



1. Name: Prof. Tilottama Barhate

2. Date of birth: 05/12/1980

3. AICTE Faculty Unique ID: 1-3713806312

4. Educational Qualification: M. Sc. (Mathematics), NET and GATE qualified,
Pursuing Ph. D. In Operations research

5. Work Experience: Teaching: 8.5 years
Industry: 1 year

6. Area of specialization: Operations Research, Multi-objective Transportation
Problem

7. Courses taught: UG

8. Research guidance: Nil

9. Projects carried out: Nil

10. Patents: Nil

11. Consultancy and Technology transfers: Nil

12. Research Publications: Nil

13. Workshops / Conferences Attended:

1. International Conference on Analytics on operational research 12th to 14th December 2016
at BITS, Greater NOIDA.

2. Advanced Instructional School of Optimization May 09 to 21, 2016 at IIT Bombay.



1. Name: Prof. Anjushree Augustine

2. Date of Birth: 04 / 7 / 1985

3. AICTE Faculty Unique ID: 1-2899435074

4. Educational Qualification: B.A (Eng Literature), M. Ed (Physical Edu.), SET
Pursuing Ph.D.

5. Work Experience: 10 years

6. Area of specialization: Sports and Physical Education

7. Courses taught: NA

8. Research guidance: Nil

9. Projects carried out: Nil

10. Patents: Nil

11. Consultancy and Technology transfers: Nil

12. Research Publications:

- **Paper Presented at National Seminar** on Research Proposal, Publication & Impact Factor published in Indian Streams Research Journal; **Topic** – Know Plagiarism – If You Want the Credit for Your Own Work; ISSN 2230-7850; held at SSSPM College of Education, Barshi, Feb 2013.
- Introduction to Sampling in **Paper Presented at National Seminar** on Research Proposal, Publication & Impact Factor published in Indian Streams Research Journal; **Topic** – An Research; ISSN 2230-7850; held at SSSPM College of Education, Barshi Feb 2013.

- **Paper Presented at National Congress** on “Physical Activity, Fitness and health”; **Topic** - “Pregnant Women and Physical Activity- Is it safe for pregnant women to do physical activity”; ISBN 978-93-80697-79-6 held at University of Pune in year 2011.
- **Paper Presented at National Level Seminar** on “Physical Education and Fitness for all”, **Topic:** “Management of Overweight and Obesity”, held at Shri Shahu Mandir Mahavidyalaya, Pune in year 2009.
- **Paper Presented at International Conference** on “Stress Management”, **Topic:** “Woman under stress: an over view- How to Thrive not just survive” held at L.N.I.P.E Gwalior in year 2008.
- Presented paper entitled “Focus on what you can control to Improve your sports performance” at ‘**National Conference on Psychological contributions in sustainable human development in Sports, Organisations & Community health**’ on 20 - 21 December 2019 at Arts, Commerce & Science college, Kannad.

13. Workshop Attended:

- Attended International Conference on “Yoga and Physical Education” organised by Sir Parashurambhau College, Pune from 11th to 13th January 2011.
- Attended two days National Conference on "Trends, Issues and Future of Physical Education & Sports" held on 27th& 28th February 2015 organised by MM's Chandrashekhar Agashe College of Physical Education, Gultekadi, Pune.
- Attended one day Workshop on " NUTRITION FOR SPORTS AND FITNESS." organised by MM's Chandrashekhar Agashe College of Physical Education, Gultekadi, Pune in collaboration with Association of Sports Nutrition & Fitness Sciences on 7th December 2019.
- Attended International Webinar on “ Stress Management during Covid-19” organised by Department of Physical Education, Saraswati P.G. College, Hathras in collaboration with Physical Education Foundation of India (PEFI) held on 18th May 2020.
- Attended Online National Level Webinar on "Prevention of Sports Injuries" held on May 30, 2020 organised by Guru Nanak Khalsa College of Arts, Science and Commerce.
- Attended Online National Level Webinar on “How to write and Publish 50,000+ Research and Conference Papers Effectively and Efficiently using TYPESET Research Studio” organised by Rajarambapu Institute of Technology Rajaramnagar, Islampur held on 22 June 2020.
- Attended Online National Level Webinar on “Anti-Doping” held on 28th July 2020 Organized by Physical Education Foundation of India (Pefi) National Sports Promotion Organization (NSPO).
- Attended two days International E-Conference on “Trends Issues and Development of Physical Education and Sports” held on 30th – 31st July, 2020, jointly organized by the

Department of Physical Education and Sports Science, Fit India Campaign Committee, Fit India Club, Manipur University, Canchipur, Imphal in collaboration with National Association of Physical Education and Sports Science (NAPESS).

- Attended online Faculty Induction Programme in Physical Education (Orientation Programme) organised by UGC HRDC – Laxmibai National Institute of Physical Education from 9th February 2021 – 15th March 2021.
- Attended International conference on “Lead to Excellence in Athletic Performance LEAP” held from 24th - 25th March 2021 organised by MM’s Chandrashekhar Agashe College of Physical Education, Pune, Maharashtra.



- 1. Name:** Dr. Anand Subhash Joshi
- 2. Date of Birth:** 11 / 09 / 1981
- 3. AICTE Faculty Unique ID:** 1 - 2482948655
- 4. Educational Qualification:** M.Sc. (Physics), Ph.D.
- 5. Work Experience:** Teaching: 9 years
Research: 4 years
- 6. Area of specialization:** Dielectric Measurements, Microwave Remote Sensing
- 7. Courses taught:** Nil
- 8. Research guidance:** Nil
- 9. Projects carried out:** Nil
- 10. Patents:** Nil
- 11. Consultancy and Technology transfers:** Nil
- 12. Research Publications:**
 1. A.S. Joshi, S.S. Deshpande and M.L. Kurtadikar, Dielectric Properties of North Indian Ocean Seawater at 5 GHz (Jan-2012), International Journal of Advances in Engineering and Technology IJAET, Vol. 2, Issue 1, pp 220-226.
 2. A. S. Joshi and M. L. Kurtadikar, Study of Seawater Permittivity Models and Laboratory Validation at 5 GHz- Journal of Geomatics, SAC-ISRO, The Indian Society of Geomatics, Vol 7, No.1, April 2013, pp 33-40.
 3. A. G. Murugkar, A.S. Joshi and M.L.Kurtadikar, Dielectric Properties and Emissivity of Seawater at C-Band Microwave Frequency, Journal of

Environmental Science and Engineering, National Environmental Engineering Institute CSIR, Nagpur Vol.54 No. 4 October 2012, pp 495-501.

4. S. S. Deshpande, A.S. Joshi and M. L. Kurtadikar, Dielectric Properties of Agra, Haldigati and Chennai saline soils at 5 GHz- Proceedings of ICMARS-2012, Jodhpur Conference, 8th International Conference on Microwaves, Antenna, Propagation & Remote Sensing, 11th -15th December, pp 691 – 696.
5. A. S. Joshi, S. S. Deshpande and M. L. Kurtadikar, Winter Monsoon Dielectric Properties of Tropical Indian Ocean Seawater at 5 GHz, IEEE Explore, 978-0-7695 - 4958-3/13, 2013 IEEE DOI 10.1109/CSNT.2013.168, Proceedings of CSNT-2013, Gwalior 5th-8th April 2013, pp 782-788.
6. A.S Joshi et al. , Least square Fitting Method and Application to Estimate Microwave Permittivity, Journal of Basic and Applied Sciences, Feb-2014, pp 212.
7. S.S. Deshpande, A.S. Joshi, A.B. Itolikar, "Dielectric Properties of Gujarat and UP Saline Soils at 5 GHz" Proceedings of 11th International Conference on Microwaves, Antenna, Propagation and Remote Sensing, ICMARS-2015, Jodhpur, India. Dielectric and Emizion Properties of Sorghum (Jowar) vegetation at C-Bond Microwave Frequency" Ashish Itolikar, A. S. Joshi, S. S. Deshpande, V. M. Arole, N. L. Kurtodikar International Conference on material & Environmental Sciences Dec 07-08, 2018, Kolhapur.
8. Dielectric Response Due to Combine Effect of Soil and Vegetation Layer (Grass) at C-Band Microwave Frequency, title 'IGRASS' International journal dt. Dec. 2020 <https://ieeexplore.ieee.org/abstract/document/9358944> pg 9-12
9. Ashish Itolikar, Anand Joshi, Santosh Deshpande, Mukund Kurtadikar, Dielectric Response Due to Combine Effect of Soil and Vegetation Layer (Grass) at C-Band Microwave Frequency, title 'IGRASS' International journal date Dec. 2020 <https://ieeexplore.ieee.org/abstract/document/9358944> , Dec - 2020, pp 9-12.
10. Ashish B Itolikar, Santosh S Deshpande, Anand Joshi, M L Kurtadikar, Dielectric Measurements and modelling of rubber vegetation at c-band microwave frequency, journal of education: Rabindrabharati university issn: 0972 – 7175, O.ct -2021, vol. 23, pp 6 - 13

13. Workshop / Conference Attended:

- National Workshop on “Observational Astronomy with Small Telescope” Jan 31 to Feb 2, 2005 held at Nellore.
- National 7th Conference on “Microwave, Antenna, Propagation & Remote Sensing” by In CMARS December 9th -11th, 2008, organized by International Centre for Radio Science, held at Jodhpur.
- Short Term Course AICTE sponsored SDP course on “Advanced Microwave Technology” held at SIRTS from 11th July to 23rd July 2011, Bhopal.
- JES-IUCAA Workshop on Teaching and Research Using Small Telescopes, held at JES college from 17th to 19th Oct, 2011, Jalna.
- 3rd IEEE International Conference on Communication System and Network Technology, 5th to 8th April 2013 at Gwalior.
- JES-IUCAA Workshop on Astronomy and Physics for Science Communicators, held at JES College from 26th to 27th September, 2013, Jalna.
- Research Methodology in Physical Sciences, National Seminar held at Balbhim College, Beed from 15th and 16th February, 2014, Beed.
- AICTE sponsored One Week online STTP on "Capacity Building and Training on Geospatial Technologies (Phase-II: Land and Water Management Studies – an International Perspective)" Geospatial Information Centre (GIC), Department of Civil Engineering, S.R.K.R. Engineering College, Bhimavaram, Andhra Pradesh 09 th -13 th Nov. 2020 National
- Online course on “Basics of SAR Remote Sensing” which was conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, during May 26 to May 30, 2020
- WGCapD Webinar Series on “Remote Sensing in Crop Monitoring and Assessment” Organized by Indian Institute of Remote Sensing and CEOS May 19 – June 9, 2020
- Online Webinar on “Shock Wave – A Potential tool for Tailoring material’s property”, organized by the Department of Physics, KCT Coimbatore on May 22, 2020
- Online course on “Basics of Geocomputation and Geoweb Series” which was conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, during Oct 19 to Oct 29, 2020
- National level Webinar on “Best Practices in Laboratory Safety Management” organized by IQAC Arts Science and Commerce College, Chikhaldara Amravati on Dec 26, 2020

- Participated in IEEE International India Geoscience and Remote Sensing Symposium 2020, InGRASS from Dec 1 to Dec 4, 2020 Ahmadabad, Gujarat India
- Participated in 26th International conference of International Academy of Physical Sciences on “Advances in Physics” held at Gondwana University Gadchiroli from Dec 18 to Dec 20, 2020
- National Webinar “Effective Skills for Research paper and Research proposal” organized by Department of Geography and commerce, ICS college Khed on Jan 12, 2021

FDP/STTP Courses Attended

- MHRD PMMMNMITT and Shivaji UniversityKolhapur sponsored and Organized by Cummins College of Engineering for Women, “FDP on Data Science” from Dec 2 toDec 7, 2019
- MHRD PMMMNMTT sponsored and organized by University of Delhi Teaching LearningCentre Ramanujan College “Managing online classes and co-creating MOOC’s”, Delhi from April 20 toMay 06, 2020
- Cummins College of Engineering for women organized FDP on “Use of Moodle as Learning Management System” from June 26, 2020 to July 3, 2020.
- FDP on “Physics of Materials” organized by Department of PhysicsJAIN deemed university May 28 to May 30, 2020
- Online Faculty Development Program FDP on “AICTE- Examination Reforms” organized by Pedagogy cell of Cummins College of Engineering for Women, Pune on September 12, 19 and 26, 2020 and October 3, 2020
- AICTE sponsored one-week online STTP on “Harmony in the workplace: Effective Interpersonal and communication skills” organized by Department of Science and Humanities, Sri Venkateswara Engineering College, Tirupati A.P from Nov 23, 2020 to Nov 28, 2020
- AICTE sponsored 5 Days FDP on “Inculcating Universal Human Values in Technical Education” from Feb 1, 2021 to Feb 5, 2021



1. **Name:** Jyoti Prasad
2. **Date of Birth:** 03 / 06 / 1980
3. **AICTE Faculty Unique ID:** 1-2183593679
4. **Educational Qualification:** M.Sc., M.Phil. (Mathematics), SET
Pursuing Ph.D. (Fractional Calculus)
5. **Work Experience:** Teaching: 13 years
6. **Area of specialization:** Fractional Calculus & Fluid Dynamics Applied Mathematics
7. **Courses taught:** Diploma/Post Diploma/UG/PG: UG
8. **Research guidance:** Nil
9. **Projects carried out:** Nil
10. **Patents:** Nil
11. **Research Publications:**
 - **Solution of the Local Fractional Generalized KDV Equation Using Homotopy Analysis Method**, Title 'Fractals' International Journal Publication Volume 28, Issue 08 (December 2020) 1793-6543 SCI
 - Published research paper In "**Special Issue Section on Fractal AI-Based Analyses and Applications to Complex Systems: Part I**" (World Scientific) Volume 29, Issue 05. <https://doi.org/10.1142/S0218348X21400144> in 2021. Title: Solution of the local fractional generalized kdv Equation using homotopy analysis method.
 - Solution of Local Fractional Generalized Fokker-Planck equation using Local fractional Mohand Adomian Decompostion Method Fractals Volume 29, Issue 07 (November 2021)

12. Consultancy and Technology transfers: Nil

13. Workshop / conferences Attended:

- Attended National level Workshop on "Computational Fluid Dynamics" at Rajarajeshwari College of Engg., Bengaluru, duration 27nd - 23rd Oct., 2010.
- Attended 2 weeks ISTE Workshop on 'Computational Fluid Dynamics' at Cummins College of Engg. For Women, Pune, duration 12th - 22nd June, 2012.
- Attended Course on Application of MATLAB & Simulink for Engg. Conducted by Mechanical Engg. Department, COEP, Pune, duration 19th -13th Dec., 2013.
- Attended state level seminar on "Exploring Effective Pedagogies in Mathematics", held at Modern College of Arts, Science & Commerce, Pune on 09th Jan. 2016.



1. Name: Dr. Dnyaneshwar Bhosale

2. Date of Birth: 12 / 09 / 1986

3. AICTE Faculty Unique ID: 1-4729610427

4. Educational Qualification: Ph.D. in Physics (BARC-SPPU research Program)

5. Work Experience: Teaching: 4.5 years; Research: 5 years during Ph.D.
Other: e-Tutoring for 7 Months

6. Area of specialization: Material Physics

7. Courses taught: Diploma/Post Diploma/UG/PG: Physics (UG)

8. Research guidance: Nil

9. Projects carried out: Nil

10. Patents : Nil

11. Consultancy and Technology transfers: Nil

12. Research Publications:

1. *High Oxide Ion Conductivity below 500 °C in Garnets $La_xY_{3-x}Fe_5O_{12}$* **D. R. Bhosale, S.M. Yusuf, Amit Kumar, M. D. Mukadam, and S.I. Patil** **Physical Review Materials, 01, 015001 (2017)**

2. *Structural and magnetic properties of $(La, Pr)_xY_{3-x}Fe_5O_{12}$* **R. Bhosale**, Amit Kumar, M. D. Mukadam, S. S. Meena, S. M. Yusuf, and S. I. Patil, Proceedings of the fifth conference on neutron scattering **International Nuclear Information System, 46, INIS Issue: 38 (2015)**.
3. *Revealing conduction pathways by the soft bond valence sum distribution analysis of neutron diffraction data in $La_xY_{3-x}Fe_5O_{12+\delta}$*
4. **D. R. Bhosale**, S. I. Patil, and S. M. Yusuf Proceedings of the sixth conference on neutron scattering **International Nuclear Information System, 48, INIS Issue: 8 (2016)**

13. Workshops / Conferences Attended:

- Conduction pathways and Mixed Ionic-Electronic Conductivity below 500degC in $CaxY_{3-x}Fe_5O_{12-d}$ Materials D. R. Bhosale* and S.I. Patil Physical review Material, Vol. No. 03, Page no.: 095007 (2019)
- Conduction pathways and Mixed Ionic-Electronic Conductivity below 500degC in $CaxY_{3-x}Fe_5O_{12-d}$ Materials D. R. Bhosale* and S.I. Patil Physical review Material, Vol. No. 03, Page no.: 095007 (2019)
- Structural and Magnetic Properties of Yttrium Iron Garnet and Bond Valence Calculation **D. R. Bhosale**, A. Kumar, S. S. Meena, M. D. Mukadam, S. I. Patil and S. M. Yusuf, 59th DAE solid state physics symposium, December 16-20, 2014, VIT University, Vellore, Tamil Nadu, India.
- Tracing Oxide Ion Diffusion Pathways in Yttrium Iron Garnet from Neutron Diffraction Study **D. R. Bhosale**, S. I. Patil, and S. M. Yusuf 60th DAE solid state physics symposium, 21-25 December 2015, Noida university, Uttar Pradesh, India.
- *High Oxide Ion Conducting Material $PrY_2Fe_5O_{12}$ below 500 C* **D. R. Bhosale**, S. I. Patil, and S. M. Yusuf 61st DAE solid state physics symposium, December 26-30, 2016, KIIT University, Bhubaneswar-751024, Odisha, India.
- Conduction Pathways from Neutron Diffraction study and Ultrahigh Mixed Ionic-Electronic Conductivity in $Ca_{0.15}Y_{2.85}Fe_5O_{12}$ below 500 C **D. R. Bhosale**, S. I. Patil, and S. M. Yusuf. Gordon Research Seminar and conference 2017 at Hong Kong university of science technology, Hong Kong, China, 6-11 August 2017.
- **IUCrMaThCryst & CIMS Workshop** on "Symmetry Relationships between Crystal Structures with Application to Structural Phase Transitions", October 27-31, 2014, Indian Institute of Technology, Varanasi, Uttar Pradesh, India.
- **8th Asia-Oceania Neutron Scattering Association** Neutron School, November 15 to 19, 2016, BARC, Mumbai, India. **Poster presentation** on "Ionic transport in iron garnet materials".

- New high oxide ion conducting materials for LT-SOFC devices” .in International Conference on **Advanced Materials development and performance, 2017** at IITM, Pune, India. Neutron Scattering Cutting Edge Probe of Structure and Dynamics Of Advanced Materials in **Gordon Research Seminar** on August 5-6, 2017, The Hong Kong University of Science and Technology, **Hong Kong, China.**
- Talkon “Revealing Conduction Pathways by the Soft Bond Valence Sum Distribution Analysis of Neutron Diffraction Data in Iron Garnet Oxides”.
- **Gordon Research Conference** on “Structure and Dynamics of Materials on Many Length and Time Scales”, August 6-11, 2017, The Hong Kong University of Science and Technology, **Hong Kong, China.**
- **Poster presentation** on “Visualization of Oxide ion Diffusion Pathways from Neutron Diffraction study and High Conductivity in $\text{PrY}_2\text{Fe}_5\text{O}_{12}$...at low Temperature.”
- Resource person - Expert talks on 'Rietveld Refinement Method to analyze x-ray/neutron diffraction data for the polycrystalline materials' on 20 - 21 August 2021 at Fergusson College, Pune.



- 1. Name:** Prof. Pradnya Nanavare
- 2. Date of Birth:** 08 /03 / 1994
- 3. AICTE Faculty Unique ID:** 1-3713807025
- 4. Educational Qualification:** M.Sc (Mathematics), SET Qualified
- 5. Work Experience:** Teaching: 5 years
- 6. Area of specialization:** Linear Algebra
- 7. Courses taught:** UG
- 8. Research guidance:** Nil
- 9. Projects carried out:** Nil
- 10. Patents:** Nil
- 11. Research Publications:** Nil
- 12. Consultancy and Technology transfers:** Nil
- 13. Workshops / Conferences Attended:** Nil



1. **Name:** Prof. Suhas Pawar
2. **Date of birth:** 06 / 11/ 1968
3. **AICTE Faculty Unique ID:**1-435541534
4. **Educational Qualification:**ME (E&Tc - Signal Processing), MMS(Finance)
5. **Work Experience:** Teaching: 10 Years;
Industry: 14 years
6. **Area of specialization:** Soft Skill
7. **Courses taught:** UG and PG
8. **Research guidance:** Nil
9. **Projects carried out:** Nil
10. **Patents:** Nil
11. **Consultancy and Technology transfers:**
 - Conducted one day workshop on “Personality Development” on 30th Jan 2019 at Forbes Marshall, Pimpri unit for the batch of 33 CII-FM trainees.
 - Conducted a workshop for MKSSS College librarians on ‘ Communication Skills ’ on 12th June'19.
 - Conducted Faculty Development Program (FDP) for staff of AISSMS’ College of Hotel Management & Catering Technology on “ **Improving Student-Faculty Relations & Communication**” in Nov'17
 - Conducted **two** workshops on “**Success in Interviews**” at Huzurpaga College, Pune in

Nov'2016 and Nov'2017.

- Conducted **eight**, day long workshops for Forbes Marshall Ltd. for their Graduate trainees on '**Effective Communication**' during the period 2010-19 .
- Conducted **four** sessions for Bharati Vidyapeeth's Management College on '**Public Speaking**' in the month of July'13.
- Was invited to conduct **one** workshop for Rosemount Tank Gauges in December 2010. It was a day long workshop, comprising **Public speaking, presentation skills, behavioral case studies and meditation.**
- Conducted **one** workshop on **Communication and Personality Development** for the staff of Siddhivinayak Arts, Commerce and Management College in Feb'13
- Conducted **two** workshops on "**Success in Interviews**" at MIT Diploma College, Pune in Sept 2009 and Sept 2010.
- Was invited to conduct a workshop on **Personality Development** on 13th April 2010 for the students of Shreemant Shivajiraje College of Horticulture, Phaltan.

12. Research Publications:

Presented a technical paper "**Objective Quality Assessment of Stereo Images using Edge Similarity Measurements on Cyclopean Image**" in the Conference on Advances in Signal Processing (CASP-2016) in June 2016.

13. Workshops / Conferences Attended:

- Attended a two day Faculty Orientation Program by Board of Studies, Electronics Engineering, Savitribai Phule Pune University for the subject : EMPLOYABILITY SKILL DEVELOPMENT on 16th & 17th Dec'16.
- Attended a One day state level workshop on " Application of Mathematics in Engineering stream" sponsored by BCUD, Savitribai Phule Pune University on 26th Nov'16.
- Attended a day long workshop on "Value Education" at Bharati Vidyapeeth Women's College under the aegis of National Service Scheme UoP on 10th Feb 2013. It was conducted by the social worker Shrimati SindhuTai Sapkal.
- Attended Spectrum a five day workshop on 'Developing Multidimensional Competencies in Teachers' at VIIT from 6th to 10th Dec 2010 conducted by UoP. Prominent areas covered were Teaching Methodology, Personality Development and Social Awareness.
- Attended Sahaj Yog meditation conducted in the college in March 2010.

- Attended Stress Management” seminar by V Solve on 20th March 2010
- Completed Dale Carnegie based Public Speaking course and Spiritual Courses of Silva Mind Control, Art of Living, Reiki, Sudarshan Kriya and Patanjali yog and Brahma Vidya (Pranayam).



- 1. Name:** Prof. Seema Shah
- 2. Date of birth:** 25 / 07 / 1963
- 3. AICTE Faculty Unique ID:** 1 - 4731639968
- 4. Educational Qualification:** B.Com, L.L.B, MCM, MMS
- 5. Work Experience:** Teaching: 13 years
Industry: 5 years
- 6. Area of specialization:** Soft skills
- 7. Courses taught:** Diploma/Post Diploma/UG/PG
- 8. Research guidance:** Nil
- 9. Projects carried out:** Nil
- 10. Patents:** Nil
- 11. Consultancy and Technology transfers:** Nil
- 12. Research Publications:** Nil
- 13. Workshops / Conferences Attended:** Nil



- 1. Name:** Prof. Neha Deshpande
- 2. Date of Birth:** 26 /03 / 1980
- 3. AICTE Faculty Unique ID:** 1- 4733119082
- 4. Educational Qualification:** MPM, Diploma in Training and Development (ISTD)
- 5. Work Experience:** Teaching: 6 years
Industry: 6 years
- 6. Area of specialization:** Soft skills
- 7. Courses taught:** UG
- 8. Research guidance:** Nil
- 9. Projects carried out:** Nil
- 10. Patents:** Nil
- 11. Consultancy and Technology transfers:** Nil
- 12. Research Publications:** Nil
- 13. Workshops / Conferences Attended:** Nil



1. Name: Ms. Namrata Sushil Yannawar

2. Date of Birth :31/05/1988

3. AICTE Unique ID :-----

4. Qualification : M.E. Structural Engineering, B.E. Civil Engineering

5. Work Experience : Teaching : 8.7 years

6. Area of Interest: UG: Structural Engineering, Engineering Geology.
PG:Structural Dynamics.

7. Courses taught UG / PG / Diploma : UG / PG / Diploma

8. Research Guidance:Nil

9. Projects :Nil

10. Patents : Nil

11. Consultancy and Technology transfers: Nil

12. Research Publications

1. Dynamic Evaluation of Building with Tuned Liquid Damper in IJRSET.

ISSN: 2319 – 8753, volume 03, issue 07, July 2014

2. Response Behavior of a Three-Storeyed Building Framed Structure with Tuned Liquid Damper in National Level Conference “Post-Graduation Conference (PGCon)” Sponsored by Savitribai Phule Pune University, organized at Dr. D.Y. Patil Institute of Engineering & Technology, Pimpri, Pune-411018, on 21st June 2014

3. Analysis of Lateral Loads for a Framed Model with Tuned Liquid Damper published in IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684, p-ISSN: 2320– 334X, pp 01-05

13.Workshops / Conferences Attended

- State Level Workshop “Recent Developments in Civil Engineering” on 13/02/2016 - 14/02/2016 organized by JSPM’s RajarshriShahu College of Engineering in association with SavitribaiPhule Pune University.
- A short term training programme on “ Finite Element and Analytical Solutions for Composite Laminates” conducted during 26/04/2015 -30/04/2015 organized by Department of Civil Engineering, Sanjivani Rural Education Society’s College of Engineering, Kopargoan-423603.
- “Innovation in Engineering Sciences & Technology (NCIEST-2015)” Sponsored by SavitribaiPhule Pune University, organized by JSPM’s RajarshriShahu College of Engineering in association with IOSR Journals on 28th& 29th December 2015.
- National Level Conference on “Recent Advancements in Mechanical Engineering (NCRAME2015)” Sponsored by SavitribaiPhule Pune University, organized at Dr. D.Y. Patil Institute of Engineering & Technology, Pimpri,Pune-411018, on 27th March 2015.
- National Level Conference “ Post -Graduation Conference (PGCon)” Sponsored by SavitribaiPhule Pune University, organized at Dr. D.Y. Patil Institute of Engineering & Technology, Pimpri, Pune-411018, on 21st June 2014.
- National Conference on Challenges in Engineering Teaching and Research (NCCETR 2018) organized by MGM’s College of Engineering and Technology Kamothe, Navi Mumbai, 3rd -4 th June 2018.



- 1. Name:** Ms. Aishwarya Prashant Patil
- 2. Date of Birth :** 24/09/1994
- 3. AICTE Unique ID :** -----
- 4. Qualification :** MTech Construction Management, B.E. Civil Engineering
- 5. Work Experience :** Teaching : 3 years
- 6. Area of Interest:** Construction Management, Quantity Surveying
- 7. Courses taught UG / PG / Diploma :** UG / PG / Diploma
- 8. Research Guidance:** Nil
- 9. Projects :** Nil
- 10. Patents :** Nil
- 11. Consultancy and Technology transfers:** Nil
- 12. Research Publications :**
 1. Analysis of Cost over run in construction Projects in International Research Journal of Engineering and Technology (IRJET) – Nov 2017
 2. High Strength Concrete with Varying Content of Micro Silica in International Journal for Research in Engineering Application & Management (IJREAM) – 2017 Pune University.
 3. Automated Refurbishment & End of life Processes- Research Approaches in construction in International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE) -2019
 4. BIM Model for Efficient Design in International Journal for Research in Engineering Application & Management (IJREAM) – Feb 2020

5. Constraint & Losses in Construction Project (IRJET) - 2021

13. Workshops / Conferences Attended:

- National Level Conference on “New Trends in Construction” Organized by MIT ADT University, Pune, February 2020
- National Level Conference on “Innovative Global Trends in Technology, Architecture, Management & Education” Organized by MIT ADT University, Pune, March 2021