

- **Name** : Dr. Sunil Jagtap
- **Designation** : Head and Associate Professor
- **E-mail ID** : fehod.rmdssoe@sinhgad.edu
- **Qualifications** : Ph.D. (Physics), M.Sc. (Physics),
B.Ed. (Math, Science)
- **Total Experience** : 18 Years
- **Subject Taught** : Engineering Science I and II, Engineering Physics
- **Research Paper Published** :
 1. Suresh Chandra & **Sunil P. Jagtap**, “Fundamental Forces”, Physics Education, April – June 2000. (Page Nos. 37 to 40).
 2. P. P. Deshpande, **S. P. Jagtap**, M. A. More, and R. S. Khairnar, “Corrosion prevention by conducting polyaniline based paint coating on low carbon steel”, J. Electrochem. Soc. India, Volume 57-3/4 (2008), pp 83-86.
 3. Pravin. P. Deshpande , Shashikant T. Vagge, **Sunil P. Jagtap**, Rajendra S. Khairnar and Mahendra A. More, “Conducting polyaniline based paints on low carbon steel for corrosion protection”, Protection of Metals and Physical Chemistry of Surfaces, 2012, Volume 48 (3), pp 356-360.
 4. P. Deshpande, S. Vagge, **S. Jagtap**, R. Khairnar, S. Kelkar, M. More, “Conducting polyaniline based paints on hot dip galvanized low carbon steel for corrosion protection”, Bulgarian Chemical Communications, Volume 44 (2012), N-4, pp 318-323.
 5. **Sunil P. Jagtap**, Rajendra S. Khairnar, Magan P. Ghatule, “ Corrosion Prevention by Conducting Polyaniline based Paints on Low Carbon Steel”, International Journal of Research in Advent Technology, Volume-2, N-02, February-2014, pp 332-338.
 6. **Sunil P. Jagtap**, “Passivation of Low Carbon Steel Due to Conducting Polyaniline Based Paint”, International Journal of Research in Engineering and Technology. Volume-05, Issue-11, November 2016, pp 87-92. E-ISSN **2919-1163**.
- **Paper Presented in International /National Conference:**
 1. **S. P. Jagtap**, P. P. Deshpande, R. S. Khairnar, “Development of conducting polyaniline based paints for corrosion protection”, (Poster presented in Innovation 2008-09 Regional conference Organized by BCUD Pune University).
 2. **S. P. Jagtap**, P. P. Deshpande, M. A. More and R. S. Khairnar, “Conducting poly aniline based paints for corrosion protection”, (Paper presented in 7th International symposium SPC-2010. Organized by The society for surface protective coatings India, January 28 -30, 2010, Pune).
- **Working as Reviewer** :
 1. International Journal of Research in Advent Technology (IJRAT : e-ISSN 2321-9637)
 2. International Journal of Research in Engineering and Technology (ISSN 2321-7308)

- **Grant Received :**

1. Received research grant of Rs. 200000/- & successfully completed research project, “Corrosion Protection using conducting Polymer”, funded by BCUD, University of Pune for A.Y. 2009-2011.

- **Seminar, Conference, Workshop Attended :**

1. Attended Young Astronomers Meet (YAM 99), held at Uttar Pradesh State Observatory, Naini Tal, Organized by Uttar Pradesh State Observatory, Naini Tal from 01st June to 03rd June 1999.
2. Participated in SERC School on Low Frequency Radio Astronomy, held at NCRA- TIFR, Pune, Organized by SERC from June 21 – July 17, 1999.
3. Attended AICTE-ISTE, winter school on “Recent Trends in Opto-Electronics & Optical Devices Systems”, Organized by Electronics & Telecommunication Department, Goa College of Engineering, Goa from 11th Feb. to 15th Feb. 2002.
4. Attended “Refresher Course for Teachers of Applied Science and Engineering Mathematics” held during June 27, 2005 to July 01, 2005 at Smt. Kashibai Navale College of Engineering, Pune under Academic Quality Improvement Programme of University of Pune.
5. Participated in four days workshop “EN-PHYSICS”, conducted by Sinhgad College of Engineering, Pune; approved by AICTE and University of Pune during 20th to 23rd December 2006.
6. Participated in one day orientation workshop for AVISHKAR organized by H. V. Desai College, Pune and B. C. U. D. University of Pune conducted on 14th August 2008.
7. Participated & presented poster in regional conference for Pune University college teachers “Innovation 2008-09” organized by BCUD, University of Pune on 17th & 18th November 2008.
8. Participated in International workshop on Global ICT Standardization Forum for India: GISFI Sponsored by AICTE New Delhi & CTIF Denmark, organized by E&Tc Dept. Sinhgad Institute of Technology, Lonavala during 19th to 21 March 2009.
9. Participated in 7th international symposium on Paint & coating Technology, organized by Society for surface protective coatings India during January 28-30, 2010 at Pune.
10. Participated in two days National Workshop on “Recent Advances in Materials Engineering and Technologies (MET-2012)” organized by SKN-Sinhgad Institute of Technology & Science, Lonavala during 2nd – 3rd May 2012.
11. Participated in One day workshop on “Syllabus Implementation of Engineering Physics”, organized by PVG’s College of Engineering & Technology, Pune on 02nd August 2012.

- **Books Published :**

1. Title of Book : Engineering Physics
Authors : Dr. Mrs. Gladys Paul, Dr. Sunil P. Jagtap
Publication : Nirali Prakashan, Pune
ISBN : **978-93-5164-103-2**
Year of Publication : January 2016 (4th Edition)
2. Title of Book : Engineering Physics
Authors : I. A. Shaikh, Dr. H. R. Kulkarni, Dr. U. P. Moharil, S. F. Khairnar, Dr. S. P. Jagtap
Publication : Nirali Prakashan
ISBN : **978-93-80725-30-7**
Year of Publication : July 2016(1st Edition)
3. Title of Book : Engineering Physics-I
Authors : Dr. S. P. Jagtap
Publication : Tech-Max Publications, Pune
ISBN : **978-93-5224-285-6**
Year of Publication : 2016 (1st Edition)
4. Title of Book : Engineering Physics-II
Authors : Dr. S. P. Jagtap
Publication : Tech-Max Publications, Pune
ISBN : **978-93-5224-494-2**
Year of Publication : February 2017 (1st Edition)

- **Professional Bodies Memberships :**

1. Life member of Indian Society for Technical Education (ISTE) : LM 46108
2. Life member of Indian Association of Physics Teachers (IAPT) : 7614:L 4263
3. Life member of The Society for Advancement of Electrochemical Science and Technology, Karaikudi: LA 352.
4. Life Member of The Indian Science Congress Association: L31994