

M.S.P ARTS, SCIENCE &K.P.T COMMERCE COLLEGE

MANORA DIST.WASHIM

DEPARTMENT OF PHYSICS

FACULTY PROFILE

- 1) Name : **Mr. Nikhil Bharat Bhagat**
- 2) Designation : Assistant Professor
- 3) Department: : Department of Physics
- 4) Date of Joining : 03/01/2020
- 5) Date of Retirement : 31/01/2055
- 6) Teaching Experience :
- 7) Date of Birth: : 4th January 1995
- 8) Email Address : nikhilbhagat688@gmail.com
- 9) Educational Qualification: M.Sc, (PHY.), NET-JRF



Specialization: PHOTONICS, LASER TECHNOLOGY & FIBER OPTICS

Subject taught: Photonic &, Fiber Optics

Teaching methods applied:

- Synopses of syllabus topics to be taught are distributed among the students so that they should get the idea and basics.
- Questions are asked in the classes during and after the completion of lecture and relevant answers are encouraged.
- Some topics from the syllabus and some related advance topics are announced in advance for group discussion.
- Students are asked to deliver the seminars on different topics from the syllabus.
- If necessary overhead projectors, transparencies and LCD projector and internet facilities are used.
- ICT, Video lectures of expert, PPT slides are used.

A) Abstract Published:

| Abstract Published in National Symposium | | | |
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| S.N. | Title of the Paper and Authors | Name of the Symposium, Year | Place |
| 1 | Comparative study of multiple step temporal phase shifting technique and fast Fourier transform method, R. M. Uikey, N. B. Bhagat , P. P. Padghan and K. M. Alti | National symposium on innovative materials and devices 2019 | Department of Physics, SGBAU Amravati & Shri Shivaji Science College Amravati |
| 2 | Probing agriculture products using laser speckle, S. V. Mahalle, N. B. Bhagat , P. P. Padghan and K. M. Alti | National symposium on innovative materials and devices 2019 | Department of Physics, SGBAU Amravati & Shri Shivaji Science College Amravati |
| 3 | Quality evaluation of papers using Electronic speckle pattern interferometer, V. D. Wankhede, N. B. Bhagat , P. P. Padghan and K. M. Alti | National symposium on innovative materials and devices 2019 | Department of Physics, SGBAU Amravati & Shri Shivaji Science College Amravati |
| 4 | Measurement of thickness of thin film by ESPI technique, N. B. Bhagat , V. D. Wankhede, P. P. Padghan and K. M. Alti | National symposium on innovative materials and devices 2019 | Department of Physics, SGBAU Amravati & Shri Shivaji Science College Amravati |
| 5 | Temporal phase shifted electronic speckle pattern interferometer using standardize optical phase shifter, S. N. Purbhuj, N. B. Bhagat , P. P. Padghan and K. M. Alti | National symposium on innovative materials and devices 2019 | Department of Physics, SGBAU Amravati & Shri Shivaji Science College Amravati |

B) Achievements.

1. **University 4th Rank Holder in M.Sc.Physics(2018).**

Mr. Nikhil B. Bhagat
Assistant Professor,
Department of Physics