

Faculty Profile

- **Faculty Profile Name:- Sangram Sanjay Petkar**
- **Designation- Assistant Professor**
- **Department:- Mechanical Engineering**
- **Mobile No. 7507299159**
- **Email Id- ssp@amgoi.edu.in**
- **Educational Qualification:** In Following Format

| Sr.No | Degree | University | % Marks | Class |
|-------|-----------------|------------|---------|-------------|
| 1 | B.E. Mech. | Shivaji | 69.15 | Distinction |
| 2 | M.E.(Mech-Prod) | Shivaji | 70.74 | Distinction |

- **Professional experience:-** Total experience in years: 10

Teaching: - 10

| Sr.No. | Organization | Post | Period |
|--------|---|-------------|-----------|
| 1 | D.Y.Patil college of Engineering & Technology, Kolhapur | Lecturer | 4.6 Years |
| 2 | Ashokrao Mane Group Of institution, Vathar | Asst. Prof. | 5.7 years |

- **Subject Taught:-** In Following Format

| Sr.No. | Under Graduate | Post Graduate |
|--------|--|-------------------------|
| 1 | Engineering Graphics (Lecture/ Practical) | Metal Forming Processes |
| 2 | Computer Integrated Manufacturing (Lecture/ Practical) | Optimization Techniques |
| 3 | Machine Tool Design (Lecture/ Practical) | CNC Technology |
| 4 | Industrial Fluid power (Lecture/ Practical) | |
| 5 | Fluid Mechanics (Lecture/ Practical) | |
| 6 | Automobile Engineering (Lecture/ Practical) | |
| 7 | Mechanical Measurement (Lecture/ Practical) | |
| 8 | Testing & Measurement (Practical) | |
| 9 | Computer Aided Drafting (Practical) | |
| 10 | Metrology & Quality Control (Practical) | |
| 11 | Computer Graphics (Practical) | |

- **Project Work at U.G.:-** Design & Manufacturing of Multi Jet Cleaner
- **Project Work at P.G.:-** Design , Development & Manufacturing of Casting Cleaning Machine for Oil Pan Casting
- **Certified Courses:-** Auto CAD 2007, UG-NX3
- **Research Area of Interest:-** Manufacturing

➤ **Paper Presented and published:-**

National Conference :- In Following Format

| Sr.No. | Name of Conference | Institute | Date |
|--------|--------------------------------|---|---------------------|
| 1 | Emerging Trends In Engineering | D.Y.Patil college of Engineering & Technology, Kolhapur | 28/1/2012-29/1/2012 |

International Journal Published:- In Following Format

| Sr.No. | Name of Paper | Journal | Date |
|--------|--|--|------------|
| 1 | Review on Casting Cleaning Technique | International Journal of Engineering Research & Technology (IJERT)" | March 2013 |
| 2 | Recent Trend in Casting Cleaning Technique | International Journal of Scientific and Engineering Research (IJSER) | April 2013 |

➤ **Expert Lectures Delivered as a Resource Person:-** In Following Format

| Sr.No. | Name of STTP/FDP/workshop/Conference | Institute | Date |
|--------|--|--|--------------------------|
| 1 | One week STTP workshop on "Process Equipment Design" | S.I.T., Lonavala,Pune. | 19/4/2010 to 23/4/2010 |
| 2 | Two week FDP on "Recent Advances In Numerical Methods In Engineering" | NIT,Calicut, Kerala. | 24/5/2010 to 5/6/2010 |
| 3 | Two days' workshop on "Advance Foundry Technology" | Walchand College of Engineering,Sangli. | 4/2/2011 to 5/2/2011 |
| 4 | one day programme on "Design of experiments and research Methodology" | Ashokrao Mane Group of Institute, Wathar, Kolhapur | 26/3/2011 |
| 5 | one day programme on "Industrial Tribology" | MIT, Pune. | 20/3/2013 |
| 6 | one day workshop on "E-foundry programme" | D.K.T.E., Ichalkaranji. | 7/9/2013 |
| 7 | Two weeks ISTE Workshop trough ICT on Engineering mechanics | IIT Bombay | 26/11/2013-6/12/2013 |
| 8 | Teaching methodology for SE mech revised curriculum | SGI, Atigre | 19/9/2014 |
| 9 | One day training programme on "roll of teacher in evaluation process of NBA" | AMGOI, Vathar | 2/2/2014 |
| 10 | One day workshop on "Overall Personality Development" | AMGOI, Vathar | 18/2/2015 |
| 11 | FDP on automation studio and robocall software | AMGOI, Vathar | 28/12/2015 to 31/12/2015 |
| 12 | Two week FDP on Renewable Energy Sources: Past, Present and Future | AMGOI, Vathar | 5/2/2018 to 17/2/2018 |

➤ **STTP/FDP/Workshops/Attended/Participated:-**In Following Format

| Sr.No. | Name of STTP/FDP/workshop | Institute | Date | Attended/Participated |
|--------|--|--|--------------------------|-----------------------|
| 1 | One week STTP workshop on "Process Equipment Design" | S.I.T., Lonavala,Pune. | 19/4/2010 to 23/4/2010 | Attended |
| 2 | Two week FDP on "Recent Advances In Numerical Methods In Engineering" | NIT,Calicut, Kerala. | 24/5/2010 to 5/6/2010 | Attended |
| 3 | Two days' workshop on "Advance Foundry Technology" | Walchand College of Engineering,Sangli. | 4/2/2011 to 5/2/2011 | Attended |
| 4 | one day programme on "Design of experiments and research Methodology" | Ashokrao Mane Group of Institute, Wathar, Kolhapur | 26/3/2011 | Attended |
| 5 | one day programme on "Indusrial Triobology" | MIT, Pune. | 20/3/2013 | Attended |
| 6 | one day workshop on "E-foundry programme" | D.K.T.E., Ichalkaranji. | 7/9/2013 | Attended |
| 7 | Two weeks ISTE Workshop trough ICT on Engineering mechanics | IIT Bombay | 26/11/2013-6/12/2013 | Attended |
| 8 | Teaching methodology for SE mech revised curriculum | SGI, Atigre | 19/9/2014 | Attended |
| 9 | One day training programme on "roll of teacher in evaluation process of NBA" | AMGOI, Vathar | 2/2/2014 | Attended |
| 10 | One day workshop on "Overall Personality Development" | AMGOI, Vathar | 18/2/2015 | Attended |
| 11 | FDP on automation studio and robocall software | AMGOI, Vathar | 28/12/2015 to 31/12/2015 | Attended |
| 12 | Two week FDP on Renewable Energy Sources: Past, Present and Future | AMGOI, Vathar | 5/2/2018 to 17/2/2018 | Attended |

➤ **Programs Organized:-** In Following Format

| Sr.No. | Name of Program | Institute | Date |
|--------|--|---------------|-----------|
| 1 | Engeniuos 2k17 | AMGOI, Vathar | 16/2/2017 |
| 2 | Engeniuos 2k18 | AMGOI, Vathar | 12/3/2018 |
| 3 | Engeniuos 2k19 | AMGOI, Vathar | 9/3/2019 |
| 4 | Engeniuos 2k20 | AMGOI, Vathar | 7/3/2020 |
| 5 | Panhala Fort Swachata Abhiyan | AMGOI,Vathar | 19/2/2016 |
| 6 | Guest Lecture on Competitive Exam by Shri.Shrinivas L.Patil (Excise Sub Inspector) | AMGOI,Vathar | 14/2/2020 |
| 7 | GATE forum Lecture By Dr. S.T.Jadhav, Dr. D.S.Patil | AMGOI,Vathar | 28/9/2019 |

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|---|--|--------------|----------|
| 8 | Industrial Application on ANSYS by CAD-CAM GURU PVT.LTD, Pune. | AMGOI,Vathar | 2/1/2020 |
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- **Departmental Responsibilities:-** MESA Coordinator, ISTE Dept. Coordinator, Feedback Co-coordinator
- **Other Experience/Responsibilities If Any :-**
 - 1.Criteria X coordinator of NBA process
 2. SAE Coordinator from 2015-2017
 3. Guided/Participated T.E Mechanical Student for SAE Competition on EFFI Cycle 1st Round at C.D.G.I., Indore on 12/7/2015 to 12/7/2015
 4. Guided/Participated T.E Mechanical Student for SAE Competition on EFFI Cycle 2nd Round at L.P.U., Punjab on 15/10/2015 to 18/10/2015
 5. Guided/Participated BE Mech. Students for BAJA SAE INDIA 2017 competition for Virtual round at Chitkara University, Bengaluru on 14/7/2017 to 15/7/2017
- **Social Contribution If Any:-** Panhala Fort Swachata Abhiyan under MESA on 19/2/2016
- **Professional Membership If Any:-** ISTE, SAE (Society of Automotive Engineers)