

**Internal Quality Assurance Cell**

**DEPARTMENT OF PRODUCTION ENGINEERING**

**ANNUAL REPORT**

**(15 JUNE 2022 to 14 June 2023)**

**TERM ONE: 15 June 2022 to 30 November 2022**

**TERM TWO: 01 December 2022 to 14 June 2023**

**Academic Year 2022 – 23**

***Guidelines:***

*Fill up this sheet for all the contributions /activities conducted at* ***Department level only.***

* *In case data does not exist please mention it as ‘No Data’.*
* *Please add rows to the table below to suit your requirements*
* *Ensure that data does not differ from other official records and all the supporting documents are available.*
* ***Use: Font Type: Times New Roman, Font Size: 12, Sentence case, Spacing: 1.15***
* ***Use a separate row for every detail.***
* *For any queries, you may contact: Dr C S Choudhari, Coordinator, IQAC*
* *email:* [*iqac@aissmscoe.com*](mailto:iqac@aissmscoe.com)

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1. **PROFILE OF DEPARTMENT**

**1.1 INTRODUCTION**

|  |  |
| --- | --- |
| Year of Establishment | **1994** |
| UG Programmes | **PRODUCTION ENGINEERING** |
| PG Programmes | **NA** |
| Number of Teaching Staff | 09 |
| Number of Non-Teaching Staff | 12 (Production + Workshop) |

**1.2 LABORATORIES IN THE DEPARTMENT**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of Laboratory** | | **Name of Laboratory** | |
| 1 | CAD/CAM Laboratory | 5 | NonTraditional Machine Laboratory |
| 2 | Robot & Automation Laboratory | 6 | Advanced Production Technology |
| 3 | Production Management Laboratory | 7 | Department Central Facility |
| 4 | Tool Engineering Laboratory |

**1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT**

|  |  |  |  |
| --- | --- | --- | --- |
| **Software Available** | | **Software Available** | |
| 1 | Unigraphics Mfg. Bundle 10 nos. and (FEMAP +NASTRAN) 5 nos. and FACTORY CAD-2 nos. and  FACTORY FLOW-02 Nos.and eMplant- 02 Nos. | 5 | ANSYS Academic Teaching + CFD Version 16.2 for (25 user) |
| 2 | Computer Software Autodesk Inventor Professional Edu. License (03) | 6 | JASP- Version 2 (Janatics Animation Software & Pneumatics) (01) |
| 3 | Solid Edge Bundle (Drafting Solid Modeling and Sheet Metal) for 25 user | 7 | Systat Statistical Software -Version 12 (01) |
| 4 | Unigrahics 8.0 Cam Express  (Simulation, Modeling, Tool Path Generation) 20 user |  |  |

**1.4 FACULTY IN THE DEPARTMENT**

|  |  |
| --- | --- |
| **Name of faculty** | **Designation** |
| Dr N G Shekapure | Head & Assistant Professor |
| Mr V Y Sonawane | Assistant Professor |
| Mr V D Dholle | Workshop Superintendent |
| Mr M A Kelkar | Asst Workshop Superintendent |
| Mr S S Kallurkar | Assistant Professor |
| Mr S N Chiwande | Assistant Professor |
| Mr S K Bidgar | Assistant Professor |
| Mr M L Chanpur | Assistant Professor |
| Ms Y K Funde | Assistant Professor |

**1.5 DETAILS OF SUPPORTING STAFF**

|  |  |
| --- | --- |
| **Name of non-teaching staff** | **Designation** |
| Mr Rahul S Gangawane | Technical Assistant |
| Mr A Chopane | Store Keeper |
| Mr N V Walke | Instructor |
| Mr V N Hire | Instructor |
| Mr R M Khedekar | Instructor |
| Mr Sanjay M K | Instructor |
| Mr P D Pawar | Electrician |
| Mr B H Gade | Attendant |
| Mr Y G Patil | Attendant |
| Mr N V Adhav | Attendant |
| Mr A U Dhame | Attendant |

**1.6 STUDENTS’ ENROLLMENT**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Program | GEN | | SC | | ST | | OBC | | PWD | | Others | | Total | |
|  | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** |
| UG (FE) (Prod/Sw) | **-** | **-** | **-** | **-** | **-** | **-** | **1** | **-** | **-** | **-** | **-** | **-** | **1** | **-** |

**1.7 STUDENTS–FACULTY FEEDBACK DETAILS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | |
| Sr. No. | **Name of faculty** | **Class and Subject taught** | **Feedback (I) (%)** | **Feedback (II) (%)** | **Average**  **Feedback (%)** |
| 1 | Dr N G Shekapure | BE Prod SW, Creative Product Design | 87 | 93 | 90 |
| 2 | Mr V Y Sonawane | BE Prod SW, Manufacturing Automation | 68 | 81 | 74.50 |
| 3 | Mr V D Dholle | BE Prod SW,  Operation Research | 78 | 91 | 84.5 |
| 4 | Mr M A Kelkar | SE Prod SW,  MP I | 90 | 90 | 90 |
| 5 | Mr M A Kelkar | BE Prod SW, Mini Project | 95 | 95 | 95 |
| 6 | Mr S S Kallurkar | SE Prod SW, H&FE | 100 | 100 | 100 |
| **7** | Mr S S Kallurkar | BE Prod SW, Mini Project | 86 | 90 | 88 |
| 8 | Mr S N Chiwande | BE Prod SW,  Industrial Robotics | 80 | 91 | 86 |
| 9 | Mr S K Bidgar | SE Prod SW, Material Science & Metallurgy | 100 | 100 | 100 |
| 10 | Mr M L Chanpur | SE Prod SW, Strength of Materials | 100 | 100 | 100 |
| 11 | Ms Y K Funde | TE Electrical, Industrial & Technology Management | 79 | 79 | 79 |
| 12 | Ms Y K Funde | /BE PSW Mini Project | 79 | 96 | 87.50 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term Two** | | | | | |
| Sr. No. | **Name of faculty** | **Class and Subject taught** | **Feedback (I) (%)** | **Feedback (II) (%)** | **Average**  **Feedback (%)** |
| 1 | Dr N G Shekapure | SE Prod SW, Industrial Engineering & Management | 100 | 96 | 98 |
| 2 | Mr V Y Sonawane | TE Prod SW, Metal Forming and Mold Design | 89 | 87 | 88 |
| 3 | Mr V D Dholle | TE Prod SW,  Kinematics and Design of Machines | 89 | 81 | 85 |
| 4 | Mr M A Kelkar | TE Prod SW,  Metrology & Quality Control | 90 | 90 | 90 |
| 5 | Mr S S Kallurkar | TE Prod SW,  Statistics and Numerical Optimization methods | 89 | 79 | 84 |
| 6 | Mr S N Chiwande | SE Prod SW,  Theory of Machines | 100 | 88 | 94 |
| 7 | Mr S K Bidgar | SE Prod SW, Manufacturing Process - II | 100 | 100 | 100 |
| 9 | Mr M L Chanpur | SE Prod SW, Design of Machine Elements | 99 | 83 | 91 |
| 10 | Mr M L Chanpur | SE Prod SW, Soft Skills | 100 | 84 | 92 |
| 11 | Ms Y K Funde | TE Prod SW,  World Class Manufacturing | 92 | 86 | 89 |
| 12 | Ms Y K Funde | SE Prod SW, Programming in C  Language Lab | 100 | 98 | 99 |

**1.8 RESULT ANALYSIS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term One (Nov/Dec 2021)** | | | | | |
| Name of faculty | Class and Subject Taught | % Passing | Name of faculty | Class and Subject Taught | % Passing |
| **SE** | | | | | |
| Mr K B Kshirsagar | MIII | 96.29 | Mr M A Kelkar | MP I | 100 |
| Mr S S Kallurkar | H & FE | 100 | Mr S K Bidgar | M S & M | 100 |
| Mr M L Chanpur | SOM | 100 |  |  |  |
| **TE** | | | | | |
| Dr N G Shekapure & Staff | IIT (TW) | 100 | Dr N G Shekapure  & Staff | Seminar (OR) | 100 |
| Dr N G Shekapure & Staff | IIT (OR) | 100 | Mr V D Dholle | MT (PP) | 100 |
| Dr N G Shekapure  & Staff | Seminar (TW) | 100 | Mr V D Dholle | MT (TW) | 100 |
| **BE** | | | | | |
| Mr V D Dholle | OR | 100 | Mr S N Chiwande | AE | 100 |
| Ms Y K Funde | M & R | 100 | Dr N G Shekapur | MML | 100 |
| Mr V Y Sonawane | APT | 100 | Mr M A Kelkar | E&HFE | 100 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term Two (May/June 2022)** | | | | | |
| Name of faculty | Class and Subject Taught | % Passing | Name of faculty | Class and Subject Taught | % Passing |
| **SE** | | | | | |
| Dr L S Godse | EIE | 86 | Dr N G Shekapure | IE& M | 71 |
| Mr S N Chiwande | TOM | 75 | Mr S K Bidgar | MP II | 61 |
| Mr M L Chanpur | DME | 61 |  |  |  |
| **TE** | | | | | |
| Mr V D Dholle | KDM | 85 | Mr M A Kelkar | MQC | 90 |
| Mr S S Kallurkar | S&NOM | 90 | Mr V Y Sonawane | MF& MD | 87 |
| Ms Y K Funde | WC MFG | 80 |  |  |  |
| **BE** | | | | | |
| Dr N G Shekapure & Staff | IIT(TW) | 100 | Dr N G Shekapure & Staff | TPP (TW) | 100 |
| Dr N G Shekapure & Staff | IIT(OR) | 100 | Dr N G Shekapure & Staff | TPP (OR) | 100 |
| Dr N G Shekapure  & Staff | Project (TW) | 100 | Mr M A Kelkar | SCM(PP) | 100 |
| Dr N G Shekapure  & Staff | Project(OR) | 100 | Mr M A Kelkar | SCM(TW) | 100 |

**1.9 CLASS RESULT ANALYSIS (All Classes FE to BE)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | | | | | | | | |
| SN | Class | **Number of Students = 154** | | | | | | | | | **Percentage of Passing** | |
| Appeared | Clear Passed | Outstanding  (O)  (9.1 -10) | Excellent  (A+)  (8.1 – 9) | Very Good (A)  (7.1 – 8) | Good (B+)  (6.1 – 7) | Above Average (B)  (5.1 – 6) | Average / pass class  (4 – 5) | Fail (F)  0 – 3.99 | All Clear | With ATKT |
| 1 | SE | 27 | 26 | — | 19 | 7 | — | — | — | — | 96.3 | 100 |
| 2 | TE | 53 | 52 | 52 | — | — | — | — | — | — | 98.12 | 100 |
| 3 | BE | 73 | 73 | 72 | 1 | — | — | — | — | — | 100 | — |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Term Two** | | | | | | | | | | | | |
| SN | **Class** | **Number of Students = 155** | | | | | | | | | **Percentage of Passing** | |
| Appeared | Clear Passed | Outstanding  (O)  (9.1 -10) | Excellent  (A+)  (8.1 – 9) | Very Good (A)  (7.1 – 8) | Good (B+)  (6.1 – 7) | Above Average (B)  (5.1 – 6) | Average / pass class  (4 – 5 ) | Fail  (F)  0 – 3.99 | All Clear | With ATKT |
| 1 | SE | 28 | 13 | — | 2 | 10 | 1 | — | — | — | 43 | 100 |
| 2 | TE | 54 | 39 | 12 | 23 | 4 | — | — | — | — | 72.22 | 100 |
| 3 | BE | 73 | 73 | 69 | 4 | — | — | — | — | 100 | — | — |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Term Two Final Result for BE Classes (Based on CGPA)** | | | | | | | | | | | | | |
| SN | Class | Number of Students | | | | | | | | | **Percentage of Passing** | |  |
| Appeared | Clear Passed | Outstanding  (O)  (9.1 -10) | Excellent  (A+)  (8.1 – 9) | Very Good (A)  (7.1 – 8) | Good (B+)  (6.1 – 7) | Above Average (B)  (5.1 – 6) | Average / pass class  (4 – 5) | Fail (F)  0 – 3.99 | All Clear | With ATKT |  |
| 1 | BE | 73 | 73 | 69 | 4 | — | — | — | — | — | 100 | — |  |

**1.10 UNIVERSITY RANKERS (Consider last five academic years)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year 2021 - 22 (Oct 21) Academic Term I** | | | |
| **Sr No** | **Name of the Ranker** | **Class** | **Rank** |
| 1 | DHAKE PURVESH PRAVIN | SE | 1st |
| 2 | DESHMUKH SHRIGANESH PRAVINCHANDRA | SE | 2nd |
| 3 | YASH JAGDISH TADAS | SE | 3rd |
| 4 | MANDHARE ATHARVA RAVINDRA | SE | 4th |
| 5 | PATIL ADITYA KAILAS | SE | 4th |
| 1 | THAKARE JANHAVI CHANDRASHEKHAR | TE | 1st |
| 2 | PAWAR SHANKAR GANESH | TE | 2nd |
| 3 | SONAR PRATIK DATTATRAY | TE | 2nd |
| 4 | CHAWARE KARTIKI SHANKAR | TE | 3rd |
| 5 | JAJU KESHAV MATHURADAS | TE | 4th |
| 1 | SHINDE RAJVEER VEERENDRA | BE | 1st |
| 2 | SHINDE ANURAG AVADHUT | BE | 1st |
| 3 | MARKANDE KALYANI MILIND | BE | 1st |
| 4 | SARODE OMKAR SANJAY | BE | 2nd |
| 5 | PAWAR PRATHAMESH JIJABHAU | BE | 3rd |

|  |  |  |  |
| --- | --- | --- | --- |
| **Year 2021 - 22 (May 22) Academic Term II** | | | |
| **Sr No** | **Name of the Ranker** | **Class** | **Rank** |
| 1 | DESHMUKH SHRIGANESH P | SE | 1st |
| 2 | GHAROTE SAISHNU SANJAY | SE | 2nd |
| 3 | PATIL ADITYA KAILAS | SE | 3rd |
| 4 | THAKUR EKTA SHANMUKH | SE | 4th |
| 5 | MANDHARE ATHARVA RAVINDRA | SE | 5th |
| 1 | MANE HRUSHIKESH GORAKH | TE | 1st |
| 2 | WAGH RUTUJA SURESH | TE | 2nd |
| 3 | CHAWARE KARTIKI SHANKAR | TE | 3rd |
| 4 | KADAM RUTUJA UDAY | TE | 3rd |
| 5 | AMRUTKAR RUSHIKESH LAXMAN | TE | 4th |
| 1 | SHREYASH DNYANDEO ASANE | BE | 1st |
| 2 | SOMOSHI AKSHAY RAKHMAJI | BE | 2nd |
| 3 | KAKADE PRATIKSHA ANANT | BE | 3rd |
| 4 | KACHI OMKAR BIPIN | BE | 4th |
| 5 | RANE TEJAS ATUL | BE | 4th |

1. **FACULTY CONTRIBUTION**

**2.1 ACHIEVEMENTS OF FACULTY**

*(AWARDS, RECOGNITION, PHD COMPLETION ETC.)* (ALL FACULTIES)

|  |  |  |
| --- | --- | --- |
| SN | Name of Faculty | Awards & Recognitions |
| 1 | Dr N G Shekapure | Elected as a BOS Member (Production & Industrial Engineering) at SPPU, Pune |
| 2 | Mr V Y Sonawane | Eminent Jury member National convention, Indian Institution of Industrial engineering Pune chapter 16th and 17th December 2022 theme paper contest |

**2.2 CONTRIBUTION OF FACULTY (Interaction with outside world)**

|  |  |  |
| --- | --- | --- |
| **Term One** | | |
| **SN** | **Name of Faculty** | **Nature and details of contribution (Representation at University, State, National, International level, corporate world, Social Platforms, etc)** |
| 1 | Dr N G Shekapure | Delivered a Expert lecture on topic “Ensuring Students Engagement during Online teaching”, at FabTech College of Engineering on 25/08/2022 |
| 2 | Mr S K Bidgar | Published an International Patent on “Hybrid Technology for Facilitating Parking for Vehicles in Congested Areas” on 03/08/2022. |

|  |  |  |
| --- | --- | --- |
| **Term Two** | | |
| **SN** | **Name of Faculty** | **Nature and details of contribution (Representation at University, State, National, International level, corporate world, Social Platforms, etc)** |
| 1 | Mr V Y Sonawane | **Resource person for** One Week Short Term Training Program (STTP) on “EMERGING TRENDS IN MECHANICAL ENGINEERING” at Dr. V. B. Kolte College of Engineering, Malkapur Dist-Buldana, In association with ISTE Local Chapter |
| 2 | S S Kallurkar | Published and Presented paper at International Conference on Material Characterization at GHIRET Hyderabad titled “Identifying User Experience Issues For Computer Aided Design  (CAD) Software: A Survey and Exploratory Factor Analysis To  Identify The Issues To Implement Artificial Intelligence For  Improving User Experience.” |

**2.3 E-CONTENT DEVELOPED BY FACULTY AND AVAILABLE ONLINE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **Sr No.** | **Name of Faculty** | **Title of e-content** | **e-content development facility/platform** | **Link of the content** |
| 1 | Ms Y K Funde | PPT/ Video | Mail/ Whatsapp |  |
| 2 | Mr M L Chanpur | Lecture Notes | Google Drive and ERP |  |
| 3 | Dr N G Shekapure | PPT / Lecture Notes / Question Bank | Google Drive |  |
| 4 | Mr V Y Sonawane | PPT / Lecture Notes / Question Bank | Mail/ Whatsapp Google Drive |  |
| 5 | Mr Veejhay Dholle | PPT / Lecture Notes / Question Bank | Google Drive |  |
| 6 | Mr S K Bidgar | PPT / Lecture Notes / Question Bank | Google Drive and Whatsapp Group |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **Sr No.** | **Name of Faculty** | **Title of e-content** | **e-content development facility/platform** | **link of the content** |
| 1 | Ms Y K Funde | PPT/ Video | Mail/ Whatsapp |  |
| 2 | Mr V Y Sonawane | PPT / Lecture Notes / Question Bank | Google Drive |  |
| 3 | Mr M L Chanpur | Lecture Notes | Google Drive and ERP |  |
| 4 | Mr S K Bidgar | PPT / Lecture Notes / Question Bank | Google Drive and Whatsapp Group |  |

**2.4 FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| S N | **Name of Faculty** | **Title of the FDP/STTP** | **Organized by** | **Duration/ Dates** |
| 1 | Mr S N Chiwande | Developing Soft Skills & Personality | NPTEL MoE GoI & IITK | 08 Week Course |
| 2 | Mr M L Chanpur | Trends and Challenges in Development of Electric Vehicles and Hybrid Electric Vehicles | Lendi Institute of Engineering and Technology, Kakinada | 01 Week |
| 3 | Dr N G Shekapure | E-Learning Authoring Tools | NITTTR, Chennai | 01 Week |
| 4 | Dr N G Shekapure | Entrepreneurship Development and Start-ups | NITTTR, Chennai | 01 Week |
| 5 | S S Kallurkar | E-Learning Authoring Tools | NITTTR, Chennai | 01 Week |
| 6 | S S Kallurkar | Entrepreneurship Development and Start-ups | NITTTR, Chennai | 01 Week |
| 7 | Mr V Y Sonawane | FDP on One Week Faculty Development Program on “Machine Learning” | Sinhgad Institute of Technology, Lonavala | 01 Week |
| 8 | Mr V Y Sonawane | FDP on Trends and challenges in the development of Electrical vehicles and Hybrid electrical vehicles (Series 1) | Lendi Institute of Engineering and Technology Vizianagaram, Andhra Pradesh | 01 Week |
| 9 | Mr V Y Sonawane | FDP on One Week Faculty Development Programme (Online) on “Industry 4.0 & Smart Manufacturing” | Padm. Dr. V. B. Kolte College of Engineering | 01 Week |
| 10 | Mr V Y Sonawane | FDP on 14th Summer School in Tribology | Indian Oil Institute of Petroleum Management (IiPM), Gurugram | 01 Week |
| 11 | Mr Veejhay Dholle | Laser Based Manufacturing | NPTEL MoE GoI & IIT Guwahati | 08 Week Course |
| 12 | Mr S K Bidgar | LaTeX and Desktop Publishing | NITTTR, Chennai | 01 Week |
| 13 | Mr S K Bidgar | E-Learning Authoring Tools | NITTTR, Chennai | 01 Week |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **S N** | **Name of Faculty** | **Title of the FDP/STTP** | **Organized by** | **Duration/ Dates** |
| **01** | Mr S N Chiwande | IoT based Predictive Analytics using Artificial Intelligent | ATAL FDP | 13/02/2023 to  24/02/2023 |
| **02** | Mr V Y Sonawane | One Week Short Term Training Program (STTP) on “EMERGING TRENDS IN MECHANICAL ENGINEERING”  Dr. V. B. Kolte College of Engineering, Malkapur Dist-Buldana, | ISTE | **13th March 2023 to 17th March 2023** |
| **03** | Mr S K Bidgar | One Week National Level Faculty Development Program on “Recent Advancement in Material, Micro-Manufacturing and Characterization (RAMMC-23) | ISTE | 13 - 17 March 2023 |

**2.5 SEMINARS/ WORKSHOPS/ WEBINARS ATTENDED BY THE DEPARTMENT FACULTY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **S N** | **Name of Faculty** | **Title of the Seminar/Webinar** | **Organized By** | **Duration/ Dates** |
| 1 | Mr S N Chiwande | Energy Literacy Training | Energy Swaraj Foundation | 27/02/2023 |
| 2 | Ms Y K Funde | Lean six Sigma yellow belt certification program | Binghamton University, USA | 15/10/2022 to 18/10/2022 |
| 3 | Ms Y K Funde | Energy Literacy Training | Energy Swaraj Foundation | 23/02/2023 |
| 4 | Dr N G Shekapure | PARAKH AICTE Self learning Assessment Test | AICTE | 04/10/20227 |
| 5 | Mr V D Dholle | PARAKH AICTE Self learning Assessment Test | AICTE | 17/10/2022 |
| 6 | Mr M L Chanpur | Triz Talk Chapter 7 | Triz Asia | 29/07/2022 |
| 7 | Mr S N Chiwande | A one-day workshop on industrial robotics | Autofina Robotics. | 30/07/2022 |
| 8 | Mr S N Chiwande | “What do you mean by Prakriti, How disease is formed? Solution is Agnihotra Healing.” | AISSMS COE & NSS | 26/08/2022. |
| 9 | Mr S N Chiwande | “Rejuvenate with Yoga” | NSS and FE Department | 05/09/2022 |
| 10 | Mr S N Chiwande | "Awareness in Industrial Automation & PLC-SCADA '' delivered by Sofcon India Pvt Ltd on | Department of Production Engineering | 15/09/2022. |
| 11 | Mr S N Chiwande | Attended PCSIC Startup Conclave | PCSIC, Pune | 22/12/2022 |
| 12 | Mr V Y Sonawane | Attended Webinar  Augmented Reality in  Learning Environment  Resource Person Dr.  Syed Ali Fathima | Kumaraguru  College of  Technology  Coimbatore | 25/07/2022 |
| 13 | Mr V Y Sonawane | Attended a Seminar by Ayurvedacharya, an event coordinated with NSS on the topic “What do you mean by  Prakriti, how disease is  formed? Solution is  Agnihotra Healing.” | AISSMS COE | 26/08/2022 |
| 14 | Mr V Y Sonawane | Attended a guest lecture  on “Rejuvenate with  Yoga”, which was organized by the NSS and FE  Department | AISSMS COE | 05/09/2022 |
| 15 | Mr V Y Sonawane | Attended online Inauguration Ceremony of SPPU Pavilion Building,  Synthetic Track and  Indoor Hall | Savitribai Phule Pune University | 07/07/2022 |
| 16 | Mr V Y Sonawane | Attended Unnat Bharat  Abhiyan, | MHRD Govt. of  India program at AISSMS COE | 07/07/2022. |
| 17 | Mr V Y Sonawane | Attended “YUVAWANI-Author's meet”, an initiative of  Shivdarpan Magazine  Committee, | AISSMS COE | 29/08/2022 |
| 18 | Mr M A Kelkar | Energy Literacy Training | Energy Swaraj Foundation | 27/02/2023 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **S N** | **Name of Faculty** | **Title of the Seminar/Webinar** | **Organized By** | **Duration/ Dates** |
| 1 | Dr N G Shekapure | Energy Literacy Training | Energy Swaraj Foundation | 20/02/2023 |
| 2 | Mr S N Chiwande | Energy Literacy Training | Energy Swaraj Foundation | 27/02/2023 |
| 3 | Mr V Y Sonawane | Energy Literacy Training | Energy Swaraj Foundation | 27/02/2023 |
| 4 | Mr M L Chanpur | Energy Literacy Training | Energy Swaraj Foundation | 27/02/2023 |
| 5 | Mr V Dholle | Energy Literacy Training | Energy Swaraj Foundation | 27/02/2023 |
| 6 | Mr S N Chiwande | Symbol of Knowledge | AISSMS COE NSS | 13/04/2023 |
| 7 | Dr N G Shekapure | Symbol of Knowledge | AISSMS COE NSS | 13/04/2023 |
| 8 | Mr S K Bidgar | Symbol of Knowledge | AISSMS COE NSS | 13/04/2023 |
| 9 | Mr S N Chiwande | Intellectual Property Rights: An overview for Innovation & Growth” | Production Engineering Department AISSMS COE | 14/03/2023 |
| 10 | Mr V Y Sonawane | Intellectual Property Rights: An overview for Innovation & Growth” | Production Engineering Department AISSMS COE | 14/03/2023 |
| 11 | Mr S K Bidgar | Intellectual Property Rights: An overview for Innovation & Growth” | Production Engineering Department AISSMS COE | 14/03/2023 |
| 12 | Dr N G Shekapure | Intellectual Property Rights: An overview for Innovation & Growth” | Production Engineering Department AISSMS COE, Pune on | 14/03/2023 |
| 13 | Mr M A Kelkar | Intellectual Property Rights: An overview for Innovation & Growth” | Production Engineering Department AISSMS COE, Pune | 14/03/2023 |
| 14 | Mr S N Chiwande | NASSCOM SME Confluence 2023, Pune | NASSCOM | 23/03/2023 |
| 15 | Ms Y K Funde | “Symbol of Knowledge” | AISSMS COE NSS | 13/04/2023 |
| 16 | Mr S K Bidgar | Energy Literacy Training | Energy Swaraj Foundation | 27/02/2023 |

**2.6 CONFERENCES/ SYMPOSIUMS ATTENDED BY THE DEPARTMENT FACULTY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **S N** | **Name of Faculty** | **Title of the Conference / Symposium** | **Organized By** | **Duration/ Dates** |
| 1 |  |  |  |  |

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| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **S N** | **Name of Faculty** | **Title of the Conference / Symposium** | **Organized By** | **Duration/ Dates** |
| **1** | Mr S S Kallurkar | International Conference on Material Characterization 2023 (ICMPC 2023). | GRIET Hyderabad | 24/03/2023 to 26/03/2023 |

**2.7 ONLINE COURSES / CERTIFICATE COURSES COMPLETED BY DEPARTMENT FACULTY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **S N** | **Name of Faculty** | **Title of the Course** | **Conducted By** | **Duration/ Dates** |
| **1** | Mr M L Chanpur | Matlab Modelling of Physical Systems | Inspire Infotech Solutions | 26/11/2022 to 28/11/2022 |
| **2** | Mr V D Dholle | Laser Based Manufacturing- NPTEL Course | IIT- Guwahati | 8 Weeks  (22 August -14 Oct 2022) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **S N** | **Name of Faculty** | **Title of the Course** | **Conducted By** | **Duration/ Dates** |
| **01** |  |  |  |  |

**2.8 EXTENSION LECTURES / WEBINARS (Lectures organized on other than technical topics))**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | |
| **S N** | **Name of faculty coordinator** | **Topic** | **Name and contact details of guest** | **Date** | **Number of beneficiaries** |
| 1 | Dr N G Shekapure | “'Opportunities for higher education in Germany after an Undergraduate Degree’ | Miss Aishwarya Bhosale | 21/09/2022 | 26 |
| 2 | Mr V Y Sonawane | Organized  Engineers Day  with production  Students and  Faculty | AISSMS COE Pune  Production Department | 15/09/2022 | 35 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term Two** | | | | | |
| **S N** | **Name of faculty coordinator** | **Topic** | **Name and contact details of guest** | **Date** | **Number of beneficiaries** |
| 1 |  |  |  |  |  |

**2.9 FACULTY SERVED AS RESOURCE PERSON, EXPERT, CHAIRPERSON**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **S N** | **Name of Faculty** | **Title of Activity** | **Organizing body** | **Date** |
| 1 | Dr N G Shekapure | Ensuring Students Engagement during Online teaching | FabTech College of Engineering | 25/08/2022 |
| 2 | Dr N G Shekapure | Judge for Avishkar Competition 2022-23 | AISSMS COE, Pune | 15/09/2022 |
| 3 | Mr S N Chiwande | FE Induction on Entrepreneurship Awareness | FE Department, AISSMS COE, Pune | 21/11/2022 to  24/11/2022 |
| 4 | Mr V Y Sonawane | Judge for Avishkar Competition 2022-23 | AISSMS COE, Pune | 15/09/2022 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **S N** | **Name of Faculty** | **Title of Activity** | **Organizing body** | **Date** |
| 1 | Mr S N Chiwande | Appointed as judge for FTC-Asia Pacific Robotic Competition 2022–23 at Shree Shiv Chhatrapati Sports Complex, Pune | FTC-Asia Pacific Robotic | 10/03/2023 to 12/03/2023 |
| 2 | Mr S N Chiwande | Delivered the lecture in Entrepreneurship Awareness Camp sponsored by DST GoI, under E&SD-Cell | AISSMS E&SD Cell in association with DST GoI | 08/02/2023 |

**3. ACTIVITIES ORGANIZED**

**3.1 FDP/STTP ORGANIZED BY THE DEPARTMENT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | |
| **S N** | **Name of faculty coordinator** | **Title of the FDP/STTP/WS/Seminar/Symposium** | **Duration/ Dates** | **No. of Participants** | **Funding Agency**  **(If any) and Amount (Rs.)** |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term Two** | | | | | |
| **S N** | **Name of faculty coordinator** | **Title of the FDP/STTP/WS/Seminar/Symposium** | **Duration/ Dates** | **No. of Participants** | **Funding Agency**  **(If any) and Amount (Rs.)** |
|  |  |  |  |  |  |

**3.2 SEMINARS/ WORKSHOPS/ WEBINARS ORGANIZED BY THE DEPARTMENT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | |
| **S N** | **Name of Coordinator/s** | **Title of the Seminar/Webinar** | **Duration/ Dates** | **No. of Participants** | **Funding Agency**  **(If any) and Amount (Rs.)** |
| **1** | Mr S N Chiwande | AISSMS CoE, ESD-cell organized a two-day training on the “Entrepreneur Awareness Program” in collaboration with BYST, Pune | 29/08/2022  to 30/08/2022 | 20 | BYST, Pune |
| 2 | Mr S N Chiwande | Entrepreneurship Pune Summit in association with IIT-B & AISSMS COE Pune | 24/11/2022 to 26/11/2022 | 200 | AISSMS COE, Pune  Rs 29000/- |
| 3 | Mr V Y Sonawane | Organised one day  workshop PLC /SCADA  awareness for Industrial  Automation with Sofcon  India Pvt Lid Pune | 11/09/2022 | 48 | AISSMS COE Pune, Production  Department  collaboration with Sofcon  India Pvt Lid Pune |
|  | Mr V Y Sonawane | Industrial visit at  Automation EXPO 2022  Bombay Exhibition  Center at Goregaon  Mumbai | 15/09/2022 | 48 | Bombay Exhibition  Center at Goregaon  Mumbai |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term Two** | | | | | |
| **S N** | **Name of Coordinator/s** | **Title of the Seminar/Webinar** | **Duration/ Dates** | **No. of Participants** | **Funding Agency**  **(If any) and Amount (Rs.)** |
|  | Mr V Y Sonawane | Event Name: “**Intellectual Property Rights: An Overview for Innovation and Growth.**”  Guest Name: Mr ARPIT JAIN  Topic : Examiner of Patents and Designs & NIPAM officer Patent office, Mumbai DPIIT, Ministry of commerce and industry, Govt. of India | **14/03/2023** | 109 | NIPAM office Patent office, Mumbai DPIIT, Ministry of commerce and industry, Govt. of India |

**3.3 CONFERENCES/ SYMPOSIUMS ORGANIZED BY THE DEPARTMENT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | |
| **S N** | **Name of Coordinator/s** | **Title of the Conference / Symposium** | **Duration/ Dates** | **No. of Participants** | **Funding Agency**  **(If any) and Amount (Rs.)** |
|  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **Term Two** | | | | | |
| **S N** | **Name of Coordinator/s** | **Title of the Conference / Symposium** | **Duration/ Dates** | **No. of Participants** | **Funding Agency**  **(If any) and Amount (Rs.)** |
|  |  |  |  |  |  |

**3.4 EXTENSION ACTIVITIES CONDUCTED BY THE DEPARTMENT**

**(Social activities / Quizzes at national/international level/any other activity)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **S N** | **Name of Faculty Coordinator** | **Details of activity conducted** | **Date** | **Number of beneficiaries** |
| 1 |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **S N** | **Name of Faculty Coordinator** | **Details of activity conducted** | **Date** | **Number of beneficiaries** |
| 1 |  |  |  |  |

**3.5 MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANIZATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Name of Organisation** | **Date**  **of MoU Signed** | **Valid upto**  **00/00/0000** |
| 1 | Mr S N Chiwande | BYST, Pune | 04/12/2020 | 04/12/2025 |
| 2 | Mr S N Chiwande | Pune Management Association, Pune | 20/09/2021 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Name of Organisation** | **Date**  **of MoU Signed** | **Valid upto**  **00/00/0000** |
| 01 | Mr S N Chiwande | B&R Industrial Automation, Pune | 01/03/2023 | 01/03/2025 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Total Functional / Live MoU initiated by Department** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Name of Organisation** | **Date**  **of MoU Signed** | **Valid upto 00/00/0000** |
| 01 | Dr N G Shekapure | Elon Power Pvt. Ltd | 22/02/2022 | 21/02/2027 |
| 02 | Ms Y K Funde | Univision Automation Pune | 08/01/2021 | 20/01/2026 |
| 03 | Ms Y K Funde | Sofcon PvT Ltd Pune | 18/10/2017 | 17/10/2022 |
| 04 | Mr M L Chanpur | Aarohi Industries | 18/01/2021 | 20/01/2026 |
| 05 | Mr S K Bidgar | UB Cryogenic Solutions LLP Pune | 04/03/2022 | 03/03/2022 |
| 06 | Mr S N Chiwande | BYST, Pune | 04/12/2020 | 04/12/2025 |
| 07 | Mr S N Chiwande | Pune Management Association, Pune | 20/09/2021 |  |
| 08 | Mr S N Chiwande | B&R Industrial Automation, Pune | 01/03/2023 | 01/03/2025 |

**3.6 STUDENTS’ CHAPTERS/CLUBS**

|  |  |  |
| --- | --- | --- |
| Sr. No | Name of Students’ Chapter | Number of Student Members |
| 1 | IE(I) Production Engineering Students Chapter | Nil |
|  |  |  |

**EVENTS ORGANISED (By Students’ Chapters / Clubs and others)**

**Name of Students’ Chapter:** IE(I) Production Engineering Students Chapter

**Faculty Advisor: Mr Veejhay Dholle**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **SN** | **Event name and details of event** | **Name of chief guest, judges etc.** | **Duration and Dates** | **Number of beneficiaries** |
| 1 | Seminar by Ayurvedacharya, an event coordinated with NSS on the topic “What do you mean by Prakriti, How disease is formed? Solution is Agnihotra Healing.” | Dr. Girija Rajimwale | 26/08/2022. | 60 |
| 2 | One day Seminar- Awareness of Industrial Automation for PLC - SCADA along with Sofcon India Pvt. Ltd Pune | Sofcon India Ltd., | 15/09/2022 | 42 |
| 3 | Organized Engineers Day with production Students and Faculty | 1.Mr. Shubham Sharma 2.Ms. Priya Morgaonkar  Sofcon India Pvt. Ltd., | 15/09/2022 | 42 |
| 4 | Expert talk on “Opportunities for Higher Studies in Germany” | Ms Aishwarya Bhosale | 21/09/2022 | 19 |
| 5 | Industrial Visit of BE PSW Students at Automation 2022, Mumbai | Mr S S Kallurkar | 18/08/2022 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **SN** | **Event name and details of event** | **Name of chief guest, judges etc.** | **Duration and Dates** | **Number of beneficiaries** |
|  |  |  |  |  |

**3.7 SOCIAL ACTIVITIES ORGANISED (NSS, Women empowerment, Awareness Programms, etc.)**

|  |  |  |  |
| --- | --- | --- | --- |
| Term One | | | |
| Faculty coordinator | Name of Activity | Date, Duration | Number of students involved |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Term Two | | | |
| Faculty coordinator | Name of Activity | Date, Duration | Number of students involved |
|  |  |  |  |

**3.8 PARENT MEETING**

|  |  |  |  |
| --- | --- | --- | --- |
| Faculty Coordinator | Day and Date | Details of Parent meetings organized | Number of Parents attended |
|  |  |  |  |

**3.9 ALUMNI MEET**

|  |  |  |  |
| --- | --- | --- | --- |
| Faculty Coordinator | Day and Date | Details of Alumni meetings organized | Number of Alumni attended |
|  |  |  |  |
| Mr M A Kelkar | Saturday, 25/02/2023 | as per report | 45 |

**3.10 SUPPORT FROM ALUMNI:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Term One | | | | | |
| Sr No | Name of Alumni | Position and Organization | Batch  (e.g. 2014 – 2018) | Details of Support | Date |
| 1 | Miss Aishwarya Bhosale | MS Student at University of Hof, Germany | 2018-2021 | Delivered a Expert lecture on topic “'Opportunities for higher education in Germany after an Undergraduate Degree’ | 21/09/2022 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Term Two | | | | | |
| Sr No | Name of Alumni | Position and Organization | Batch  (e.g. 2014 – 2018) | Details of Support | Date |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**3.11 INTERACTION WITH ALUMNI**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term One | | | | |
| S N | Name of Alumni and Activity coordinator | Details of Activity conducted | Date and duration | Total Number of beneficiaries |
| 01 | Miss Aishwarya Bhosale | Expert lecture | 21/09/2022 | 32 |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term Two | | | | |
| S N | Name of Alumni and Activity coordinator | Details of Activity conducted | Date and duration | Total Number of beneficiaries |
|  |  |  |  |  |
|  |  |  |  |  |

**3.12 DETAILS OF STUDENT COUNSELING AND CAREER GUIDANCE AT THE DEPARTMENT LEVEL**

|  |  |
| --- | --- |
| Number of students referred for counseling |  |
| Number of Faculty referred for counseling | **9** |

|  |  |
| --- | --- |
| Faculty coordinator | CAREER GUIDANCE ACTIVITY DETAILS |
|  |  |
|  |  |

|  |
| --- |
|  |
| Glimpses of the Alumni Meet on 25/02/2023  Department of Production Engineering |
|  |
| Department Advisory Board Meeting on 04/03/2023 |
|  |
| Mr V Y Sonawane as a resource person |
|  |
| Glimpses of the Event organized by Department of Production Engineering |
|  |
| Dr D S Brormane, Principal AISSMS, COE facilitated the guest Mr Arpit Jain on 14/03/2023 |

1. **RESEARCH CONTRIBUTION**

**4.1 FUNDED RESEARCH PROJECT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term One | | | | |
| S N | Principal Investigator | Title of the Project | Amount Received (Rs) | Funding Agency |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term Two | | | | |
| S N | Principal Investigator | Title of the Project | Amount Received (Rs) | Funding Agency |
|  |  |  |  |  |

**FUNDING RECEIVED FOR ANY OTHER ACTIVITY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term One | | | | |
| S N | Faculty Coordinator | Title of the activity | Amount Received (Rs) | Funding Agency |
| 1 |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term Two | | | | |
| S N | Faculty Coordinator | Title of the activity | Amount Received (Rs) | Funding Agency |
| 1 |  |  |  |  |

**4.2 TESTING AND CONSULTANCY**

|  |  |  |  |
| --- | --- | --- | --- |
| Term One | | | |
| Sr. No. | Faculty Coordinator | Details of Testing & Consultancy Conducted | Total Revenue Generated (Rs.) |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Term Two | | | |
| Sr. No. | Faculty Coordinator | Details of Testing & Consultancy Conducted | Total Revenue Generated (Rs.) |
|  |  |  |  |

**4.3 PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term One | | | | |
| Sr No. | Name of Faculty | Name of the Patent | Patent Number and Date | Type (National/  International/Com  mercialized) |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term Two | | | | |
| Sr No. | Name of Faculty | Name of the Patent | Patent Number and Date | Type (National/  International/Com  mercialized) |
| 1 | Dr N G Shekapure | IOT BASED SOLAR POWERED AGRICULTURE ROBOT | 381449-001  Date: 14/03/2023 | National |

**PUBLICATIONS**

**4.4 PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Term One | | | | | | |
| S. No | Authors | Document Details | Year | Conference Details | ISBN | Organized  by |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Term Two | | | | | | |
| S. No | Authors | Document Details | Year | Conference Details | ISBN | Organized  by |
|  |  |  |  |  |  |  |

**4.5 PAPERS PUBLISHED IN JOURNALS**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Term One | | | | | | | | | | | | |
| S. No | | Authors | | Document Details | | Year | | Source Details | | ISBN/  ISSN | | Publisher |
| 1 | | Dr N G Shekapure | | Evaluation of Success Factors in Professional Business Incubation, pg no. 202-210 | | 2022 | | Journal Of Optoelectronics Laser  Volume 41 Issue 8 | | 1005-0086 | | Journal Of Optoelectronics Laser |
| 2 | Dr N G Shekapure | | Survey Paper on Extraction of 3D image Data for Detecting Chest Diseases, pg no. 249-253 | | 2022 | | Journal of Optoelectronics Laser  Volume 41 Issue 8 | | 1005-0086 | | Journal of Optoelectronics Laser | |
| 3 | Dr N G Shekapure | | Cognitive Analysis of Employer for Identifying Incubation Success Factors, pg no. 6139-6147 | | 2022 | | Journal of NeuroQuantology Volume 20 | Issue 6 | | 1303-5150 | | Journal of NeuroQuantology | |
| 4 | Dr N G Shekapure | | Cognitive Analysis of User for Suggesting Learning Objects, pg no. 6130-6138 | | 2022 | | Journal of NeuroQuantology Volume 20 | Issue 6 | | 1303-5150 | | Journal of NeuroQuantology | |
| 5 | Dr N G Shekapure | | Clinical Data Analysis of Patient and Recommendation, pg no. 6148-6155 | | 2022 | | Journal of NeuroQuantology Volume 20 | Issue 6 | | 1303-5150 | | Journal of NeuroQuantology | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Term Two | | | | | | |
| S. No | Authors | Document Details | Year | Source Details | ISBN/  ISSN | Publisher |
| 1 | Dr N G Shekapure, Mr S S Kallurkar | Improving Productivity by Using RULA: A Case Study | 2023 | Scandinavian Journal of Information Systems, Vol 35 No 1, Pg No 219-225 | 0905-0167 | Scandinavian Journal of Information Systems |

4.6 BOOK/ ARTICLE PUBLICATIONS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term One | | | | |
| Author | Title of the Book | Published by | ISBN | Year |
| Dr N G Shekapure | Data Analysis for Technical Business Incubation Performance Improvement, pg no. 195 to 211 | Data Science: Techniques and Intelligent Application | 9781003283249 | 2022 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term Two | | | | |
| Author | Title of the Book | Published by | ISBN | Year |
|  |  |  |  |  |
|  |  |  |  |  |

4.7 RESEARCH CITATIONS (Source of Data: Google scholar) (As on 30thMay)

|  |  |  |  |
| --- | --- | --- | --- |
| Name of faculty | Citations, h-index, i10 index | Name of faculty | Citations, h-index, i10 index |
| Dr N G Shekapure |  |  |  |
|  |  |  |  |
|  |  |  |  |

Total Citations of Department:

4.8 ME AWARDED (NA)

|  |  |  |  |
| --- | --- | --- | --- |
| Sr No | Name of Supervisor | Title of Thesis | Name of Candidate |
|  |  |  |  |
|  |  |  |  |

4.9 PhD GUIDE DETAILS (NA)

|  |  |
| --- | --- |
| Name of Faculty who are PhD Supervisor | Number of Scholars Registered |
|  |  |
|  |  |

4.10 PhD AWARDED (For departments having Ph.D research centers) (NA)

|  |  |  |  |
| --- | --- | --- | --- |
| Sr No | Name of Supervisor | Title of Thesis | Name of Candidate |
|  |  |  |  |
|  |  |  |  |

**INTERACTION WITH INDUSTRY**

5.1 INDUSTRY VISITS ORGANIZED

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| Sr. No. | Faculty Coordinator | Class and Number of students attended | Industry Name and Address | Date of visit |
| 1 | Mr V Y Sonawane | BE Prod SW 48 | Industrial visit at  Automation EXPO 2022  Bombay Exhibition  Center at Goregaon  Mumbai | 18 th August,  Thursday , 2022 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| Sr. No. | Faculty Coordinator | Class and Number of students attended | Industry Name and Address | Date of visit |
|  |  |  |  |  |

5.2 EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | |
| Sr. No. | Faculty Coordinator | Class  (Number of students attended) | Name, Industry, designation and contact details of Expert | Topic | Date |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term Two** | | | | | |
| Sr. No. | Faculty Coordinator | Class  (Number of students attended) | Name, Industry, designation and contact details of Expert | Topic | Date |
|  |  |  |  |  |  |

5.3 INDUSTRY –SPONSORED PROJECTS (UG/PG) ((Excluding Sandwich Projects)

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Name of Project guide | Title of Industry Sponsored Project | Name of Sponsoring Industry |
|  |  |  |  |

5.4 MOU SIGNED WITH INDUSTRY

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| Sr. No. | Faculty Coordinator | Name of Industry | Date  of MoU Signed | Valid upto  (00/00/0000) |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| Sr. No. | Faculty Coordinator | Name of Industry | Date of MoU Signed | Valid up to  (00/00/0000) |
| 1 | Mr S N Chiwande | B&R Automation, Pune | 01/03/2023 | 01/03/2025 |
| 2 | Ms Y K Funde | Univision Automation Pune | 08/01/2021 | 20/01/2026 |
| 3 | Dr N G Shekapure | Elon Power Pvt. Ltd | 22/02/2022 | 21/02/2027 |
| 4 | Mr S K Bidgar | UB Cryogenic Solutions LLP Pune | 04/03/2022 | 03/03/2022 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TOTAL FUNCTIONAL / LIVE MOU INITIATED BY THE DEPARTMENT | | | | |
| Sr. No. | Faculty Coordinator | Name of Industry | Date  of MoU Signed | Valid upto  (00/00/0000) |
| 1 | Mr M L Chanpur | Aarohi Industries | 18/01/2021 | 20/01/2026 |
| 2 | Ms Y K Funde | Univision Automation Pune | 08/01/2021 | 20/01/2026 |
| 3 | Mr S N Chiwande | B&R Automation | 01/03/2023 | 01/03/2025 |
| 4 | Mr V Y Sonawane | X-Cubator | 18/03/2021 | 18/03/2024 |
| 5 | Dr N G Shekapure | Elon Power Pvt Ltd | 22/02/2022 | 21/02/2027 |

5.5 FACULTY MEMBERS UNDERGO INDUSTRIAL TRAINING

|  |  |  |  |
| --- | --- | --- | --- |
| **Term One** | | | |
| Sr. No. | Name of Faculty | Name of Industry | Dates and Duration |
| 01 | Mr M L Chanpur | Cluster Engineering, Chinchwad | 12/12/2022 to 23/02/2023, (11 week) |

|  |  |  |  |
| --- | --- | --- | --- |
| **Term Two** | | | |
| Sr. No. | Name of Faculty | Name of Industry | Dates and Duration |
|  |  |  |  |

5.6 STUDENTS UNDERGONE IN-PLANT TRAINING AND (OR) INTERNSHIP PROGRAMME (Excluding Sandwich Training)

5.7 LIST OF INDUSTRIES SUPPORTED IN THE ORGANIZATION OF WORKSHOPS/SEMINARS/WEBINARS/CONFERENCES/COURSES AND ANY OTHER CONTRIBUTION OF INDUSTRY

|  |  |  |  |
| --- | --- | --- | --- |
| **Term One** | | | |
| Sr.  No. | Faculty Coordinators | Industry Representative and Name of Industry | Nature of Contribution |
| 01 | Mr M L Chanpur | Mr Rahul Mali, ARaymond Fasteners Pvt Ltd | Industry Institute Interaction and Alumni Interaction at Company on 19/08/2022 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Term Two** | | | |
| Sr.  No. | Faculty Coordinators | Industry Representative and Name of Industry | Nature of Contribution |
|  |  |  |  |

5.8 TRAINING TO INDUSTRY PERSONNEL/ ACTIVITY SUPPORTING TO INDUSTRY

|  |  |  |  |
| --- | --- | --- | --- |
| **Term One** | | | |
| Sr. No. | Faculty Coordinator | Technical Area in which Training Provided / Type of Support | Industry Name |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Term Two** | | | |
| Sr. No. | Faculty Coordinator | Technical Area in which Training Provided / Type of Support | Industry Name |
|  |  |  |  |

5.9 ANY OTHER ACTIVITIES TO PROMOTE INTERACTION WITH INDUSTRY

|  |  |  |  |
| --- | --- | --- | --- |
| **Term One** | | | |
| Sr. No. | Faculty coordinator | Name of Activity | Remark |
| 01 | Mr M L Chanpur | MCCIA Edu Fest 2022 in Maharashtra Chambers of Commerce Senapati Bapat Road on 26/11/2023 | Interacting with Industry HR and Director for identifying their expectation from the colleges |
| 02 | Mr M L Chanpur | Faculty visit to SAJ Test Plant Pvt Ltd, Mundhwa and Jaw Industries | For Placement, IIT and Consultancy. |
| 03 | Dr N G Shekapure | Faculty Visit to Autofina Robotics | Interaction on future prospect in Robotics and Automation |
| 04 | Mr S K Bidgar | Schneider Electric India Pvt. Ltd. A-9/10, MIDC, Ahmednagar | for TE PSW Student visit Reading students Industrial Inplant Training and Project Activity |
| 05 | Mr V Dholle | SAJ Test Plant Pvt Ltd, Mundhwa , Pune | for TE PSW Student visit Reading students Industrial Inplant Training and Project Activity |

|  |  |  |  |
| --- | --- | --- | --- |
| **Term Two** | | | |
| Sr. No. | Faculty coordinator | Name of Activity | Remark |
| 1 | Ms Y K Funde | DAB | Syllabus / Lab development/ CO-PO Framing & mapping |
| 2 | Mr V Y Sonawane | Visit to ALPHA LAVAL Industry PUNE | For Placement, IIT |
| 03 | Mr M L Chanpur | Soudamini Instruments, Pune | For IIT and Placement |
| 04 | Ms Y K Funde | Visit to ElectroFab Pvt Ltd, Pune | BE PSW Student Reading students project activity |
| 05 | Mr S K Bidgar | Harish Trading Company, MIDC, Ahmednagar & Schneider Electric India Pvt. Ltd. A-9/10, MIDC, Ahmednagar | for BE PSW Student visit Reading students Industrial Inplant Training and Project Activity |
| 06 | Mr V Dholle | ATS Conveyors Pvt Ltd., Chakan, Pune | for BE PSW Student visit regarding students Industrial Inplant Training and Project Activity |

5.10 STUDENTS UNDERGONE SANDWICH TRAINING (For Mechanical & Production departments)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | | |
| Sr. No. | Name of the Student | Name of the Industry | Class | Training duration | | |
|  |  |  |  | Start date | Last date | Duration (days) |
| 1 | KALE PRANAV PRATAP | FIAT India Automobile Private limited | TE | 7/12/2022 | 1/4/2023 | 177 |
| 2 | PARNERKAR ATHARVA UMESH | Thermax Limited | TE | 8/5/2022 | 2/5/2023 | 185 |
| 3 | TAKUR EKTA SHANMUKH(EWS) | Vanaz Engineers Ltd | TE | 7/5/2022 | 1/4/2023 | 183 |
| 4 | GHAROTE SAISHNU SANJAY | Thermax LTD | TE | 8/5/2022 | 2/5/2023 | 185 |
| 5 | KHAN MUHAMMED JAWWAD | Sharada Industries | TE | 7/18/2022 | 1/4/2023 | 171 |
| 6 | PATIL ADITYA KAILAS | Cu-built Engineers PVT LTD | TE | 7/5/2022 | 1/5/2023 | 184 |
| 7 | GAIKWAD PRATIK TRUSHANT | Sharada Industries | TE | 7/18/2022 | 1/4/2023 | 171 |
| 8 | TADAS YASH JAGDISH | SKF | TE | 7/18/2022 | 1/11/2023 | 178 |
| 9 | BHOSALE SAHIL MANOJ | Thermax Ltd | TE | 8/5/2022 | 2/5/2023 | 185 |
| 10 | DESHMUKH SHRIGANESH PRAVINCHANDRA | THERMX LTD, Bhosari, Pune. | TE | 8/5/2022 | 2/5/2023 | 185 |
| 11 | DESHMUKH SATYAJEET GOPALKRUSHNA | SKF India Pvt | TE | 7/4/2022 | 1/4/2023 | 184 |
| 12 | DHAKE PURVESH PRAVIN | Victory Precision Pvt.Ltd | TE | 7/15/2022 | 1/15/2023 | 185 |
| 13 | KACHI ADITYA GIRISH | SAJ TEST PLANT PUNE | TE | 7/11/2022 | 1/10/2023 | 184 |

(Guide of TE Sem I (ALL))

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term Two** | | | | | | |
| Sr. No. | Name of the Student | Name of the Industry | Class | Training duration | | |
|  |  |  |  | Start date | Last date | Duration (days) |
| 01 | PAWAR SWEJAL RAJENDRA | ADVIK HI-TECH PVT. LTD | BE | 23/12/2023 |  | 180 |
| 02 | MANE HRUSHIKESH GORAKH | ALFA LAVAL INDIA PVT. LTD | BE | 15/01/2023 |  | 180 |
| 03 | MACHE RADHIKA SANJAY | ATHARVA GROUP OF INDUSTRIES PVT LTD | BE | 16/01/2023 |  | 180 |
| 04 | SIDDHANT DEVIDAS PASALKAR | ATLAS COPCO INDIA LIMITED | BE | 16/01/2023 |  | 180 |
| 05 | JAWALKAR ABHISHEK SHEKHAR | ATLAS COPCO INDIA LIMITED | BE | 16/01/2023 |  | 180 |
| 06 | CHAWARE KARTIKI SHANKAR | ATLAS COPCO INDIA LIMITED | BE | 16/01/23 |  | 180 |
| 07 | PATIL AAYUSH SHRINIWAS | ATLAS COPCO INDIA LIMITED | BE | 16/01/2023 |  | 180 |
| 08 | SHIVALIKAR SACHHIDANAND SANJAY | ATLAS COPCO INDIA LIMITED | BE | 17/01/2023 |  | 180 |
| 09 | RITE AKASH SATISH | ATLAS COPCO INDIA LIMITED | BE | 17/1/2023 |  | 180 |
| 10 | THAKARE JANHAVI CHANDRASHEKHAR | ATS CONVEYORS PTV LTD. | BE | 13/ 01/ 2023 |  | 180 |
| 11 | GHARDE NOVIL PRAMOD | CEAT TYRES LTD | BE | 09/01/2023 |  | 180 |
| 12 | DALVI PRAJAKTA HEMANT | CRANE PROCESS FLOW TECHNOLOGY | BE | 1/02/2023 |  | 180 |
| 13 | ABHIJEET PANDEY | GIRNAR ISUZU CARS PVT. LTD | BE | 23/01/2023 |  | 180 |
| 14 | GUJARATI PALASH | HARISH TRADING CO | BE | 01/01/2023 |  | 180 |
| 15 | PATIL DNYANESH MUKUNDA | INTEVA PRODUCTS INDIA AUTOMOTIVE PVT LTD | BE | 15/01/2023 |  | 180 |
| 16 | MULAY KAIWALYA SANDIP | K.K.NAG PVT. LTD | BE | 13/02/2023 |  | 180 |
| 17 | PATIL PRASHANT GOKUL | KAIVALYA ELECTRICALS | BE | 15/01/2023 |  | 180 |
| 18 | JAJU KESHAV MATHURADAS | KNEST ALUFORMS | BE | 27/01/ 2023 |  | 180 |
| 19 | DODAL KALPESH KISHOR | KNEST MANUFACTURERS LLP | BE | 13-01-2023 |  | 180 |
| 20 | THORAT VAIBHAV NANDKISHOR | L. E. TRANSFORMATION | BE | 23/01/2023 |  | 180 |
| 21 | GAIKWAD SUSHANT SHESHRAO | L.E TRANSFORMATION | BE | 23/01/2023 |  | 180 |
| 22 | PATIL AKASH RANGNATH | L.E TRANSFORMATION CONSULTANT FIRM. | BE | 23/01/2023 |  | 180 |
| 23 | KOLEKAR MEHUL BALKRISHNA | L.E. TRANSFORMATION | BE | 23/01/2023 |  | 180 |
| 24 | EKSHINGE PRASAD PANDHARINATH | L.E. TRANSFORMATION | BE | 23/01/2023 |  | 180 |
| 25 | PAWAR SHANKAR GANESH | LE TRANSFORMATION | BE | 23/01/2023 |  | 180 |
| 26 | PATIL LOKESH RAJIV | LEAR CORPORATION | BE | 16/01/2023 |  | 180 |
| 27 | LOHANDE SAHIL ASHOK | MAGNUM FORGE & MACHINE WORKS PVT LTD | BE | 15/01/2023 |  | 180 |
| 28 | ABHISHEK UTTAM AMBUPE | MAURYA GROUP OF INDUSTRIES | BE | 05/02/2023 |  | 180 |
| 29 | MORE ROHIT RAJENDRA | MAURYA INDUSTRIES | BE | 24/01/2023 |  | 180 |
| 30 | SAID SIDDHANT VISHWAS | METACOAT INDUSTRIES UNIT 2 | BE | 24/01/2023 |  | 180 |
| 31 | GAIKWAD SAKSHI MOHAN | METAMORPHIC HEAT TREATMENT | BE | 15/01/2023 |  | 180 |
| 32 | HONKARPE ABHIJEET BALASAHEB | NOQS DIGITAL PVT. LTD | BE | 13/01/2023 |  | 180 |
| 33 | SIDDIQUI ZAIN FARHATEJAJ | SAARLOHA ADVANCE PVT LTD | BE | 12/12/2023 |  | 180 |
| 34 | VINAYKUMAR SRINIVASULU JALAGAM | SANJAY INDUSTRY | BE | 23/01/2023 |  | 180 |
| 35 | KACHAVE NARAYAN BHAGWAN | SAUDAMINI INSTRUMENT KOTHRUD PUNE | BE | 01/02/2023 |  | 180 |
| 36 | JADHAV SHREYAS VIJAY | SERUM INSTITUTE OF INDIAN PVT.LTD | BE | 10/01/2023 |  | 180 |
| 37 | BHAKRE SHIVAM DILIP | SHREE KAMDHENU AGRO INDUSTRIES | BE | 06/02/2023 |  | 180 |
| 38 | SUROSHE KRUSHNA SHRIRAM | SHRI DAMODAR GINNING AND PRESSING INDUSTRIES | BE | 05/02/2023 |  | 180 |
| 39 | BANDGAR SHUBHAM KISHOR | SOUDAMINI INSTRUMENT | BE | 20/02/2023 |  | 180 |
| 40 | PAWAR GAURAV SUNIL | SPARKLE KITCHEN PVT LTD | BE | 20/01/2023 |  | 180 |
| 41 | PATIL DHANARAJ SUMANT | STAR ENGINEER'S PVT,LTD. | BE | 03/02/2023 |  | 180 |
| 42 | LATE SHREYAS JITENDRA | STAR MECH CONTROLS PVT. LTD | BE | 01/02/2023 |  | 180 |
| 43 | MULANI ARMAN DADABHAI | STARS ENGINEERS INDIA PVT LTD | BE | 06/02/23 |  | 180 |
| 44 | PHAD PRANAV BALIRAM | SWIFT TOOLS AND MACHINES | BE | 07/03/2023 |  | 180 |
| 45 | CHAVAN SARANG SUNIL | TALENTCORP SOLUTIONS PVT LTD | BE | 28/01/2023 |  | 180 |
| 46 | BHOSALE GAURAV RAJENDRA | TATA CUMMINS PVT LTD | BE | 17/02/2022 |  | 180 |
| 47 | ZAREKAR PRANAV SANTOSH | TATA MOTORS LTD | BE | 21/02/2023 |  | 180 |
| 48 | SONAR PRATIK DATTATRAY | UDYOG ENGINEERING | BE | 10/02/2023 |  | 180 |
| 49 | BHAGWAT KUANL VIJAY | UDYOG ENGINEERING | BE | 10/02/2023 |  | 180 |
| 50 | PAROLEKAR SUNNY YATIN | UDYOG ENGINEERING | BE | 10/02/2023 |  | 180 |
| 51 | KADAM RUTUJA UDAY | VANAZ ENGINEERS LIMITED | BE | 01/02-/2023 |  | 180 |
| 52 | AMRUTKAR RUSHIKESH LAXMAN | VANAZ ENGINEERS LIMITED | BE | 16/01/2023 |  | 180 |
| 53 | WAGH RUTUJA SURESH | VANAZ ENGINEERS LIMITED | BE | 16/01/2023 |  | 180 |
| 54 | SONWANE GANESH ASHOK | YEDESHWARI AGRO PRODUCTS LIMITED | BE | 01/02/2023 |  | 180 |

6.STUDENTS’ ACHIEVEMENTS

6.1 STUDENTS’ ACHIEVEMENT(Professional) (Individual Level) (Technical activities such as design competitions, paper presentation, technical quiz, Product development, innovation, etc.)

|  |  |  |
| --- | --- | --- |
| **Term One** | | |
| Name of Student | Details of Achievement (State/University/ National/International Level) | Remark  (Domain) |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Term Two** | | |
| Name of Student | Details of Achievement (State/University/ National/International Level) | Remark  (Domain) |
|  |  |  |

6.2 STUDENTS’ ACHIEVMENTS (other than Professional) (Individual Level) (Social activities, etc.)

|  |  |  |
| --- | --- | --- |
| **Term One** | | |
| Name of Student | Details of Achievement (State/University/ National/International Level) | Remark  ((Domain) |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Term Two** | | |
| Name of Student | Details of Achievement (State/University/ National/International Level) | Remark  ((Domain) |
|  |  |  |

6.3 CERTIFICATE / ONLINE COURSES COMPLETED BY STUDENTS

(Certificate courses, value added courses, MOOC, etc.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| S N | Name of Student | Title of the Course | Conducted By | Duration/ Dates |
| 1 | Panday Abhijeet | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 2 | S D Pasalkar | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 3 | Prajakta H Dalvi | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 4 | Zarekar Pranav S | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 5 | Pratik G Mohire | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 6 | Mache Radhika S | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 7 | Rohit R More | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 8 | Amrutkar R L | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 9 | Rutuja S Wagh | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 10 | S Shivalikar | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 11 | Sahil A lokhande | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 12 | S M Gaikwad | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 13 | Chavan Sarang S | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 14 | Shivam D Bhakre | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 15 | Siddhant V Said | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 16 | Shankar G Pawar | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 17 | S Y PAROLEKAR | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 18 | Rutuja U Kadam | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 19 | V S JALAGAM | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 20 | K S Mulay | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 21 | AAYUSH PATIL | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 22 | A S Jawalkar | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 23 | Akash R Patil | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 24 | Akash Rite | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 25 | Dhanaraj S Patil | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 26 | P D SONAR | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 27 | D M Patil | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 28 | G A Sonwane | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 29 | G R Bhosale | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 30 | Janhavi Thakare | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 31 | K S Chaware | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 32 | DODAL K K | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 33 | H G MANE | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 34 | Mehul B Kolekar | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 35 | KACHAVE N B | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 36 | Lokesh Patil | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 37 | Prashant G Patil | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 38 | Swejal R Pawar | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 39 | Thorat Vaibhav N | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 40 | A U Ambupe | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 41 | Honkarpe A B | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 42 | Arman Mulani | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 43 | Kunal Bhagwat | Developing Soft Skills & Personality | NPTEL | 08 Weeks |
| 44 | Keshav M Jaju | Developing Soft Skills & Personality | NPTEL | 08 Weeks |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| S N | Name of Student | Title of the Course | Conducted By | Duration/ Dates |
|  |  |  |  |  |

**6.4 NUMBER OF STUDENTS PLACED**

|  |  |  |  |
| --- | --- | --- | --- |
| **Term One** | | | |
| Sr No | Name of Organization visited | Number of students Participated | Number of students Placed |
| **1** | Fleetguard Filters |  | 1 |
| **2** | Inspira Enterprises |  | 1 |
| **3** | Knest Manufacturers LLP |  | 1 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Term Two** | | | |
| Sr No | Name of Organization visited | Number of students Participated | Number of students Placed |
|  |  |  |  |
|  |  |  |  |

Lower Package Offered: 3.00 Lakh

Higher package Offered: 4.00 Lakh

Average Package Offered: 3.5 Lakh

**6.5 NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATIONS (GATE, GRE, UPSC, MPSC, CAT, TOEFL, any other examination)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Name of Student | Examination | Examination / registration number |
|  |  |  |  |

**6.6 SPORTS / CULTURAL ACHIEVEMENTS OF STUDENTS (Individual Level) (Team level achievements to be mentioned in institute level sports/Cultural committee report)**

|  |  |  |
| --- | --- | --- |
| **Term One** | | |
| Name of Student | Details of Achievement (State/University/ National/International Level) | Remark  (Domain) |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Term Two** | | |
| Name of Student | Details of Achievement (State/University/ National/International Level) | Remark  (Domain) |
|  |  |  |
|  |  |  |
|  |  |  |

**6.7 STUDENTS’ ACHIEVEMENTS (Team Level)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Term One** | | | |
| Name of Event | Name of Faculty Advisor | Details of Achievement (State/University/ National/International Level) | Remark  (Domain) |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Term Two** | | | |
| Name of Event | Name of Faculty Advisor | Details of Achievement (State/University/ National/International Level) | Remark  (Domain) |
|  |  |  |  |

1. **SUMMARY**

**AND**

**SWOC ANALYSIS**

**7.1 ANY OTHER NOTEWORTHY ACHIEVEMENT OF THE DEPARTMENT (Not mentioned above)** (HOD & ALL FACULTIES)

|  |  |
| --- | --- |
| Sr. No. | Details |
|  |  |

**7.2 MISCELLANEOUS (SYLLABUS IMPLEMENTATION, MAJOR ADDITION IN INFRASTRUCTURE AND FACILITY, INNOVATIONS INTRODUCED, ETC.)**

|  |  |
| --- | --- |
| FACULTY | ACTIVITY |
|  |  |

**7.3 FEEDBACK FROM STAKEHOLDERS**

|  |  |  |  |
| --- | --- | --- | --- |
| Sr No | Stakeholder | Number of Feedbacks Received | Overall Feedback |
| 1 | Alumni |  |  |
| 2 | Parents |  |  |
| 3 | Employers |  |  |
| 4 | Students |  |  |

**7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT**

|  |
| --- |
| **Developing Teaching-Learning Materials:** The department prioritizes the development of high-quality teaching-learning materials. This includes creating comprehensive course materials, presentations, and digital resources that are accessible to students. By investing in well-structured and up-to-date educational materials, the department enhances the teaching process, making it more engaging and effective for both faculty and students. Regularly updating these materials to align with the latest developments in the field ensures that students receive the most relevant and valuable education. |

|  |
| --- |
| **Industry-Embedded Projects and Internships:** To establish and maintain strong connections with industry, the department encourages students to engage in industry-embedded projects and internships. These experiences provide students with practical exposure to real-world challenges and solutions, allowing them to apply their academic knowledge in a professional context. By collaborating with industry partners, the department ensures that its curriculum remains industry-relevant and that students are well-prepared for future employment. These connections often lead to better placement opportunities for students and foster ongoing collaboration between the department and industry stakeholders. |

**7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED**

|  |
| --- |
| **Nil** |

**7.6 SWOC ANALYSIS**

Five major strengths, weaknesses, opportunities, and challenges (SWOC) of the department and future plans of the Department.

**Strengths:**

|  |  |
| --- | --- |
| 1 | **Liasoning With Industries:** The department's strong relationships with industries provide valuable insights, resources, and potential collaboration opportunities, enhancing students' practical knowledge. |
| 2 | **Industry Exposure:** Students benefit from exposure to real-world industry practices, which can better prepare them for the job market and foster a deeper understanding of their field. |
| 3 | **Experienced Faculty & Good Retention Ratio:** Having experienced faculty members contributes to the quality of education. A high retention ratio indicates faculty satisfaction and stability, which is crucial for maintaining academic excellence. |
| 4 | **Specialized Facilities:** Mention any state-of-the-art facilities or equipment the department has access to, which can further enhance teaching and research capabilities. |
| 5 | **Strong Alumni Network:** A strong alumni network can provide mentorship, job opportunities, and financial support to the department. |

**Weaknesses:**

|  |  |
| --- | --- |
| 1 | **Less Number of PhD Faculty:** To enhance research and academic credibility, the department should focus on recruiting and retaining more PhD-qualified faculty members. |
| 2 | **Limited Consultancy and Research Grants:** Insufficient funding for consultancy and research projects hampers innovation and collaboration with industries, hindering the department's growth. |
| 3 | **Few R&D Funded Projects:** A low number of research and development funded projects limit opportunities for faculty and students to engage in cutting-edge research. |
| 4 | **Outdated Infrastructure:** If there are any infrastructure limitations or outdated equipment, they should be addressed to stay competitive. |
| 5 | **Limited Publication Output:** The department's faculty should aim to increase their research publication output, contributing to the academic prestige of the institution. |

**Opportunities:**

|  |  |
| --- | --- |
| 1 | **Utilization of Industrial Laboratories:** The department can maximize the use of industrial laboratories for practical training and collaborative research **during the students Industrial Inplant Training** |
| 2 | **Partnerships Through MoUs:** By entering into Memorandums of Understanding with industries, the department can expand opportunities for training programs, consultancy, and joint projects. |
| 3 | **Faculty Qualification and Up-Gradation:** Supporting faculty in pursuing higher qualifications and professional development can enhance their teaching and research capabilities. |
| 4 | **Diversify Research Funding:** Explore diverse sources of research funding, including government grants, private organizations, and international collaborations. |
| 5 | **Online and Hybrid Education:** Leveraging online and hybrid teaching methods can help reach a broader student base and expand the department's influence. |

**Challenges**

|  |  |
| --- | --- |
| 1 | **Placement in Core Companies:** Ensuring that students are placed in core companies related to their field of study can be challenging in a competitive job market. |
| 2 | **Improving Patents and Copyrights:** Encouraging faculty and students to engage in innovative research and seek patents and copyrights can be a lengthy process and may require additional resources. |
| 3 | **Attracting Students for Production Programs:** Attracting students to production programs may be challenging due to changing industry demands and competition from other departments or institutions. |
| 4 | **Balancing Research and Teaching:** Faculty may face difficulty in maintaining a balance between teaching and research, impacting the quality of both. |
| 5 | **Financial Sustainability:** Securing long-term financial sustainability for the department to support its growth and development is an ongoing challenge. Future plans should address this concern through strategic initiatives and fundraising efforts. |

**7.7** **FUTURE PLANS OF THE DEPARTMENT (For Next Academic Year)**

|  |  |
| --- | --- |
| 1 | **Enhance PhD Faculty Enrollment:** The department aims to enroll a maximum number of faculty members for PhD programs to bolster research and academic excellence. |
| 2 | **Strengthen Industry Connections for Placement:** The department will intensify efforts to strengthen its industry connections, facilitating increased placement opportunities for students. |
| 3 | **Expand Robotics and Automation Lab:** There are plans to develop and expand the Robotics and Automation Lab, providing cutting-edge resources for research and hands-on learning in this rapidly evolving field. |
| 4 | **Implement Smart Classrooms:** The department will implement smart classrooms to enhance the effectiveness of the teaching and learning process, leveraging technology for a more interactive and engaging educational experience. |

**7.8 INITIATIVES TAKEN BY THE DEPARTMENT AT DEPARTMENT AND INSTITUTE LEVEL TO IMPROVE AND ASSURE QUALITY IN THE FOLLOWING AREAS**

|  |  |
| --- | --- |
| **Area** | **Initiatives** |
| Academics and overall profile of Department | To prepare course manual according to Blooms Taxonomy.  To participate students’ projects in National Design Research Forum competition, paper presentation, BAJA, SUPRA, EFFICYCLE and GARUDSHWA competitions.  Students are motivated to participate various sports and cultural activities. |
| Organization of different activities |  |
| Research and Innovation | Faculty members are provided with financial assistance and research grants to conduct research.  As part of a commitment to fostering academic excellence, the department is actively promoting faculty development through doctoral programs. Currently, four dedicated faculty members are pursuing their PhDs in their respective fields. |
| Industry institute Interaction | Faculties are establishing contact with Industries, arranging guest lecture and students’ projects with industry. Students’ internship in Industry, industry visit and participation on advisory board. |
| Students’ Achievements | Students are motivated to participate in various sports and cultural activities and for competitive examination. |

**SUMMARY SHEET (Annual)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Activity** | | |
| **S N** | **Activity/ Item** | **Term I** | **Term II** | **Total** |
|  |  | **Numbers** | | |
| 1 | Students in the department | 93 | | |
| **FACULTY CONTRIBUTION** | | | | |
| 2 | e content development by faculty and available online | 06 | 04 | 10 |
| 3 | Number of FDP/STTP attended by the department faculty | 13 | 03 | 16 |
| 4 | Number of Seminars/ workshops/ webinars attended by the department faculty | 18 | 16 | 34 |
| 5 | Number of Conferences/ symposiums attended by the department faculty | - | 01 | 01 |
| 6 | Number of Online courses / certificate courses completed by department faculty | 02 | - | 02 |
| 7 | Number of extension lectures / webinars (Lectures delivered on other than technical topics)) | 02 | - | 02 |
| 8 | Number of Faculty served as resource person, expert, chairperson | 04 | 02 | 06 |
| **ACTIVITIES ORGANISED** | | | |  |
| 9 | Number of FDP/STTP organized by the department | - | - | - |
| 10 | Number of Seminars/ workshops/ webinars organized by the department (for faculty) | 04 | 01 | 05 |
| 11 | Number of Conferences/ symposiums organized by the department (for faculty) | - | - | - |
| 12 | Number of Extension activities conducted by the department (Social/ Quizzes at national/international level/any other activity) | - | - | - |
| 13 | MOU signed with academic and professional organizations | 02 | 01 | 03 |
| 14 | Number of Students’ chapters /clubs | 01 | - | 01 |
| 15 | Number of Social activities organized | - | - | - |
| 16 | Number of Parent meeting | - | 01 | 01 |
| 17 | Number of Alumni meet | - | 01 | 01 |
| 18 | Number of student counseling and career guidance at the department level | - | 19 | 19 |
| **RESEARCH CONTRIBUTION** | | | |  |
| 19 | Number of Funded research project | - | - | - |
| 20 | Number of Testing and consultancy | - | - | - |
| 21 | Number of Patents, copyright, trademark and other (IPR) | - | 01 | 01 |
| 22 | Number of papers published/ presented in proceedings of conferences | - | - | - |
| 23 | Number of Papers published in journals | 05 | 01 | 06 |
| 24 | Number of Book/ article publications | 01 | - | 01 |
| 25 | Total Research citations (Google Scholar) | 01 | 0 | 01 |
| 26 | Number of ME awarded | - | - | - |
| 27 | Number of PhD Awarded | - | - | - |
| **INTERACTION WITH INDUSTRY** | | | |  |
| 28 | Number of Industrial visits organized | 01 | - | 01 |
| 29 | Number of Expert lectures delivered by industry experts | - | - | - |
| 30 | Number of Industry –sponsored projects (UG/PG) | - | - | - |
| 31 | Number of MOU signed with industry | - | 04 | 04 |
| 32 | Number of Faculty members undergone industrial training | 01 | - | 01 |
| 33 | Number of Students undergone in-plant training and (or) internship programme | - | - | - |
| 34 | Number of students placed | - | 07 | 07 |
| 35 | Number of students qualified in the competitive examinations | - | - | - |
| 36 | Any other additional activities organized | 05 | 06 | 11 |

**Declaration by the Head of the Department**

I am aware that the above information provided by the Department will be validated by the AAA committee during the visit.

**Dr N G Shekapure**

**Head of Department**

|  |  |
| --- | --- |
| **Name and Signature of External Member** | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Name and Signature of External Member** | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Name and Signature of External Member** | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |