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**Internal Quality Assurance Cell**

**DEPARTMENT OF CHEMICAL ENGINEERING**

**ANNUAL REPORT**

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

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

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

**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 separate row for every details.***
* *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 |  |
| UG Programmes | 1996 |
| PG Programmes | 2011 |
| Number of Teaching Staff | 12 |
| Number of Non-Teaching Staff | 7 |

**1.2 LABORATORIES IN THE DEPARTMENT**

|  |  |
| --- | --- |
| Name of Laboratory | |
| 1. Chemistry | 2. Process Dynamics & Control |
| 3. Heat Transfer | 4. Fluid Mechanics |
| 5. Software | 6. Mechanical Operations |
| 7. Chemical Reaction Engineering | 8. Mass Transfer I |
| 9. Project | 10. Mass Transfer II |
| 11. Process Instrumentation & Control | 12. Central Research Laboratory |

**1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT**

|  |  |
| --- | --- |
| Software Available | |
| 1. MATLAB | 2. CHEMCAD |
| 3. AUTO CAD | 4.UNISIM |
| 5.ANSYS |  |
|  |  |

**1.4 FACULTY IN THE DEPARTMENT**

|  |  |
| --- | --- |
| Name of faculty | Designation |
| 1.Dr M Y Naniwadekar | Head |
| 2.Dr P N Dange | Associate Professor |
| 3.Dr A S Jadhav | Assistant Professor |
| 4.Mrs H L Kamble | Assistant Professor |
| 5.Mr P M Warke | Assistant Professor |
| 6.Mr K B Gandhi | Assistant Professor |
| 7.Dr S B Ghugare | Assistant Professor |
| 8.Mrs K N Bawankar | Assistant Professor |
| 9.Dr A V Mohod | Assistant Professor |
| 10.Mr P S Tadkar | Assistant Professor |
| 11.Dr M Baingne | Assistant Professor |
| 12.Dr K A Datir | Assistant Professor |
| 13 Mrs B Banarejee | Assistant Professor |

**1.5 DETAILS OF SUPPORTING STAFF**

|  |  |
| --- | --- |
| Name of non-teaching staff | Designation |
| Mr N B Jagtap | Sr Lab Assistant |
| Mr R S Mane | Lab Assistant |
| Mr A S Deshpande | Lab Assistant |
| Ms K C Rathod | Lab Assistant |
| Mr G D Kate | Lab Attendant |
| Mr N D Ughade | Lab Attendant |
| Mr D S Rajivade | Lab 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 (Chem) SE | 7 | 2 | 5 | 2 | 0 | 0 | 8 | 1 | 0 | 0 | 25 | 11 | 45 | 16 |
| UG (Chem) TE | 3 | 1 | 2 | 2 | 0 | 1 | 21 | 2 | 0 | 0 | 38 | 7 | 64 | 13 |
| UG (Chem) BE | 12 | 2 | 5 | 2 | 2 | 0 | 14 | 3 | 0 | 0 | 29 | 10 | 62 | 17 |
| ME(Chem) FY | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| ME (Chem) SY | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 |
| PG (Chem) | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |

**1.7 STUDENTS–FACULTY FEEDBACK DETAILS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Term One | | | | |
| Sr. No. | **Name of faculty** | **Class and Subject taught** | **Feedback (I) (%)** | **Feedback (II) (%)** | **Average**  **Feedback (%)** |
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| --- | --- | --- | --- | --- | --- |
|  | Term Two | | | | |
| Sr. No. | Name of faculty | **Class and Subject taught** | **Feedback (I) (%)** | **Feedback (II) (%)** | **Average**  **Feedback (%)** |
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**1.8 RESULT ANALYSIS**

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| --- | --- | --- | --- | --- | --- |
| Term One | | | | | |
| Name of faculty | Class and Subject Taught | % passing | Name of faculty | Class and Subject Taught | % passing |
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| Term Two | | | | | |
| Name of faculty | **Class and Subject Taught** | **% passing** | **Name of faculty** | **Class and Subject Taught** | **% passing** |
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**1.9 CLASS RESULT ANALYSIS (All Classes FE to BE)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Term One | | | | | | | | | | | | |
| 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 |
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| Term Two | | | | | | | | | | | | | |
| 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 |
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| 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 |  |  |  |  |  |  |  |  |  |  |  |  |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Academic Year 2021 - 22 | | | |
| Sr No | **Name of the Ranker** | **Class** | **Rank** |
|  |  |  |  |
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| --- | --- |
| (start on new page) Few photographs of Labs, final year class group photos, faculty and staff group photos, photo of special facility available in the department, news published in the print media, any significant achievement of department | |
| Size of photo 5 cm x 7 cm with captions |  |
|  |  |
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1. **FACULTY CONTRIBUTION**

**2.1 ACHIEVEMENTS OF FACULTY** *(AWARDS, RECOGNITION, PHD COMPLETION ETC.)*

|  |  |  |
| --- | --- | --- |
| Term One | | |
| SN | **Name of Faculty** | **Awards & Recognitions** |
| 1 | P M Warke | Judged a chemical research paper during Technical Paper Meet organized by Institution of Engineers (I) Pune on October 15, 2022. |
| 2 | P M Warke | One Subject (SE) Chairman, BOS Chemical Engineering SPPU, Pune. |
| 3 | P M Warke | Examiner and Paper Setter for subjects in B.Tech. & M. Tech. Chemical at BVDU BVCOE, Pune |
| 4 | P S Tadkar | Chairman, Examiner and Paper Setter in Chemical Engineering SPPU Pune |
| 5 | P S Tadkar | Examiner and Paper Setter for subjects in B.Tech. Chemical at BVDU BVCOE, Pune |

|  |  |  |
| --- | --- | --- |
| Term Two | | |
| SN | **Name of Faculty** | **Awards & Recognition** |
| 1 | Prof P N Dange | Was invited as a Member of Faculty Recruitment Committee of SPPU Pune on |
| 2 | Prof P N Dange | PhD Guide, Research Centre, AISSMS COE, Pune |
| 3 | Prof P N Dange | Was invited as judge for National Level Conference held at MAE Alandi (March 10, 2023) |
| 4 | P M Warke | Two Subjects (SE & BE) Chairman, BOS Chemical Engineering SPPU, Pune. |
| 5 | P M Warke | Examiner and Paper Setter for subjects in B.Tech. & M. Tech. Chemical at BVDU BVCOE, Pune |
| 6 | A V Mohod | Reviewer of Separation and Purification Technology Elsevier Journal |
| 7 | P S Tadkar | Chairman, Examiner and Paper Setter in Chemical Engineering SPPU Pune |
| 8 | P S Tadkar | Examiner and Paper Setter for subjects in B.Tech. Chemical at BVDU BVCOE, Pune |

**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)** |
| 11 | Dr M Y Naniwadekar | UG Project: Improvement of Water Quality for Biotic growth  Mr. Ramesh Pawar, Golden Fish Farm, Pachwad, Satara |
| 2 | Prof P N Dange | DAB Meeting involving eminent Industry Persons (Nov. 12, 2022) |
| 3 | Dr A S Jadhav | Conducted guest lecture on” Entrepreneur Development Skill for Chemical Engineering” |
| 4 | P M Warke | 1. The Subject’s Chairman, BOS Chemical Engineering at SPPU, Pune for SE Chemical 2. Examiner and Paper Setter for subjects in B.Tech. & M. Tech. Chemical at BVDU BVCOE, Pune 3. Judge of Technical Paper Meet at National Level at Institution of Engineers (I) Pune 4. Interaction via emails & WhatsApp/phone **for placement** of BE Chemical Freshers with Companies: Reliance Industries Ltd., Laxmi Organic Industries Ltd., Cipla Ltd., Alkyl Amines Ltd., NM Jalmaitreya LLP, Marcuras Water Treatment Pvt. Ltd.,, Enversys Grrentec Solutions, STEP Pvt. Ltd., Mesotech Enggineering, EIA Consultant and TATA AutoComp. 5. Interaction via emails & WhatsApp/phone for **in- plant training** of TE Chemical students with Companies to seek permissions: Innovative Water Technologies Pvt. Ltd., Aqua Sales & Service, Marcuras Water Treatment, Makspeed Technologies, Cipla Ltd., Goa, Harmony Organics, Surface coating Pvt. Ltd., Chinchwad, paid internship in an Engineering Consultancy, BharatNXT, a FinTech. Company. 6. Interaction via WhatsApp/phone **for financial help to needy Girl students** of TE & BE Chemical with Companies: A known Industry Personnel from Dubai based Company. 7. Interaction via emails & WhatsApp/phone **for Industry sponsored projects** three groups of BE Chemical students with Companies: Azeocryst Organics Pvt. Ltd., Mumbai and ARENEC renewable energy consultancy, Pune. 8. Interaction via emails & WhatsApp/phone with Bureau of Indian Standards for ‘Standards’ Club activities. 9. Interaction via emails & WhatsApp/phone with Industries & Industry Personnel for Industrial Visits & Expert Lectures. 10. Interaction via emails & WhatsApp/phone with top level Management Industry Personnel from Praj Industries Ltd., Pune & Alkyl Amines Ltd., Pune to invite them as Members on DAB of the Department of Chemical Engineering during October- November 2022. 11. Interaction with TPOs from different Colleges during one day Meet in July 2022. 12. Interaction with Industry Personnel during the Industry- Academia Meet & Conference ‘Edu-Fest’ in November 2022 at MCCIA, Pune |

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| --- | --- | --- |
| Term Two | | |
| SN | **Name of Faculty** | **Nature and details of contribution (Representation at University, State, National , International level, corporate world, Social Platforms, etc)** |
| 1 | Dr M Y Naniwadekar | UG Project: Improvement of Water Quality for Biotic growth  Mr. Ramesh Pawar, Golden Fish Farm, Pachwad, Satara |
| 2 | Dr A S Jadhav | Industrial Visit at KATRAJ DAIRY LTD |
| 3 | P M Warke | 1. The Subjects’ Chairman, BOS Chemical Engineering at SPPU, Pune for SE & BE Chemical 2. Examiner and Paper Setter for subjects in B.Tech. & M. Tech. Chemical at BVDU BVCOE, Pune 3. Interaction via emails & WhatsApp/phone **for coordination of Campus Placement Drives** of BE Chemical Freshers with Companies: Reliance Industries Ltd., Laxmi Organic Industries Ltd., Praj Industries Ltd., BYJU’S Think & Learn Pvt. Ltd., Siemens Energy Ltd., Ahmedabad, Innovative Water Technologies Pvt. Ltd., Osmoflo Engineering Services Ltd., Hypro Engineers Pvt. Ltd., Synergy Process Systems, Reva Process Technologies, Ellsworth Adhesives Pvt. Ltd., New Delhi & Pune, Cipla Ltd., Pune, Square Yards, Pune, Hydrotek Engineering, Chinchwad, Macleods Pharma., Mumbai, Key Sustainability Solutions, Bangalore, Intelipaat, Bangalore & US Engineering Pvt. Ltd., Pune. 4. Interaction via emails & WhatsApp/phone for **Faculty in- plant training** (P M Warke & K B Gandhi) in Companies: Synergy Process Systems, Pune & Innovative Water Technologies Pvt. Ltd., Pune during December 2022 & the 1st Week of June 2023. 5. Interaction via WhatsApp/phone **for financial help to needy Girl students** of TE & BE Chemical with Companies: Asha Resins Pvt. Ltd., Pune & Smita Rolling Mills Ltd., Pune. 6. Interaction via emails & WhatsApp/phone **for Industry sponsored projects** three groups of BE Chemical students with Companies: Azeocryst Organics Pvt. Ltd., Mumbai. 7. Interaction via emails & WhatsApp/phone with Bureau of Indian Standards for ‘Standards’ Club activities. 8. Interaction with Entrepreneurs in Agriculture based Industries’ Exhibition at Baramati Krishi Vidnyan Kendra during January 2023. 9. Interaction with Entrepreneurs in fields of Chemical Industries at Exhibition ‘MAHATECH’ during February 2023 in Pune. 10. Interaction via emails & WhatsApp/phone with Industries & Industry Personnel for Industrial Visits & Expert Lectures. |
|  |  |  |

**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 | Dr M Y Naniwadekar | CT- II  Videos | **Google drive** | <https://drive.google.com/drive/folders/>  17KWmmMxxcvCvvpb5bAcASug-IZPCNxHs |
| 2 | P N Dange | PPTs, VDOs  for Fluid  Mechanics (T) | **Microsoft Teams** | FM-Fluid Mechanics -  Google Drive |
| 3 | P N Dange | PPTs, VDOs  for CACHE-II  (P) | **Microsoft Teams** | CACHE II - Google  Drive |
| 4 | H L Kamble | Chemical Engineering Mathematics |  | [**https://drive.google.com/drive/folders/1Fp4\_aRI0\_nu\_bP5EDjbTkh1bY7zGLBQ-**](https://drive.google.com/drive/folders/1Fp4_aRI0_nu_bP5EDjbTkh1bY7zGLBQ-)  **https://youtu.be/8ZghmbnxczQ?si=Hl8Qz1PC8yRjU4G2** |
| 5 | P M Warke | CED II & ASP  Subjects - RO,  Adsorption,  Ion Exchange, Plant Utilities & Hazards. | NPTEL notes,  PPT | https://drive.google.com/file/d/1bE0ylwb  ZNRryx3off8j\_  7\_gaRnMOud0x/view?usp=sharing |
| 6 | K B Gandhi | Brinell  hardness  number | **You Tube** | [**https://youtu.be/nfRZorp40pM**](https://youtu.be/nfRZorp40pM) |
| 7 | K B Gandhi | Atomic weight  to Molecular  weight | **You Tube** | [**https://youtu.be/4VCB4EoARTo**](https://youtu.be/4VCB4EoARTo) |
| 8 | Dr. S B Ghugare | PDC Google Classroom | Google Class Room | https://classroom.google.com/c/M  zE5MjA5MjMwOTky?cjc=kzxgi45 |
| 9 | K N Bawankar | Mass Transfer-I | Google Drive | [**https://drive.google.com/drive**](https://drive.google.com/drive)  **/u/0/folders/1zsrQybrD**  **\_j\_n33wOyfy6UwtrEGqoSS87** |
| 10 | P S Tadkar | CRE II | Google Classroom | <https://classroom.google.com/c>  /NTM3NjgxMjk3MjYz |
| 11 | P S Tadkar | FM | Google Classroom | <https://classroom.google.com/c>  /NDk3OTAyNjI4MzY1 |
| 12 | Dr. M. Baingne | Process Calculations | Google Drive | [**https://drive.google.com/drive/u/0/folders/**](https://drive.google.com/drive/u/0/folders/)  **1trHklXuV1XkwqsDgFMeF66ufFoA0TxLc** |

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| --- | --- | --- | --- | --- |
| Term Two | | | | |
| Sr No. | **Name of Faculty** | **Title of e-content** | **e-content development facility/platform** | **link of the content** |
| 1 | Dr M Y Naniwadekar | PECPD Videos | Google drive | [**https://drive.google.com/drive/**](https://drive.google.com/drive/)  folders/  1tIBe0KxqxON0F4ka4UDB43qPI0j5SbgM |
| 2 | P N Dange | PPTs, VDOs  for PMS (T) | Microsoft Teams | PMS Theory and  Practicals - Google  Drive |
| 3 | P N Dange | PPTs, VDOs  for PMS (P) | Microsoft Teams | PMS Theory and  Practicals - Google  Drive |
| 4 | H L Kamble | Mass Transfer-II | Google drive | [https://drive.google.com/drive/u/ 1/folders/1H7DWuRQN2rRAA9WZJIk2s XJj\_4vBsBCD](https://drive.google.com/drive/u/%20%201/folders/1H7DWuRQN2rRAA9WZJIk2s%20XJj_4vBsBCD) |
| 5 | P M Warke | Subjects :  Explanation of Case  Studies in ‘Chemical  Process Safety’  Name of the  literature published  by Industries:  Occupational Safety,  Health & Working  Conditions Code  2020 | Lectures delivered  By PPT and using  the literature from  the Industry  Personnel-  Entrepreneur | **In the form of an** email & PPT |
| 6 | Dr. S B Ghugare | POD Google Classroom | Google Class Room | https://classroom.google.com/c/N  DY5NTMzOTkyNzA4 |
| 7 | Dr. S B Ghugare | APC e-Contents | Google Drive | https://drive.google.com/drive/fo  lders/12KtioLSZnDylEOJc1cFQ  bky0yg96dHtv?usp=sharing |
| 8 | K N Bawankar | Mechanical Operations | Google Drive | <https://drive.google.com/drive>  /u/0/folders/1nMxiZDOVfO  Q8TkExGl8THAMPuQ\_x6fS1 |
| 9 | P S Tadkar | Heat Transfer | Google Class Room | <https://classroom.google.com/c>  /NDk3OTAyNjI4MzY1 |
| 10 | Dr. M. Baingne | Transport Phenomena | Google Drive | <https://drive.google.com/drive/u/0/folders/>  15zYVv28M7pRl4X6wHuKi6cdRA52OhzA6 |

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

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| --- | --- | --- | --- | --- |
| Term One | | | | |
| S N | **Name of Faculty** | **Title of the FDP/STTP** | **Organized by** | **Duration/ Dates** |
| 1 | Dr A S Jadhav | One week Institute level workshop/STTP Chemical students/Faculties on "Application of POLYMATH in Chemical Engineering | IEI Students Chapter | 21-25 September, 2022 |
| 2 | H L Kamble | “Recent Advances in Chemical Engineering” | Rajalakshmi Engineering College | 08-11-2022 to 12-11-2022 |
| 3 | H L Kamble | Amazon Web Series | Department of Chemical Engineering, AISSMS COE, Pune | 22-08-2022 to 27-08-2022 |
| 4 | P M Warke | Recent Advances in Chemical Engineering (RACE -2022) | Rajalakshmi Engineering College, Chennai | One week |
| 5 | K B Gandhi | Recent advances in chemical engineering-2022 | Rajalakshmi engg.college.,Chennai. | 08-12/11/ 2022 |
| 6 | Dr. S B Ghugare | FDP on “Recent advances in chemical engineering-2022” | Rajalakshmi College of Engineering, Chennai. | 08-12/11/2022  (One Week) |
| 7 | Dr. M. Baingne | Smart Tools and Methodologies for Academic Research | Mahatma Gandhi Institute of Technology, Hyderabad | 01/08/2022 to 05/08/2022 |
| 8 | P S Tadkar | Recent advances in chemical engineering-2022 | Rajalakshmi engg.college.,Chennai. | 08/11/2022 to  12/11/2022 |
| 9 | P S Tadkar | Sustainable Manufacturing Management | DYPIMER Pune | 11/07/2022 to  15/07/2022 |
| 10 | Dr. M. Baingne | Practical Aspects of ICT Tools and Online Teaching in Current Scenario | Research Foundation of India | 19/08/2022 to 25/08/2022 |
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| Term Two | | | | |
| S N | **Name of Faculty** | **Title of the FDP/STTP** | **Organized by** | **Duration/ Dates** |
| 1 | Dr M Y Naniwadekar | Recent Advancement in Material, Micro-manufacturing and Characterization | DPU Pune | March 13-17, 2023. |
| 2 | Dr M Y Naniwadekar | Implementation of National Education Policy 2020 | AISSMS COE PUNE | Feb 23-24, 2023. |
| 3 | P M Warke | International FDP on ‘Soft Computing Techniques & its application in Water Resources’ | MVKP’S &KBTCOE, Nashik | One Week (June 05, 2023- June 9, 2023) |
| 4 | K B Gandhi | Recent development in materials ,micro -manufacturing and characterization | Dr D Y Patil ,IOT PIMPARI,PUNE-18 | 13-17/03/2023 |
| 5 | Dr. S B Ghugare | FDP on “Novel Technology for Environment and Energy Sustainability” | Dept. of Chem. Engg., Pad., Dr. V V Patil Poly., Loni, Maharashtra |  |
| 6 | A V Mohod | Implementation of National Educational Policy 2020: Research and Development Cell | AISSMS College of Pharmacy | Feb 06 and 07, 2023 |
| 7 | Mr P S Tadkar | Novel Technology for Environment and Energy Sustainability | Pad. Dr V V Patil PolytechnicLoni | 20/02/2023 to 25/02/2023 |
| 8 | Mr P S Tadkar | Recent Advancement in Material, Micro-manufacturing and Characterization | DPU Pune | 13/03/2023 to 17/03/2023 |
| 9 | Mr P S Tadkar | Effective Engineering Teaching in Practice | NPTEL | 4 Week |
| 10 | Mr P S Tadkar | Recent Advancement in Material, Micro-manufacturing and Characterization | DPU Pune | March 13-17, 2023. |

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

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| Term One | | | | |
| S N | **Name of Faculty** | **Title of the Seminar/Webinar** | **Organized By** | **Duration/ Dates** |
| 1 | Dr A S Jadhav | Attended webinar on” 20 Tips To Provide Effective Feedback “ | Centa USA | May 05 ,  2023 6pm |
| 2 | P M Warke | Webinar on E-Resources ‘A Gateway to Research’ | Department of Chemical Engineering, AISSMS COE, Pune. | November 10, 2022, 11.30 AM- 12.45 PM |
| 3 | P M Warke | Expert Talks of Mr. S. P. Singh, VP, Praj Industries Ltd., Pune, Mr. Vinay Desai, GM, Alkyl Amines Ltd., Pune, Dr. Makarand Pimplapure, Director, Makspeed Technologies, Pune and Dr. Shashank Gaikwad,. Scientist, NCL, Pune during one day DAB Meeting. | Department of Chemical Engineering, AISSMS COE, Pune | 12/11/2022 |
| 4 | P M Warke | ‘Research Methods and Statistical Analysis’ | Central Library of AISSMS COE, Pune | August 19- 20, 2022 |
| 5 | K N Bawankar | A Gateway to Research | Dept of ChemEngg in collaboration with BalaniInfotechPvt Ltd | 10/11/2022 |
| 6 | P S Tadkar | A Gateway to Research | AISSMS COE Pune | 10/11/2022 |
| 7 | P S Tadkar | Entrepreneurship & Business Opportunities  for Graduate Engineers | AISSMS COE Pune | 17/08/2022 |
| 8 | P S Tadkar | IP Awareness | NIPAM | 28/06/2022 |
| 9 | P S Tadkar | The Race for Your Doctors Mind Sahre | CPHE | 26/06/2022 |
| 10 | Dr. M. Baingne | Research Methods and Statistical Analysis | Central Library, AISSMS COE Pune | 19/08/2022 to 20/08/2022 |
| 11 | Dr. M. Baingne | E-resources: A Gateway to Research | BalaniInfotech Pvt. Ltd. | 10/11/2022 |
| 12 | Dr. M. Baingne | Pesticide residue Analysis using Mass Spectrometer | Spinco Biotech and IARI | 29/07/2022 |
| 13 | Dr. M. Baingne | Entrepreneurship & Business Opportunities for Engineering Graduates | AIChE Student Chapter | 17/08/2022 |
| 14 | Dr. M. Baingne | Creating Awareness about Intellectual Property Rights (IPRs) under the initiative of National Intellectual Property Awareness Mission (NIPAM) | Hindi Seva Mandal's Shri SantGadge Baba College of Engineering and Technology, Bhusawal | 06/07/2022 |
| 15 | Dr. M. Baingne | TRIZ Talks - Chapter 7 (Speaker: Dr. Zulhasni) | TRIZ Asia | 29/07/2022 |
| 16 | Dr. M. Baingne | TRIZ Talks - Chapter 8 | TRIZ Asia | 26/08/2022 |

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| Term Two | | | | |
| S N | **Name of Faculty** | **Title of the Seminar/Webinar** | **Organized By** | **Duration/ Dates** |
| 1 | Dr A S Jadhav | Attended webinar on” Stressful to Stress-free: Mastering the skill | Centa USA | **Jan 12th, 2023, 6pm** |
| 2 | P M Warke | Seminar of Rtn Col Uday Jagavkar, Corporate Trainer and Consultant for Jindal Steel on the topic:‘Corporate Ready’ | ‘Standards’ Club, AISSMS COE, Pune | 19/04/2023 |
| 3 | P M Warke | Seminar on ‘Importance of Industrial Safety in Plant Design’ Spaeker: Mr. M R Joshi & Mr. Pramod Deshmukh, Asian Academy of Professional Training, Pune | Department of Chemical Engineering, AISSMS COE, Pune | 21/02/2023 |
| 4 | P S Tadkar | TRIZ Talks - Chapter 11 | TRIZ Asia | 27/01/2023 |
| 5 | P S Tadkar | Flow and Storage of Powders | UCT-OU Hyderabad | 09/12/2023 |
| 6 | Dr. M. Baingne | Implementation of National Educational Policy 2020: Alumni Connect | AISSMS COE Pune | 23/02/2023 to 24/02/2023 |
| 7 | Dr. M. Baingne | Multiphase Flow - Research and Applications (MFRA-2023) | IIT Kharagpur | 11/03/2023 |
| 8 | Dr. M. Baingne | Building project management culture - Key to improving project margins | NASSCOM | 19/01/2023 |
| 9 | Dr. M. Baingne | TRIZ Talks - Chapter 11 | TRIZ Asia | 27/01/2023 |
| 10 | Dr. M. Baingne | TRIZ Talks - Chapter 12 | TRIZ Asia | 24/02/2023 |
| 11 | Dr. M. Baingne | TRIZ Talks - Chapter 13 | TRIZ Asia | 24/03/2023 |
| 12 | Dr. M. Baingne | TRIZ Talks - Chapter 14 | TRIZ Asia | 28/04/2023 |
| 13 | Dr. M. Baingne | TRIZ Talks - Chapter 15 | TRIZ Asia | 26/05/2023 |
| 14 | Dr. M. Baingne | TRIZ Talks - Chapter 16 | TRIZ Asia | 30/06/2023 |

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

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| Term One | | | | |
| S N | **Name of Faculty** | **Title of the Conference / Symposium** | **Organized By** | **Duration/ Dates** |
| 1 | P M Warke | Conference on ‘Worlds Standards Day’ for Awareness of Standards in the Society | Bureau of Indian Standards, (BIS) Pune branch office | One day 14/10/2022 at 11.30 AM- 5.00 PM at Hinjewadi, Pune |
| 2 | P M Warke | Conference on “Matching Corporate Expectations with Students Competencies- Training and Placement Officers’ Role” | IBS: ICFAI Business School, Pune | One Day on 15/07/2022 |
| 3 | P M Warke | Industry- Academia Meet and Edu-Fest (Exhibition and Conference) | AISSMS, Pune and MCCIA, Pune | One Day on 26/11/2022 |

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| Term Two | | | | |
| S N | **Name of Faculty** | **Title of the Conference / Symposium** | **Organized By** | **Duration/ Dates** |
| 1 | **P S Tadkar** | **ICOGE 2023** | **AISSMS COE Pune** | **16/05/2023 to 17/05/2023** |

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

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| Term One | | | | |
| S N | **Name of Faculty** | **Title of the Course** | **Conducted By** | **Duration/ Dates** |
| 1 | P S Tadkar | Successful research grant applications – getting it right | Researcher Academy | 17/06/2022 |
| 2 | P S Tadkar | Funding Hacks for Researchers | Researcher Academy | 17/06/2022 |
| 3 | P S Tadkar | How to secure funding - ECR edition | Researcher Academy | 17/06/2022 |

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| Term Two | | | | |
| S N | **Name of Faculty** | **Title of the Course** | **Conducted By** | **Duration/ Dates** |
| 1 | P S Tadkar | Effective Engineering Teaching in Practice | Swayam | 4 Week |
| 2 | P S Tadkar | Chemical Reaction Engineering II | Swayam | 12 Week |
| 3 | Dr. M. Baingne | Energy Literacy Training | Energy Swaraj Foundation | 23/02/2023 to 28/02/2023 |
| 4 | Dr. M. Baingne | Senior Green Ambassador program | SESI | 10/01/2023 to 30/01/2023 |

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

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| Term One | | | | | |
| S N | **Name of faculty coordinator** | **Topic** | **Name and contact details of guest** | **Date** | **Number of beneficiaries** |
| 1 | P M Warke | Programme **Teacher’s Day** Celebration by Bureau of Indian Standards, Pune branch office at CITP, AISSMS COE, Pune | Mr. Harsh Shukla, Standards Promotion Officer. Email: [pnbo@bis.gov.in](mailto:pnbo@bis.gov.in) | September 05, 2022 | 58 |

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| Term Two | | | | | |
| S N | **Name of faculty coordinator** | **Topic** | **Name and contact details of guest** | **Date** | **Number of beneficiaries** |
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**2.9 FACULTY SERVED AS RESOURCE PERSON, EXPERT, CHAIRPERSON**

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| Term One | | | | |
| S N | **Name of Faculty** | **Title of Activity** | **Organizing body** | **Date** |
| 1 | Dr M Y Naniwadekar | Project evaluation & coordinator for Avishkar 2022-23 Competition of SPPU on 8/12/2022 | AISSMS COE PUNE | 08/12/2022 |
| 2 | P M Warke | Judge for Annual Technical Paper Meet- 2022 for publication of Annaul Technical Journal, Vol.44 during All India Seminar on Emerging Trends in Engineering & Technology | Pune local centre of the Institution of Engineers (India) | October 15-16, 2023 |

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| Term Two | | | | |
| S N | **Name of Faculty** | **Title of Activity** | **Organizing body** | **Date** |
| 1 | P S Tadkar | Judge for BE E&TC Project Exhibition | AISSMS COE Pune |  |

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| Few photographs of related to faculty contribution (felicitation of faculty, photos of award function etc. | |
| Size of photo 5 cm x 7 cm with captions |  |
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**3. ACTIVITIES ORGANIZED**

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

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| 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.)** |
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| 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.)** |
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**3.2 SEMINARS/ WORKSHOPS/ WEBINARS ORGANIZED BY THE DEPARTMENT**

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| 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 | P M Warke | Expert Talk of Mr. S. P. Singh, VP, Praj Industries Ltd., Pune during the DAB Meeting | 12/11/2022 |  | AISSMS COE, Pune. (Honorarium of Rs. 3000/- |
| 2 | Dr K A Datir and K N Bawankar | A Gateway to Research | 10/11/2022 | 40 |  |
| 3 | Dr. M. Baingne and Dr. A. S. Jadhav | Business Opportunities in Finance | 11/11/2022 | 40 |  |
| 4 | Dr. M. Baingne and Prof. P. M. Warke | Become a Successful Chemical Engineer | 24/11/2022 | 37 |  |
| 5 | P S Tadkar | Indian School Business Opportunities for Higher Education | 07/08/2022 | 49 |  |
| 6 | P S Tadkar | Entrepreneurship and Business Opportunities for Engineering Graduates | 17/08/2022 | 40 |  |
| 7 | P S Tadkar | Why to Study in UK | 13/09/2022 | 67 |  |

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| 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.)** |
| 1 | P S Tadkar | Industrial Waste Water | 04/03/2023 | 29 |  |
| 2 | P S Tadkar | Heterogeneous Catalysis | 25/03/2023 | 35 |  |

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

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| 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.)** |
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**3.4 EXTENSION ACTIVITIES CONDUCTED BY THE DEPARTMENT (Social activities / Quizzes at national/international level/any other activity)**

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| Term One | | | | |
| S N | **Name of Faculty Coordinator** | **Details of activity conducted** | **Date** | **Number of beneficiaries** |
| 1 | P M Warke | Financial help to needy Girl students for their balance fee from Industries/ Industry Personnel  Name of Students: Tanvi Naik (TE Chemical), Amount Rs. 16,462/- has been paid by Industry Personnel Mr. Rahul Patil, | 10/11/2022 | 01 |
| 2 | P M Warke | Financial help of Rs. 19,462/- has been paid by Industry Personnel Mr. Rahul Patil, Dubai to the Student: Akanksha Gaikwad (BE Chemical) | 09/11/2022 | 01 |
| 3 | P M Warke | Participated in Walkethon 3 Km as one of members in the Organizing Team for Bureau of Indian Standards, Pune branch office. As a chief guest inaugurated the programme of awareness of Standards among People on the occasion on ‘World’s Standards Day’ and  & Coordinated D2D Campaigning among volunteers related to the Standards Club, AISSMS COE, Pune | 16/10/2022 | 31 |

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| Term Two | | | | |
| S N | **Name of Faculty Coordinator** | **Details of activity conducted** | **Date** | **Number of beneficiaries** |
| 1 | P M Warke | Financial help to needy Girl student from Industry: Mr. Kiran Karnawat, Director, **Asha Resins Pvt. Ltd., MIDC Markal** of **Rs. 16500/-** & **Rs. 1500/-** by Mr. Nandakishor Umarani, Director **Smita Steels Rolling Mills Pvt. Ltd.,** Pune for College Fee regarding Student: Ms. Manisha Kadu, TE Chemical (Screenshot and copy of the receipt are attached herewith) about her balance fee. |  | 01 |
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**3.5 MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANISATIONS**

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| **Term One** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Name of Organisation** | **Date**  **of MoU Signed** | **Valid upto**  **00/00/0000** |
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| **Term Two** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Name of Organisation** | **Date**  **of MoU Signed** | **Valid upto**  **00/00/0000** |
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| **Total Functional / Live MoUinitiated by Department** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Name of Organisation** | **Date**  **of MoU Signed** | **Valid upto**  **00/00/0000** |
| 1 | P M Warke | Bureau of Indian Standards, Pune branch Office | 4/5/2022 | 4/5/2024 |
| 2 | P M Warke | Apptrain Systems, (Corporate Trainers) Vadodara (Gujarat), | 11/5/2022 | 11/5/2024 |
| 3 | Dr. M Y Naniwadekar | Reva Process Technology, Baner, Pune | 19/01/2021 | 19/01/2031 |
| 4 | Dr. Kirti Datir | SARBI Petroleum and Chemicals Pvt Ltd. | 23/03/2022 | 23/03/2024 |

**3.6 STUDENTS’ CHAPTERS/CLUBS**

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| --- | --- | --- |
| Sr. No | Name of Students’ Chapter | Number of Student Members |
|  |  |  |
| 1 | AIChE Students Chapter | 48 |
| 2 | BIS |  |
| 3 | IIChE Students Chapter |  |
| 4 | IEI Students Chapter | 32 |

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

**Name of Students’ Chapter: AIChE**

**Faculty Advisor: P S Tadkar**

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| Term One | | | | |
| SN | **Event name and details of event** | **Name of chief guest, judges etc.** | **Duration and Dates** | **Number of beneficiaries** |
| 1 | Program Team Introduction | AIChE Team | 04/08/2022 | 47 |
| 2 | Interaction With AIChE NTR | AIChE Team | 06/08/2022 | 37 |
| 3 | Indian School Business Opportunities for Higher Education | Mr Ritesh Mesharm | 07/08/2022 | 49 |
| 4 | Entrepreneurship and Business Opportunities for Engineering Graduates | Mr Mayur Pangrekar | 17/08/2022 | 40 |
| 5 | Why to Study in UK | Mr Sumit Aachryaya | 13/09/2022 | 67 |
| 6 | Industry Visit at Mapro | P S Tadkar | 12/10/2022 | 43 |
| 7 | War of Titrant | H L Kamble | 18/10/2022 | 30 |

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| Term Two | | | | |
| SN | **Event name and details of event** | **Name of chief guest, judges etc.** | **Duration and Dates** | **Number of beneficiaries** |
| 1 | Interaction With AIChE OAU | AIChE Team | 12/02/2023 | 27 |
| 2 | Industrial Waste Water | Victor Komolafe | 04/03/2023 | 29 |
| 3 | Value Added Course | AIChE Team | 23/03/2023 | 45 |
| 4 | Industry Visit at Mapro | P S Tadkar | 10/03/2023 | 45 |
| 5 | Heterogeneous Catalysis | Tofunmi Akinsanya | 25/03/2023 | 35 |

**Name of Students’ Chapter: Standards Club, AISSMS COE, Pune**

**Faculty Advisor: P M Warke**

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| Term One | | | | |
| SN | **Event name and details of event** | **Name of chief guest, judges etc.** | **Duration and Dates** | **Number of beneficiaries** |
| 1 | Programme **Teacher’s Day** Celebration by Bureau of Indian Standards, Pune branch office at CITP, AISSMS COE, Pune | Mr. Harsh Shukla, Standards Promotion Officer. Email: [pnbo@bis.gov.in](mailto:pnbo@bis.gov.in) | 05/09/2022 |  |
| 2 | Participated for Conference on ‘Worlds Standards Day’ for Awareness of Standards in the Society | BIS, Pune | 14/10/2023 |  |
| 3 | Participated in Walkethon 3 Km as one of members in the Organizing Team for Bureau of Indian Standards, Pune branch office. As a chief guest inaugurated the programme of awareness of Standards among People on the occasion on ‘World’s Standards Day’ and  & Coordinated D2D Campaigning among volunteers related to the Standards Club, AISSMS COE, Pune | BIS, Pune | 16/10/2023 |  |
| 4 | Application of POLYMATH in Chemical Engineering | Dr A S Jadhav | 21-25 September 2022 | 42 |

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| --- | --- | --- | --- | --- |
| Term Two | | | | |
| SN | **Event name and details of event** | **Name of chief guest, judges etc.** | **Duration and Dates** | **Number of beneficiaries** |
| 1 | Seminar on the topic:‘Corporate Ready’ | of Rtn Col Uday Jagavkar, Corporate Trainer and Consultant for Jindal Steel | 19/04/2023 | 37 |
| 2 | Lecture under Dr. APJ Abdul Kalam innovation Week dated 03.11.22 | Mr Pravin Sutar | 03.11.22 | 50 |

**Name of Students’ Chapter: IIChE**

**Faculty Advisor: K N Bawankar**

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| --- | --- | --- | --- | --- |
| Term One | | | | |
| SN | **Event name and details of event** | **Name of chief guest, judges etc.** | **Duration and Dates** | **Number of beneficiaries** |
| 1 | Webinar on E - Resources: A Gateway to Research. | Dr. Nikita Wanjari, Relationship Manager,  Science Communicator Academic & Corporate, BalaniInfotech Pvt. Ltd.  Mr. Karan Dobhal, General Manager, BalaniInfotech Pvt. Ltd. | 10/11/2022 | 40 |

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

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| Term One | | | |
| Faculty coordinator | **Name of Activity** | **Date, Duration** | **Number of students involved** |
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| **Term Two** | | | |
| **Faculty coordinator** | **Name of Activity** | **Date, Duration** | **Number of students involved** |
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**3.8 PARENT MEETING**

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| --- | --- | --- | --- |
| Faculty Coordinator | Day and Date | Details of Parent meetings organized | Number of Parents attended |
| Dr. A V Mohod | 06 May 2023 | Online meeting was conducted by the department Under IIChE students Chapter | 12 |
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**3.9 ALUMNI MEET**

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| --- | --- | --- | --- |
| Faculty Coordinator | Day and Date | Details of Alumni meetings organized | Number of Alumni attended |
| H L Kamble | **S**aturday, March 25, 2023 | Alumni meet of Department of Chemical Engineering was held on February 25, 2023 at Department seminar hall. It was then followed by the central activities and dinner. | **32** |
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**3.10 SUPPORT FROM ALUMNI**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 |  |

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

|  |  |
| --- | --- |
| (Start on new page) Few good photographs related to different activities organized | |
| Size of photo 5 cm x 7 cm with captions |  |
|  |  |
|  |  |
|  |  |

1. **RESEARCH CONTRIBUTION**

**4.1 FUNDED RESEARCH PROJECT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term One | | | | |
| S N | **Principal Investigator** | **Title of the Project** | **Amount Received (Rs)** | **Funding Agency** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term Two | | | | |
| S N | **Principal Investigator** | **Title of the Project** | **Amount Received (Rs)** | **Funding Agency** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |

**FUNDING RECEIVED FOR ANY OTHER ACTIVITY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term One | | | | |
| S N | **Faculty Coordinator** | **Title of the activity** | **Amount Received (Rs)** | **Funding Agency** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term Two | | | | |
| S N | **Faculty Coordinator** | **Title of the activity** | **Amount Received (Rs)** | **Funding Agency** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |

**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 M Y Naniwadekar | Solar Water Distillation System | 371561-001  27-09-2022 | National |
| **2** | Dr. A V Mohod | Continuous swirling flow photocatalytic reactor | 27/06/2023  202221030395A | 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 | Vinod V Kenekar, Suhas B Ghugare | Study of the Effects of Process Parameters on High  Shear Wet Granulation, vol 11, 7, July 2022, 488-491 | 2022 | https://www.ijsr.net/ar  chive/v11i7/SR22706160007.pdf | 2319-7064 | International Journal of Science and Research |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Term Two** | | | | | | | |
| **S. No** | **Authors** | **Document Details** | **Year** | **Source Details** | **ISBN/**  **ISSN** | **Publisher** | | |
| 1 | Dr M Y Naniwadekar | Experimental Investigations of the Removal of Methylene Blue from Waste Water using Agricultural Adsorbant | 2023 | International Journal of Membrane Science and Technology | E-ISSN: 2410-1869/23 | Cosmos scholars Publishing House |
| 2 | Dr M Y Naniwadekar | A Review on Copper Chemical Vapour Deposition | 2023 | Materials Today: Proceedings |  | Science direct | |
| 3 | Dr A S Jadhav | Tests for Evaluating the Efficacy of Phosphoric Acid Activated Charcoals from Two Biomasses | 2023 | Nature Environment and Pollution Technology | 0972-6268 | Technoscience Publications | |
| 4 | K B GANDHI,HAISHAL KHAINAR,VIPUL SONAWANE | Production of Biofertilizer from Agro-Waste. | 2023 | International Journal of Research Publication and Reviews, Vol 4, no 5, pp 5724-5728, May 2023 | ISSN 2582-7421 | International Journal of Research Publication and Reviews | |
| 5 | SUNIL MORE,S B GHUGARE,HIMANSU LANKE , K GANDHI | Industrial Waste Water Treatment Using Adsorption by Activated Carbon | 2023 | International Journal of All Research Education and Scientific Methods (IJARESM),  ISSN: 2455-6211, Volume 11, Issue 5, | ISSN: 2455-6211 | www.ijaresm.com | |
| 6 | Vinod V Kenekar, Suhas B Ghugare, Veena Patil-Shinde | Multi-objective optimization of high-shear wet granulation process for better granule properties and fluidized bed drying characteristics, 420 (2023) 118373 | 2023 | https://www.sciencedir  ect.com/science/article  /abs/pii/S0032591023001572 | 0032-5910 | Powder Technology (Elsevier) | |
| 7 | Sushil More, Suhas Ghugare, Himanshu Lanke, Kiran Gandhi | Industrial Waste Water Treatment Using Adsorption by  Activated Carbon, vol 11, 5, May 2023, 1765-176 | 2023 | http://www.ijaresm.com/industrial-waste-water-treatment-using-adsorption-by-activated-carbon | 2455-6211 | International Journal of All Research Education and Scientific Methods | |
| 8 | A V Mohod\*, P H. Palharim, B Ramos, P F. Moreira, A Teixeira, R Giudici, *(2023)*(ISSN*)*(I.F-0.262) | Phenol degradation using combined effects of hydrodynamic cavitation and oxidant: Doehlert matrix, *Environmental Quality Management* | 2023 | <https://doi.org/10.1002/tqem.22063> | *1520-6483* | SCOPUS | |
| 9 | A V Mohod, ACSC Teixeira, M V Bagal, P R Gogate, R Giudici\*, | Degradation of organic pollutants from wastewater using hydrodynamic cavitation: A Review, J of environmental chemical engg, 11(3)(2023) 109773(I.F-7.968) | 2023 | <https://doi.org/10.1016/j.jece.2023.109773> | (ISSN-2213-3437) | Scopus | |

**4.6 BOOK/ ARTICLE PUBLICATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **Author** | **Title of the Book** | **Published by** | **ISBN** | **Year** |
| Dr Santosh Walke, DrMakarandNaniwadekar | Introduction to Nanotechnology | Alpha International Publication | 978-93-95978-05-7 | 2022 |
| Dr Santosh Walke, Dr Ravi Tapre, DrMakarandNaniwadekar | Fluid Mechanics Engineering | AGPH Books | 978-93-95468-85-5 | 2022 |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **Author** | **Title of the Book** | **Published by** | **ISBN** | **Year** |
| A V Mohod, M V Bagal, | Technological Developments in Energy Generation from Municipal Solid Waste, 360 Degree Waste Management, Fundamentals, Agricultural and Domestic Waste, and Remediation, Volume 1 | Elsevier | ISBN 9780323907606 | 2023 |
|  |  |  |  |  |

**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 M Y Naniwadekar | Citations: 55,  h-index: 3,  i-10 index: 2 | Dr P N Dange | Citations: 86,  h-index: 3,  i-10 index: 3 |
| Dr A S Jadhav | Citations: 22,  h-index: 3,  i-10 index: 0 | Dr. S B Ghugare | Citations: 184,  h-index: 4,  i-10 index: 4 |
| K N Bawankar | Citations: 62,  h-index: 3,  i-10 index: 3 | Dr. A V Mohod | Citations: 674,  h-index: 13,  i-10 index: 15 |
| Dr Mahendra Baingne | Citations: 19,  h-index: 02,  i-10 index: 01 | Dr K A Datir | Citations: 48,  h-index: 03,  i-10 index: 02 |

**Total Citations of Department:1150**

**4.8 ME AWARDED**

|  |  |  |  |
| --- | --- | --- | --- |
| Sr No | Name of Supervisor | Title of Thesis | Name of Candidate |
| 1 | Dr. S B Ghugare | Mechanistic Basis to Study the Effects of Process Parameters on High Shear Wet Granulation | Mr. Vinod V. Kenekar |
| 2 | Dr. P N Dange | Synthesis, Characterization And Optimization Of Silver  Nanoparticles | Ms. Mayuri Pawar |
| 3 | Dr. S B Ghugare | Industrial Waste Water Treatment  using Adsorption by Activated Carbon | Mr. Sushil S. More |
| 4 | Dr. P N Dange | Study of MVG Trays, and Their Tray Hydraulic Equivalent Sieve Trays | Mr. Ruttuparna Thatte |

**4.9 PhD GUIDE DETAILS**

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

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

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

|  |  |
| --- | --- |
| Few good photographs related to different activities organized under research, innovation | |
| Size of photo 5 cm x 7 cm with captions |  |
|  |  |
|  |  |
|  |  |

1. **INTERACTION WITH INDUSTRY**

**5.1 INDUSTRY VISITS ORGANISED**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Class and Number of students attended** | **Industry Name and Address** | **Date of visit** |
| 1 | P S Tadkar | BE (43) | Mapro Foods Pvt Ltd | 12/10/2022 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Class and Number of students attended** | **Industry Name and Address** | **Date of visit** |
| 1 | Dr M Y Naniwadekar | BE, 03 | Field Visit: Golden Fish Farms, Pachwad, Satara | 15/02/2023 |
| **2** | Dr A S Jadhav | TE Chemical  45 | Katraj Diary Ltd Pune | 3 May 2023 |
| **3** | Dr. S B Ghugare | SE Chemical, (37) | Ross Boilers, 33, Burhani Industrial Estate, Kondhwa, Pune, Maharashtra 411048 | May 31, 2023 |
| **4** | P S Tadkar | SE (47) | Mapro Foods Pvt Ltd | 10/03/2022 |

**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** |
| 1 | KBG | SE CHEM  (32) | MR GIRISH BHUNJE  Designation: Head Senior General Manager. , SunPharma Ltd.  Company :SunPharma Ltd. Ahmednagar.  Contact details: Mobile No.8758909803 | ENGG. MATERIALS | Dec.17, 2022. |
| 2 | Dr K A Datir and K N Bawankar | SE, TE and BE | Dr. Nikita Wanjari, Relationship Manager,  Science Communicator Academic & Corporate, BalaniInfotech Pvt. Ltd.  Mr. Karan Dobhal, General Manager, BalaniInfotechPvt. Ltd. | E Resources- A Gateway to Research | 10/11/2022 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 |
| 1 | Dr M Y Naniwadekar | Improvement of Water Quality for biotic growth | Golden Fish Farm, Pachwad, Satara |
|  |  |  |  |

**5.4 MOU SIGNED WITH INDUSTRY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Name of Industry** | **Date**  **of MoU Signed** | **Valid upto**  **(00/00/0000)** |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Name of Industry** | **Date**  **of MoU Signed** | **Valid upto**  **(00/00/0000)** |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TOTAL FUNCTIONAL / LIVE MOU INITIATED BY THE DEPARTMENT** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Name of Industry** | **Date**  **of MoU Signed** | **Valid upto**  **(00/00/0000)** |
|  |  |  |  |  |
|  |  |  |  |  |

**5.5 FACULTY MEMBERS UNDERGONE INDUSTRIALTRAINING**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Term Two** | | | |
| **Sr. No.** | **Name of Faculty** | **Name of Industry** | **Dates and Duration** |
| 1 | P S Tadkar | Siddh Technologies | 03 days |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | | |
| **Sr. No.** | **Name of the Student** | **Name of the Industry** | **Class** | **Training duration** | | |
|  |  |  |  | **Start date** | **Last date** | **Duration (days)** |
| 01 |  |  |  |  |  |  |
| 02 |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term Two** | | | | | | |
| **Sr. No.** | **Name of the Student** | **Name of the Industry** | **Class** | **Training duration** | | |
|  |  |  |  | **Start date** | **Last date** | **Duration (days)** |
| 1 | Anarse Pravin Santosh | Harmony Organics Pvt Ltd | TE | 20/12/2022 | 31/01/2023 | 42 Days |
| 2 | Bhandari Ashish Prakash | LMGPD Sahkari Sakhar Karkhana Ltd | TE | 21/12/2022 | 25/01/2023 | 35 Days |
| 3 | Bhangale Gaurav Satish | Clemence Cosmetiques, Surat | TE | 01/12/2022 | 31/12/2022 | 31 Days |
| 4 | Bhokate Rutuja Sudam | Vimali Soap Industries, Bhor Pune | TE | 17/12/2022 | 17/01/2023 | 30 Days |
| 5 | Bondre Avadhoot Suresh | Vimali Soap Industries, Bhor Pune | TE | 17/12/2022 | 17/01/2023 | 30 Days |
| 6 | Chaudhari Yash Sanjay | Shree Satpuda Tapi Parisar Sahkari Sakhar Karkhana Ltd | TE | 01/12/2022 | 31/12/2022 | 31 Days |
| 7 | Diggikar Dhiraj Digambar | Vimali Soap Industries, Bhor Pune | TE | 17/12/2022 | 17/01/2023 | 30 Days |
| 8 | Divekar Karan Shantaram | Nath Bio-Chemical Industries Pvt Ltd | TE | 21/12/2022 | 25/01/2023 | 35 Days |
| 9 | Duggad Shubham Sanjay | Marcuras Water Treament (Ind) Pvt Ltd Pune | TE | 12/12/2022 | 12/01/2023 | 31 Days |
| 10 | Gaikwad Sankalp Sunil | Shri Someshwar Sahkari Sakhar Karkhana Ltd, Pune | TE | 15/12/2022 | 25/01/2023 | 41 Days |
| 11 | Gangurde Sneha Sanjay | RCFL Raigarh | TE | 01/02/2023 | 10/03/2023 | 38 Days |
| 12 | Ghodke Vikas Rajendra | Harmony Organics Pvt Ltd | TE | 20/12/2022 | 31/01/2023 | 42 Days |
| 13 | Girvale Vishal Anil | Vimali Soap Industries, Bhor Pune | TE | 17/12/2022 | 17/01/2023 | 30 Days |
| 14 | Godase Shreyas Sirama | Crescon Industries Pvt Ltd | TE | 20/02/2023 | 21/03/2023 | 30 Days |
| 15 | Gosavi Vaibhavi Dhanaji | Samrat Pharmaceutticals Jalgaon Maharashtra | TE | 01/12/2022 | 31/12/2022 | 31Days |
| 16 | Ingle Chetan Diliprao | Makspeed Technologies Pvt Ltd Pune | TE | 19/12/2022 | 25/01/2023 | 37 Days |
| 17 | Jagdale Tushar Dnyandev | Vimali Soap Industries, Bhor Pune | TE | 17/12/2022 | 17/01/2023 | 30 Days |
| 18 | Jagtap Sahil Sambhaji | Tejal Chemicals Navi Mumbai | TE | 21/01/2023 | 20/02/2023 | 30 days |
| 19 | Jain Yash Sanjay | Arihant Industries, Ghoti, Nashik Maharashtra | TE | 15/01/2023 | 15/02/2023 | 30 Days |
| 20 | Kadu Manisha Raju | RCFL Raigarh | TE | 01/02/2023 | 10/03/2023 | 38 Days |
| 21 | Kajarekar Abhishek Avinash | Sudarshan Chemical Industries Ltd | TE | 23/01/2023 | 22/02/2023 | 31 Days |
| 22 | Kakade Sagar Sachin | Vimali Soap Industries, Bhor Pune | TE | 17/12/2022 | 17/01/2023 | 32 Days |
| 23 | Kathale Abhay Vijay | Ross Boilers Pune | TE | 15/12/2022 | 25/01/2023 | 41days |
| 24 | Khaladkar Yash Bharat | Vimali Soap Industries, Bhor Pune | TE | 17/12/2022 | 17/01/2023 | 30 Days |
| 25 | Khatod Jayesh Satyajit | Innovative Water Technologies Pvt Ltd, Belagavi, Karnataka | TE | 03/01/2023 | 03/02/2023 | 30 Days |
| 26 | Kodoli Vishakha Arun | Shri Hiranyakeshi Sahkari Sakhare Karkhane, Sankeshwar | TE | 15/12/2022 | 25/01/2023 | 41 Days |
| 27 | Kulkarni Mayur Gunwant | Innovative Water Technologies Pvt Ltd, Belagavi, Karnataka | TE | 03/01/2023 | 03/02/2023 | 30 Days |
| 28 | Kurdhane Nikita Madan | Reva Process Tecnologies Pune | TE | 26/12/2022 | 25/01/2023 | 31 Days |
| 29 | Ladkat Yash Jitendra | Marcuras Water Treament (Ind) Pvt Ltd Pune | TE | 12/12/2022 | 12/01/2023 | 31 Days |
| 30 | Lole Vedant Deepak | Harmony Organics Pvt Ltd | TE | 20/12/2022 | 31/01/2023 | 42 Days |
| 31 | Londhe Tejas Chandrakant | Innovative Water Technologies Pvt Ltd, Belagavi, Karnataka | TE | 03/01/2023 | 03/02/2023 | 30 Days |
| 32 | Modhave Sushant Sharad | Autoshine Coaters, Pune | TE | 10/12/2022 | 10/01/2023 | 31 Days |
| 33 | Mohammad Adil Mahfooz | Skytec Water Treatment Services Pune | TE | 06/12/2022 | 05/01/2023 | 30 Days |
| 34 | Mohd Afif Abuzar Mohd Nadeem | Skytec Water Treatment Services Pune | TE | 06/12/2022 | 05/01/2023 | 30 Days |
| 35 | Mote Dnyanraj Sandip | Sun Pharmaceutical Industries Ltd, Ahmednagar | TE | 10/12/2022 | 10/01/2023 | 31 Days |
| 36 | Naik Tanvi Nitin | Cipla Ltd Goa | TE | 25/01/2023 | 18/02/2023 | 25 days |
| 37 | Nale Pratik Vijaysinha | Ross Boilers Pune | TE | 15/12/2022 | 25/01/2023 | 41days |
| 38 | Nikam Dnyaneshwar Gulabrao | Nath Bio-Chemical Industries Pvt Ltd | TE | 21/12/2022 | 25/01/2023 | 35 Days |
| 39 | Om Ravindra Avhad | Greencrop International Pvt Ltd Pune | TE | 24/12/2022 | 25/01/2023 | 32 Days |
| 40 | Palshetkar Anushka Santosh | Elica Engineering Corporation, Pune |  | 01/02/2023 | 04/03/2023 | 32 Days |
| 41 | Patil Aniket Jivan | Nath Bio-Chemical Industries Pvt Ltd | TE | 21/12/2022 | 25/01/2023 | 35 Days |
| 42 | Patil Avadhut Anil | Harmony Organics Pvt Ltd | TE | 20/12/2022 | 31/01/2023 | 42 Days |
| 43 | Patole Abhijeet Vitthal | Greencrop International Pvt Ltd Pune | TE | 24/12/2022 | 25/01/2023 | 32 Days |
| 44 | Potsure Omkar Santosh | Hikal Ltd, Mahad | TE | 16/12/2022 | 31/12/2022 | 16 Days |
| 45 | Ranaware Shardul Satyavan | Aqua Blue Sales and Services, Pune | TE | 12/12/2022 | 12/01/2023 | 31 Days |
| 46 | Rasale Sandesh Sanjay | Makspeed Technologies Pvt Ltd Pune | TE | 19/12/2022 | 25/01/2023 | 37 Days |
| 47 | Rokade Sanket Namdev | Marcuras Water Treament (Ind) Pvt Ltd Pune | TE | 12/12/2022 | 12/01/2023 | 31 Days |
| 48 | Rupanawar Prasad Krishnaji | Aqua Blue Sales and Services, Pune | TE | 12/12/2022 | 12/01/2023 | 31 Days |
| 49 | Sable Sanket Sampat | Makspeed Technologies Pvt Ltd Pune | TE | 19/12/2022 | 25/01/2023 | 37 Days |
| 50 | Salunke Sangram Sunil | Trimurti Pharma Ltd | TE | 15/12/2022 | 15/01/2023 | 31 Days |
| 51 | Salunkhe Shubham Rajesh | Vimali Soap Industries, Bhor Pune | TE | 17/12/2022 | 17/01/2023 | 30 Days |
| 52 | Sayyed Huda Farooq | Samrat Pharmaceutticals Jalgaon Maharashtra | TE | 01/12/2022 | 31/01/2023 | 31 Days |
| 53 | Shaikh Junaid Hamid | Skytec Water Treatment Services Pune | TE | 06/12/2022 | 05/01/2023 | 30 Days |
| 54 | Shaikh Mohammed Omar | Makspeed Technologies Pvt Ltd Pune | TE | 19/12/2022 | 25/01/2023 | 37 Days |
| 55 | Shidore Anjali Babuppa | Reva Process Technologies Pune | TE | 26/12/2022 | 25/01/2023 | 31 Days |
| 56 | Shinde Aditya Bhimraj | Laxmi Organic Industries Ltd, Mumbai | TE | 23/01/2023 | 22/02/2023 | 31 days |
| 57 | Shinde Nishant Dilip | Shivam Resin &Paint Pvt Ltd Nashik Maharashtra | TE | 20/12/2022 | 26/01/2023 | 38 Days |
| 58 | Shipkule Nikhil Somnath | Harmony Organics Pvt Ltd | TE | 20/12/2022 | 31/01/2023 | 42 Days |
| 59 | Shitole Abhijeet Madhukar | Shivam Resin  Nashik Maharashtra | TE | 20/12/2022 | 26/01/2023 | 38 Days |
| 60 | Tale Om Chandrakant | Resin & Paint Pvt Ltd Nashik Maharashtra | TE | 20/12/2022 | 26/01/2023 | 38 Days |
| 61 | Tapse Patil Krishna Pradip | Greencrop International Pvt Ltd Pune | TE | 24/12/2022 | 25/01/2023 | 32 Days |
| 62 | Udapure Anshul Nandkumar | Resin & Paint Pvt Ltd Nashik Maharashtra | TE | 20/12/2022 | 26/01/2023 | 38 Days |
| 63 | Vaishnavi Nitin Ghorpade | Thermaxx Limited Pune | TE | 22/12/2022 | 17/02/2023 | 57 Days |
| 64 | Vavhal Yash Navnath | Bhimashankar Sahakari Sakhar Karkhana Ltd Pune | TE | 31/01/2023 | 28/02/2023 | 30 Days |
| 65 | Waichal Umesh Ramchandra | Annar Foam Pvt Ltd Solapur | TE | 19/12/2022 | 27/01/2023 | 39 days |
| 66 | GAWALI SHIVAM PRADEEP | Shivam Resin  Nashik Maharashtra | TE | 20/12/2022 | 26/01/2023 | 38 Days |
| 67 | DHOLE SATYEN ARVIND | Ishan Industries,MIDC,Jalgoan | TE | 1/02/2023 | 28/02/2023 | 28 Days |
| 68 | SHINDE SHIVAM SACHIN | Asiatech Coating,Shirur. | TE | 24/12/2022 | 25/01/2023 | 32  Days |
| 69 | GAME SWARAJ RAVINDRA | Shivam Resin  Nashik Maharashtra | TE | 20/12/2022 | 26/01/2023 | 38 Days |
| 70 | NAVLE RUSHIKESH SUBHASH | Ross Boilers Pune | TE | 15/12/2022 | 25/01/2023 | 41days |
| 71 | BAGAL AKASH ASHOK | Ross Boilers Pune | TE | 15/12/2022 | 25/01/2023 | 41days |

**5.7 LIST OF INDUSTRIES SUPPORTED IN THE ORGANISATION 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** |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **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** |
|  |  |  |  |

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| --- | --- | --- | --- |
| **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** |
|  |  |  |  |
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| --- | --- | --- | --- |
| **Term Two** | | | |
| **Sr. No.** | **Faculty coordinator** | **Name of Activity** | **Remark** |
|  |  |  |  |
|  |  |  |  |

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

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| --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | |
| **Sr No** | **Name of student** | **Industry** | **Sr No** | **Name of student** | **Industry** |
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| --- | --- | --- | --- | --- | --- |
| **Term Two** | | | | | |
| **Sr No** | **Name of student** | **Industry** | **Sr No** | **Name of student** | **Industry** |
|  |  |  |  |  |  |
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|  |  |
| --- | --- |
| Few good photographs related to different activities organized under Industry Institute Interaction | |
| Size of photo 5 cm x 7 cm with captions |  |
|  |  |
|  |  |
|  |  |

**6.STUDENTS’ ACHIEVEMENTS**

**6.1 STUDENTS’ ACHIEVMENT(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)** |
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| --- | --- | --- |
| Term Two | | |
| Name of Student | **Details of Achievement (State/University/ National/International Level)** | **Remark**  **(Domain)** |
|  |  |  |
|  |  |  |
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**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)** |
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| --- | --- | --- |
| Term Two | | |
| Name of Student | **Details of Achievement (State/University/ National/International Level)** | **Remark**  **((Domain)** |
|  |  |  |
|  |  |  |
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**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** | YashLadkat | Generic online training in cyber security | MeitY | 01/10/2022 to 20/10/2022 |
| **2** | YashLadkat | Drinking Water Treatment | Delft University of Technology | 01/08/2022 to 20/08/2022 |
| **3** | YashLadkat | The COSHH risk assessor certification | TIACS | 01/11/2022 to 19/11/2022 |
| **4** | YashLadkat | Application of POLYMATH in chemical engineering | Dept. of Chemical Engg., AISSMS COE | 19/09/2022 to 23/09/2022 |
| **5** | Mohammad Adil | Product Management | Great Learning Academy | 01/09/2022 to 20/09/2022 |
| **6** | Mohammad Adil | Application of POLYMATH in chemical engineering | Dept. of Chemical Engg., AISSMS COE | 19/09/2022 to 23/09/2022 |
| **7** | Pritesh Vijay Gole | Hydrogen Safety | Others | 01/10/2022 to 20/10/2022 |
| **8** | Ishwari Kishorkumar Pansare | Lab safety | SACHE- Lab safety course | 01/08/2022 to 20/08/2022 |
| **9** | Shawn Noronha | SAChE® Certificate Program - Lab Safety | SAChE. | 01/11/2022 to 19/11/2022 |
| **10** | Kartik Umate | Chemical Engineering | AIChE | 19/09/2022 to 23/09/2022 |
| **11** | Mayur Pravin Thaware | Introduction to Hydrogen safety to first responders | AICHE | 01/09/2022 to 20/09/2022 |
| **12** | Kunal Prabhakar Hirave | Introduction to Hydrogen Safety for First Responders | AIChE | 19/09/2022 to 23/09/2022 |
| **13** | Kanak Oswal | Excel 2022, Python Data Structures | COURSERA | 01/10/2022 to 20/10/2022 |
| **14** | Asmi Shankar Attikeri | Hydrogen fuel cell vehicle, Micro tranning learning plan | AICHE | 01/08/2022 to 20/08/2022 |
| **15** | Shubhank Thakur | Lab Safety | Aiche | 01/11/2022 to 19/11/2022 |
| **16** | Halburge Om Anantkumar | Process/Chemical Engineering BOOTCAMP 2021 | Udemy | 19/09/2022 to 23/09/2022 |
| **17** | Adesh Pawar | Python for Beginners | SkillUp | 01/09/2022 to 20/09/2022 |
| **18** | Aadesh Khlaladkar | Python, Webinars, Mind control etc | Online course | 19/09/2022 to 23/09/2022 |
| **19** | Pawa Abhishek Daulatarao | Chemicals | Aiche | 01/10/2022 to 20/10/2022 |
| **20** | Pawar Pranav Umesh | Safety and chemical engineering education | NPTEL | 01/08/2022 to 20/08/2022 |
| **21** | Om Sanjay Surana | LAB SAFETY | NPTEL | 01/11/2022 to 19/11/2022 |
| **22** | Apurva Vishnu shelar | Lab safety | Aiche sache | 19/09/2022 to 23/09/2022 |
| **23** | KAMBLE YASH SHILVANT | SACHe lab safety | aiche | 01/09/2022 to 20/09/2022 |
| **24** | Siddhali Sanjay shegar | Lab safety | Aiche academy | 19/09/2022 to 23/09/2022 |
| **25** | Sandesh Rathod | Lab safety | Aiche | 01/10/2022 to 20/10/2022 |
| **26** | Shinde Aditya Babasaheb | Lab safety | AICHE | 01/08/2022 to 20/08/2022 |
| **27** | Shinde Aditya Babasaheb | Lab safety | AICHE | 01/11/2022 to 19/11/2022 |
| **28** | SHRUTEE J BORHADE | INTRODUCTION TO HYDROGEN SAFETY | AICHE | 19/09/2022 to 23/09/2022 |
|  | Lanke Himanshu Rajesh | Basic python course | Udemy | 01/09/2022 to 20/09/2022 |
| **28** | Mayur Santosh Tandalelar | Matlab | COURSERA | 19/09/2022 to 23/09/2022 |
| **29** | Srivatsan A Iyengar | Lab Safety Course AICHE | AICHE | 01/10/2022 to 20/10/2022 |
| **30** | Shrutee Jagdish Borhade | Introduction to Hydrogen safety by first responders | AICHE | 01/10/2022 to 20/10/2022 |
| 31 | Mihir Parab | Business analytics with Excel | SkillUp by Simplilearn | 19/09/2022 to 23/09/2022 |
| 32 | Aditya Baban Jarhad | Matlab | Mathworks | 19/09/2022 to 23/09/2022 |
| 33 | Aarti Somnath Divate | Flow assurance workshop on well cold restart analysis using OLGA simulation . | ALCHEMIAL | 19/09/2022 to 23/09/2022 |
| 34 | Akash kewat | Strategic ways to build a successful business on YouTube, and certificate of completion. | Udemy , intershala | 19/09/2022 to 23/09/2022 |
| 35 | Swapnil Sunil Yadav | AutoCAD 2D & 3D Software | KBTCOE, Nashik | 19/09/2022 to 23/09/2022 |
| 36 | AMAN GULAB SAYYAD | (1) Ferrous Technology -1 (2) Oil And Natural Gas Operations | Coursera, Coursera | 19/09/2022 to 23/09/2022 |
| **37** | AMAN GULAB SAYYAD | 2.Ferrous Technoogy 1 | Coursera | 19/09/2022 to 23/09/2022 |
| **38** | Gaikwad Akanksha Ashok | 1. Introduction to six sigma. 2.Data science with python. 3. Introduction to Robotic process automation (RPA) | Simplilearn | 19/09/2022 to 23/09/2022 |
| **39** | Nikhil Gandhile | Matlab | Matlab onramp | 19/09/2022 to 23/09/2022 |
| **40** | Sagar Jitendra Raut | Matlab Onramp | Mathwork | 19/09/2022 to 23/09/2022 |
| **41** | Akshat Katiyar | Advance excel | Internshalla | 19/09/2022 to 23/09/2022 |
| **42** | Fiza Ashpak Shaikh | Introduction to Data Analytics | Simplilearn | 19/09/2022 to 23/09/2022 |
| **43** | Prachi Julme | Introduction to data analytics | Skill up by simplilearn | 19/09/2022 to 23/09/2022 |
| **44** | Sumer Pardeshi | Brand mangemnet | Great learning | 19/09/2022 to 23/09/2022 |
| **45** | Sumer Pardeshi | Sales Excellence | Udemy | 19/09/2022 to 23/09/2022 |
| **46** | Sumer Pardeshi | Marketing analytics | Udemy | 19/09/2022 to 23/09/2022 |
| **47** | Satish keshvrav Salunke | Chemical Safety | The international association for safety | 19/09/2022 to 23/09/2022 |
| **48** | Harshal Santosh Khairnar | Process Hazards in Chemical Industry. | Udemy | 19/09/2022 to 23/09/2022 |
| **49** | shivani gupta | Process and piping | [Beginnings.org](http://Beginnings.org) | 19/09/2022 to 23/09/2022 |
| **50** | Vipul Rameshwar Sonawane | Fire And Explosion | Udemy | 19/09/2022 to 23/09/2022 |
| **51** | Sanskar Dharmendra Yadav | Java course | Deep learning | 19/09/2022 to 23/09/2022 |
| **52** | Neeraj Rede | The Fundamentals of Digital Marketing | Google Digital Garage | 19/09/2022 to 23/09/2022 |
| **53** | Sanjay Kumar Mohakud | Advanced Ms Excel | Inetrnshala | 19/09/2022 to 23/09/2022 |
| **54** | Yogita Ramdas Bhandari | THE FUNDAMENTALS OF DIGITAL MARKETING | GOOGLE Digital Garrage | 19/09/2022 to 23/09/2022 |
| **55** | Mrunmayee Ashtikar | Introduction to MS Excel | Skillup | 19/09/2022 to 23/09/2022 |
| **56** | Rafik Hasan Shaikh | Refferal agent | Upstox refferal partner | 19/09/2022 to 23/09/2022 |
| **57** | Akash kewat | Strategic ways to build a successful business on YouTube, and certificate of completion | Udemy, intershala | 19/09/2022 to 23/09/2022 |
| **58** | Shraddha Anil Shrirao | Principles of Management | Great learning | 19/09/2022 to 23/09/2022 |
| **59** | Fardin Deshmukh | Introduction to MS Excel | Simplilearn | 19/09/2022 to 23/09/2022 |
| **60** | Gaikwad Akanksha Ashok | 1. Introduction to six sigma.2. Data science with python.3. Introduction to robotics process automation | Simplilearn | 19/09/2022 to 23/09/2022 |
| **61** | Darshan Desadla | AUROCAD 2D and 3D software | Others | 19/09/2022 to 23/09/2022 |
| **62** | Sakshi sanjay Ahirrao | Statistical method for decision making | Others | 19/09/2022 to 23/09/2022 |
| **63** | Suyog Dinesh Choudhari | Machine learning | Skillup by simplilearn | 19/09/2022 to 23/09/2022 |
| **64** | Bhavesh Vishal Patil | HTML Basics | Great Learning | 19/09/2022 to 23/09/2022 |
| **65** | Chandan Dinanath Yadav | Chemical process safety | COSHH Risk assessor | 19/09/2022 to 23/09/2022 |
| **66** | Raviraj Patil | Java Certificate course | Skillup | 19/09/2022 to 23/09/2022 |
| **67** | Pratik Babasaheb Jagdhane | Mini diploma in process engineering | Aaharya Technologies | 19/09/2022 to 23/09/2022 |
| **68** | Prajakta Sanjay Pharate | Project management | Great learning Academy. | 19/09/2022 to 23/09/2022 |
| **69** | Aamod Rajurkar | Introduction to Six Sigma | Simplilearn | 19/09/2022 to 23/09/2022 |
| **70** | Sahil Lalit Jain | AutoCAD 2D & 3D | Others | 19/09/2022 to 23/09/2022 |
| **71** | Kate Nilesh Ashok | Advanced Excel Training | Intershala | 19/09/2022 to 23/09/2022 |
| **72** | Ishant Vilas Kamchan | Oil & Gas Industry Operations and Markets | Coursera | 19/09/2022 to 23/09/2022 |
| **73** | Walunj Sanket | Mobile app development | Great learning academy | 19/09/2022 to 23/09/2022 |
| **74** | Rutik Balu waghmode | App development | app development | 19/09/2022 to 23/09/2022 |
| **75** | Vaibhav Sunil Barbade | MATLAB Onramp | MathWorks | 19/09/2022 to 23/09/2022 |
| **76** | BHOSALE DHANSHREE BHARAT | Machine Learning From Data Science And Analytics | ColumbiaX | 19/09/2022 to 23/09/2022 |
| **77** | Onkar Shripad Chafekar | Advanced Manufacturing Process Analysis | COURSERA | 19/09/2022 to 23/09/2022 |
| **78** | Gadekar Akshay Jalindar | Introduction to Internet of Things | NPTEL | 19/09/2022 to 23/09/2022 |
| **79** | Dhamdhere Sudeep | Introduction to internet of things | NPTEL | 19/09/2022 to 23/09/2022 |
| **80** | Pawar Pradeep ratan | THE COSHH RISK ASSESSOR CERTIFICATION | NPTEL | 19/09/2022 to 23/09/2022 |
| **81** | Mihir Parab | Business analytics with Excel | Skill Up by Simpli learn | 19/09/2022 to 23/09/2022 |

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| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **S N** | **Name of Student** | **Title of the Course** | **Conducted By** | **Duration/ Dates** |
| 1 | Lanke Himanshu Rajesh | energy literacy program | Energy Swaraj Foundation | 18/02/2023 |
| **2** | Kanak Oswal | Energy Literacy | Energy Swaraj Foundation | 19/02/2023 |
| **3** | Srivatsan A Iyengar | Energy literacy Training | Energy Swaraj Foundation | 20/02/2023 |
| **4** | Shawn Noronha | Energy Literacy | Energy Swaraj Foundation | 19/02/2023 |
| **5** | Dumbre shraddha Bhanudas | PBL and energy literacy | Energy Swaraj Foundation | 19/02/2024 |
| **6** | Asmi Shankar Attikeri | Energy Swaraj Foundation | Energy Swaraj Foundation | 15/02/2025 |
| **7** | Jadhav pranjal Amol | Energy literacy training | Energy Swaraj Foundation | 15/02/2026 |
| **8** | Omkar parmeshwar deshmane | Sawraj energy | Energy Swaraj Foundation | 21/02/2028 |
| **8** | Shawn Noronha | Energy Literacy | Energy Swaraj Foundation | 19/02/2023 |
| **9** | Dumbre shraddha Bhanudas | PBL and energy literacy | Energy Swaraj Foundation | 19/02/2024 |
| **10** | Asmi Shankar Attikeri | Energy Swaraj Foundation | Energy Swaraj Foundation | 15/02/2025 |
| **11** | Jadhav pranjal Amol | Energy literacy training | Energy Swaraj Foundation | 15/02/2026 |
| **12** | Omkar parmeshwar deshmane | Sawraj energy | Energy Swaraj Foundation | 21/02/2028 |
| **13** | KAJAREKAR ABHISHEK AVINASH | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **14** | KAKADE SAGAR SACHIN | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **15** | KATHALE ABHAY VIJAY | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **16** | KHALADKAR YASH BHARAT | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **17** | KHATOD JAYESH SATYAJIT | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **18** | KODOLI VISHAKHA ARUN | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **19** | KULKARNI MAYUR GUNWANT | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **20** | KURDHANE NIKITA MADAN | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **21** | LADKAT YASH JITENDRA | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **22** | LOLE VEDANT DEEPAK | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **23** | LONDHE TEJAS CHANDRAKANT | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **24** | MODHAVE SUSHANT SHARAD | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **25** | MOHAMMAD ADIL | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **26** | Pritesh Vijay Gole | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **27** | Ishwari Kishorkumar Pansare | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **28** | Shawn Noronha | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **29** | Kartik Umate | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **30** | Mayur Pravin Thaware | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **31** | Kunal Prabhakar Hirave | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **32** | Kanak Oswal | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **33** | Asmi Shankar Attikeri | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **34** | Shubhank Thakur | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **35** | Halburge Om Anantkumar | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **36** | Adesh Pawar | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **37** | Aadesh Khlaladkar | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **38** | Pawa Abhishek Daulatarao | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **39** | Pawar Pranav Umesh | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **40** | Om Sanjay Surana | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **41** | Apurva Vishnu shelar | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **42** | KAMBLE YASH SHILVANT | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **43** | Siddhali Sanjay shegar | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **44** | Sandesh Rathod | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **45** | Shinde Aditya Babasaheb | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **46** | Shinde Aditya Babasaheb | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **47** | SHRUTEE J BORHADE | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **48** | Lanke Himanshu Rajesh | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **49** | Mayur Santosh Tandalelar | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **50** | Srivatsan A Iyengar | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **51** | Shrutee Jagdish Borhade | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **52** | Mihir Parab | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **53** | Aditya Baban Jarhad | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **54** | Aarti Somnath Divate | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **55** | Akash kewat | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **56** | Swapnil Sunil Yadav | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **57** | AMAN GULAB SAYYAD | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **58** | AMAN GULAB SAYYAD | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **59** | Gaikwad Akanksha Ashok | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **60** | Nikhil Gandhile | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **61** | Sagar Jitendra Raut | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **62** | Akshat Katiyar | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **63** | Fiza Ashpak Shaikh | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **64** | Prachi Julme | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **65** | Sumer Pardeshi | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **66** | Sumer Pardeshi | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **67** | Sumer Pardeshi | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **68** | Satish keshvrav Salunke | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **69** | Harshal Santosh Khairnar | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **70** | shivani gupta | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **71** | Vipul Rameshwar Sonawane | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **72** | Sanskar Dharmendra Yadav | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **73** | Neeraj Rede | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **74** | Sanjay Kumar Mohakud | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **75** | Yogita Ramdas Bhandari | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **76** | Mrunmayee Ashtikar | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **77** | Rafik Hasan Shaikh | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **78** | Akash kewat | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **79** | Shraddha Anil Shrirao | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **80** | Fardin Deshmukh | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **81** | Gaikwad Akanksha Ashok | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **82** | Darshan Desadla | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **83** | Sakshi sanjay Ahirrao | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **84** | Suyog Dinesh Choudhari | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **85** | Bhavesh Vishal Patil | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **86** | Chandan Dinanath Yadav | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **87** | Raviraj Patil | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **88** | Pratik Babasaheb Jagdhane | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **89** | Prajakta Sanjay Pharate | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **90** | Aamod Rajurkar | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **91** | Sahil Lalit Jain | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **92** | Kate Nilesh Ashok | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **93** | Ishant Vilas Kamchan | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **94** | Walunj Sanket | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **95** | Rutik Balu waghmode | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **96** | Vaibhav Sunil Barbade | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **97** | BHOSALE DHANSHREE BHARAT | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **98** | Onkar Shripad Chafekar | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **99** | Gadekar Akshay Jalindar | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **100** | Dhamdhere Sudeep | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **101** | Pawar Pradeep ratan | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |
| **102** | Mihir Parab | Energy Literacy Training | Energy Swaraj Foundation | 23/03/2023 to 28/03/2023 |

**6.4 NUMBER OF STUDENTS PLACED 45**

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

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

Lower Package Offered:

Higher package Offered:

Average Package Offered:

**6.5 NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATIONS (GATE, GRE, UPSC, MPSC, CAT, TOEFL, any other examination) 02**

|  |  |  |  |
| --- | --- | --- | --- |
| **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)** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |
| --- | --- |
| Few good photographs related to students’ achievements | |
| Size of photo 5 cm x 7 cm with captions |  |
|  |  |
|  |  |
|  |  |

1. **SUMMARY**

**AND**

**SWOC ANALYSIS**

**7.1 ANY OTHER NOTEWORTHY ACHIEVEMENT OF THE DEPARTMENT (Not mentioned above)**

|  |  |
| --- | --- |
| 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 | Stake holder | Number of Feedbacks Received | Overall Feedback |
| 1 | Alumni | **38** | **Excellent** |
| 2 | Parents | **17** | **Excellent** |
| 3 | Employers |  |  |
| 4 | Students | **73** | **Excellent** |

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

|  |
| --- |
| **Research and Development** |

|  |
| --- |
| **One Faculty One Industry** |

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

|  |
| --- |
|  |

**7.6 SWOC ANALYSIS**

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

**Strengths:**

|  |  |
| --- | --- |
| 1 | Experienced, Committed and Qualified Faculty Members |
| 2 | Good Faculty retention |
| 3 | Well-equipped laboratories |
| 4 | Good number of Faculty publications |
| 5 | Good research culture |

**Weaknesses:**

|  |  |
| --- | --- |
| 1 | Placement in core companies at low salary |
| 2 | Less Consultancy Projects |
| 3 |  |
| 4 |  |
| 5 |  |

**Opportunities:**

|  |  |
| --- | --- |
| 1 | Qualification up-gradation of Faculty |
| 2 | Establishing MOUs with Industries |
| 3 | External Sponsorship for Research |
| 4 | Start Research Centre |
| 5 |  |

**Challenges**

|  |  |
| --- | --- |
| 1 | To attract high merit students |
| 2 | Placement in core companies with higher salary |
| 3 | Creating Entrepreneurs |
| 4 |  |
| 5 |  |

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

|  |  |
| --- | --- |
| 1 | NABIL |
| 2 | To provide consultancy to Industry |
| 3 |  |
| 4 |  |
| 5 |  |

**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 | Sticking to Academic Calendar  Regular Test and Assignments |
| Organization of different activities | Webinar Workshop  Orientation Program  Cultural Exchange Program  Chapter Activities |
| Research and Innovation | Projects given by Industry  Experimental Projects  Testing and Consultancy |
| Industry institute Interaction | Expert Lectures  Industrial Training  One Faculty One Industry  MOUs  Placement |
| Students’ Achievements | Won Prizes in National Level Conferences  Class/ University Rankers |

**SUMMARY SHEET (Annual)**

|  |  |  |
| --- | --- | --- |
| Sr No | Activity/ Item | Numbers |
| PROFILE OF DEPARTMENT | | |
| 01 | Students in the department | 211 |
|  |  |  |
|  | **FACULTY CONTRIBUTION** |  |
| 02 | e content developed by faculty and available online | 22 |
| 03 | Number of FDP/STTP attended by the department faculty | 20 |
| 04 | Number of Seminars/ workshops/ webinars attended by the department faculty | 30 |
| 05 | Number of Conferences/ symposiums attended by the department faculty | 04 |
| 06 | Number of Online courses / certificate courses completed by department faculty | 07 |
| 07 | Number of extension lectures / webinars (Lectures delivered on other than technical topics)) | 01 |
| 08 | Number of Faculty served as resource person, expert, chairperson | 03 |
|  |  |  |
|  | **ACTIVITIES ORGANISED** |  |
| 09 | Number of FDP/STTP organized by the department | 00 |
| 10 | Number of Seminars/ workshops/ webinars organized by the department (for faculty) | 09 |
| 11 | Number of Conferences/ symposiums organized by the department (for faculty) | 00 |
| 12 | Number of Extension activities conducted by the department (Social/ Quizzes at national/international level/any other activity) | 04 |
| 13 | MOU signed with academic and professional organizations | 00 |
| 14 | Number of Students’ chapters /clubs | 04 |
| 15 | Number of Social activities organized | 00 |
| 16 | Number of Parent meeting | 01 |
| 17 | Number of Alumni meet | 01 |
| 18 | Number of student counseling and career guidance at the department level | 00 |
|  |  |  |
|  | **RESEARCH CONTRIBUTION** |  |
| 19 | Number of Funded research project | 00 |
| 20 | Number of Testing and consultancy | 00 |
| 21 | Number of Patents, copyright, trademark and other (IPR) | 00 |
| 22 | Number of Papers published/ presented in proceedings of conferences | 00 |
| 23 | Number of Papers published in journals | 10 |
| 24 | Number of Book/ article publications | 03 |
| 25 | Total Research citations | 1150 |
| 26 | Number of ME awarded | 04 |
| 27 | Number of PhD AWARDED | 00 |
|  |  |  |
|  | **INTERACTION WITH INDUSTRY** |  |
| 28 | Number of Industrial visits organised | 05 |
| 29 | Number of Expert lectures delivered by industry experts | 02 |
| 30 | Number of Industry –sponsored projects (UG/PG) | 01 |
| 31 | Number of MOU signed with industry | 00 |
| 32 | Number of Faculty members undergone industrial training | 01 |
| 33 | Number of Students undergone in-plant training and (or) internship programme | 71 |
| 34 | Number of students placed | 45 |
| 35 | Number of students qualified in the examinations | 02 |

**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 duringthe visit.

**Name and Signature**

**Head of Department**