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**Internal Quality Assurance Cell**

**DEPARTMENT OF CHEMICAL ENGINEERING**

**ANNUAL REPORT**

**(15 JUNE 2023 to 14 June 2024)**

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

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

**Academic Year 2023-24**

***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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**PROFILE OF DEPARTMENT**

* Vision
* To be a leader in Chemical Engineering education providing service to society
* Mission
* To prepare graduates for responsible positions in chemical industry, academia and research.
* To prepare graduates to analyse and solve problems of chemical industry, academia and research.
* To strengthen industry-institute interaction to develop industry-oriented attributes like attitude, soft skills, team work and leadership.
* PEOs
* Competency: To prepare competent graduates in Chemical Engineering so that they are successful in their professional career in industry, academia or research.
* Problem Solving Skills: To prepare graduates who can identify, analyse, research and solve Chemical Engineering problems of practical importance to industry, academia or research.
* Leadership Skills: To prepare graduates with effective communication, teamwork and leadership skills so that they can play effective role in industry, academia and research institutes.
* DEPARTMENTAL HIGHLIGHTS
* Well-equipped laboratories with advanced analytical instruments
* Highly Qualified & Dedicated faculty members with experience from Industry and Research
* Department has PG and PhD centre
* Students ranked in University Results
* Value added course on Water and waste water management supported by industries
* Research by students on funded research projects
* Every year students excel in GATE, GRE and CAT /CET with many students pursuing post- graduate programs in Engineering/Management in India and abroad
* Guest faculty is invited to impart Soft Skills training to students
* Every student undergoes in-plant training in industries
* Industry visits are organized every semester.
* Organization & Participation in sports, technical & cultural events
* Department has signed 30 MOUs with reputed companies under Industry Institute interaction cell
* STUDENT CHAPTERS AND CLUB
* American Institute of Chemical Engineering (AIChE)
* Indian Institute of Chemical Engineering (IIChE)
* Institution of Engineers (IEI)
* Bureo of Indian Standards Club (BIS)

PLACEMENT, HIGHER STUDIES & ENTREPRENEURS

Academic Year

|  |  |
| --- | --- |
| RECRUITERS  All images Reliance Petroleum Logo PNG Vector Synergy Logo 2019 Vertical - Edupoint Synergy Logo, HD Png Download ... Image result for Alkylamines Logo  HRS Asia - Delivering the Best Quality Hospitality Experience Image result for laxmi organics logo Siemens Logo, symbol, meaning, history, PNG, brand Sun Pharma Logo Png , Free Transparent Clipart - ClipartKey Process Design and Engineering Solutions NOCIL Share Price Today - NOCIL Ltd Stock Price Live NSE/BSE AspenTech Events by Aspen Technology, Inc. Innovative Water Technologies – Just another WordPress site |  |

**1.1 INTRODUCTION**

|  |  |
| --- | --- |
| Year of Establishment | 1996 |
| UG Programmes | **01** |
| PG Programmes | **01** |
| Number of Teaching Staff | **12** |
| Number of Non-Teaching Staff | **06** |

**1.2 LABORATORIES IN THE DEPARTMENT**

|  |  |
| --- | --- |
| Name of Laboratory | |
| 1.Heat Transfer | 2. Fluid Mechanics |
| 3. Software | 4. Mechanical Operations |
| 5 Chemical Reaction Engineering | 6. Chemical Reaction Engineering |
| 1. Project | 8.Mass Transfer II |
| 9. Process Instrumentation & Control | 10. 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 |
| Dr M Y Naniwadekar | Head and Associate Professor |
| Dr A S Jadhav | Associate Professor |
| Dr P N Dange | **Assistant Professor** |
| Mrs H L Kamble | **Assistant Professor** |
| Mr P M Warke | **Assistant Professor** |
| Mr K B Gandhi | **Assistant Professor** |
| Dr S B Ghugare | **Assistant Professor** |
| Mrs K N Bavankar | **Assistant Professor** |
| Dr A V Mohod | **Assistant Professor** |
| Mr P S Tadkar | **Assistant Professor** |
| Mr M Baingane | **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 Despande | **Lab Assistant** |
| Mr G D Kate | **Lab Attendant** |
| Mr N D Ughade | **Lab Attendant** |
| Mr D S Rajiwade | **Lab Attendant** |

**1.6 STUDENTS’ ENROLLMENT -23-24**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 15 | 8 | 5 | 1 | 0 | 0 | 13 | 6 | 0 | 0 | 8 | 3 | 41 | 18 |
| UG (Chem) TE | 12 | 8 | 2 | 2 | 0 | 0 | 4 | 2 | 0 | 0 | 7 | 1 | 25 | 13 |
| UG (Chem) BE | 23 | 3 | 1 | 2 | 0 | 1 | 21 | 2 | 0 | 0 | 11 | 3 | 56 | 11 |
| ME(Chem) FY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| ME (Chem) SY | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| PG (Chem) | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |

**1.7STUDENTS–FACULTY FEEDBACK DETAILS**

**SE Chemical**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Term One | | | | |
| Sr. No. | **Name of faculty** | **Class and Subject taught** | **Feedback (I) (%)** | **Feedback (II) (%)** | **Average**  **Feedback (%)** |
| 1 | Mr. K B Kshirsagar | Engg. Maths. | **86** | **83** | **84.5** |
| 2 | Dr. P D Baviskar | Industrial Chemistry-I | **80** | **79** | **79.2** |
| 3 | Dr P N Dange | Fluid Mechanics | **79** | **77** | **78** |
| 4 | Mr. K B Gandhi | Eng. Material | **84** | **84** | **84** |
| 5 | Dr. A V Mohod | Process Calculation | **85** | **81** | **83** |

**SE Chemical**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Term Two | | | | |
| Sr. No. | Name of faculty | **Class and Subject taught** | **Feedback (I) (%)** | **Feedback (II) (%)** | **Average**  **Feedback (%)** |
| 1 | Dr P D Baviskar | Industrial Chemistry II | **79** | **82** | **80.5** |
| 2 | Prof P S Tadkar | Heat Transfer | **86** | **90** | **88** |
| 3 | Dr S B Ghugare | Principles of Design | **76** | **73** | **74.5** |
| 4 | Dr M Y Naniwadekar | Chemical Technology-I | **85** | **78** | **81.5** |
| 5 | Prof K N Bawankar | Mechanical Operations | **78** | **70** | **74** |

**TE Chemical**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Term One | | | | |
| Sr. No. | Name of faculty | **Class and Subject taught** | **Feedback (I) (%)** | **Feedback (II) (%)** | **Average**  **Feedback (%)** |
| 1 | Prof K N Bawankar | Mass Transfer-I | **79** | **84** | **81.5** |
| 2 | Dr M Y Naniwadekar | Chemical Technology-II | **84** | **88** | **86** |
| 3 | Prof H L Kamble | Chemical Engineering Maths | **87** | **88** | **87.5** |
| 4 | Dr M Baingane | Chemical Engineering Thermodynamics | **84** | **82** | **83** |
| 5 | Dr A S Jadhav | Chemical Industry Management (Elective-I) | **80** | **77** | **78.5** |
| 6 | Prof B Banerjee | Food Technology (Elective-I) | **90** | **90** | **90** |

**TE Chemical**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Term Two | | | | |
| Sr. No. | Name of faculty | **Class and Subject taught** | **Feedback (I) (%)** | **Feedback (II) (%)** | **Average**  **Feedback (%)** |
| 1 | Dr A V Mohod | Chemical Reaction Engineering I | **91** | **85** | **88** |
| 2 | Prof H L Kamble | Mass Transfer-II | **88** | **85** | **86.5** |
| 3 | Dr. M Baingne | Transport Phenomena | **87** | **87** | **87** |
| 4 | Prof K B Gandhi | Process Instru. & Control | **85** | **85** | **85** |

**BE Chemical**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Term One | | | | |
| Sr. No. | Name of faculty | **Class and Subject taught** | **Feedback (I) (%)** | **Feedback (II) (%)** | **Average**  **Feedback (%)** |
| 1 | Dr. S B Ghugare | Process Dynamics and Control | **85** | **88** | **86.5** |
| 2 | Prof P S Tadkar | Chemical Reaction Engineering II | **92** | **90** | **91** |
| 3 | Prof P M Warke | Chemical Engineering Design II | **89** | **88** | **88.5** |
| 4 | Ms. H L Kamble | Elective -I Environmental Engineering | **80** | **87** | **83.5** |
| 5 | Dr. P N Dange | Elective -I  Petroleum Refining | **95** | **94** | **94.5** |
| 6 | Dr. A S Jadhav | Elective II- Industrial Management & Entrepreneurship | **70** | **81** | **75.5** |
| 7 | Ms. B Banerjee | Elective II Chemical Process Synthesis | **99** | **95** | **97** |
|  |  |  |  |  |  |

**BE Chemical**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Term Two | | | | |
| Sr. No. | Name of faculty | **Class and Subject taught** | **Feedback (I) (%)** | **Feedback (II) (%)** | **Average**  **Feedback (%)** |
| 1 | Dr P N Dange | Process Modelling & Simulation | **100** | **92** | **96** |
| 2 | Prof P M Warke | Process Engineering Costing & Plant Design | **100** | **89** | **94.5** |
| 3 | Dr A S Jadhav | Advanced Material | **100** | **82** | **91** |
| 4 | Prof P M Warke | Chemical Process Safety | **100** | **89** | **89.5** |
| 5 | Prof B Banerjee | Petrochemical Engineering | **93** | **93** | **93** |
| 6 | Prof K B Gandhi | Nanotechnology | **100** | **85** | **92.5** |

**RESULT ANALYSIS ( Subjectwise ) Class: SE Chemical**

University Examination: **NOV. 2023 TERM ONE Result Date :- 17 /02/ 2024**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr No** | **Subject** | **Number of Students** | | | **Highest Marks** | **%Passing** | **Name of the Faculty** |
| **Appeared** | **Passed** | **Securing >=60** |
| 1 | Engg. Maths. | 57 | 31 | 9 | 89 | 54.39 | Mr. K B Kshirsagar |
| 2 | Industrial Chemistry-I | 57 | 33 | 4 | 73 | 57.89 | Dr. P D Baviskar |
| 3 | Fluid Mechanics | 57 | 41 | 16 | 88 | 71.93 | Dr P N Dange |
| 4 | Eng. Material | 57 | 51 | 24 | 79 | 89.47 | Mr. K B Gandhi |
| 5 | Process Calculation | 57 | 44 | 17 | 91 | 77.19 | Dr. A V Mohod |

University Examination: **MAY 2024** **TERM TWO** **Result Date:-05/07/2024**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sr No | Subject | Number of Students | | | Highest Marks | %Passing | Name of the Faculty |
|  |  | Appeared | Passed | Securing >=60 |  |  |  |
| 1 | Industrial Chemistry II | 59 | 37 | 16 | 83 | 62.71 | Dr P D Baviskar |
| 2 | Heat Transfer | 59 | 47 | 34 | 91 | 79.66 | Prof P S Tadkar |
| 3 | Principles of Design | 59 | 45 | 20 | 81 | 76.27 | Dr S B Ghugare |
| 4 | Chemical Technology-I | 59 | 43 | 23 | 85 | 72.88 | Dr M Y Naniwadekar |
| 5 | Mechanical Operations | 59 | 49 | 32 | 91 | 83.05 | Prof K N Bawankar |

**RESULT ANALYSIS ( Subjectwise ) Class: TE Chemical**

**University Examination: Nov**.**2023** **TERM ONE** **Result Date:-16 Jan 2024**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sr No | Subject | Number of Students | | | Highest Marks | %Passing | Name of the Faculty |
|  |  | Appeared | Passed | Securing >=60 |  |  |  |
| 1 | Mass Transfer-I | 35 | 23 | 6 | 76 | 65.71 | Prof K N Bawankar |
| 2 | Chemical Technology-II | 35 | 32 | 21 | 85 | 91.45 | Dr M Y Naniwadekar |
| 3 | Chemical Engineering Maths | 35 | 27 | 8 | 74 | 77.14 | Prof H L Kamble |
| 4 | Chemical Engineering Thermodynamics | 35 | 26 | 6 | 69 | 74.28 | Dr M Baingane |
| 5 | Chemical Industry Management (Elective-I) | 18 | 17 | 15 | 77 | 100 | Dr A S Jadhav |
| 5 | Food Technology (Elective-I) | 17 | 18 | 13 | 81 | 100 | Prof B Banerjee |

**University Examination: MAY-2024 TERM TWO Result Date :- 23/06//2024**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sr No | Subject | Number of Students | | | Highest Marks | %Passing | Name of the Faculty |
|  |  | Appeared | Passed | Securing >=60 |  |  |  |
| 1 | Chemical Reaction Engineering I | 38 | 31 | 16 | 80 | 81.58 | Dr A V Mohod |
| 2 | Mass Transfer-II | 38 | 26 | 5 | 69 | 68.42 | Prof H L Kamble |
| 3 | Transport Phenomena | 38 | 31 | 20 | 87 | 81.58 | Dr. M Baingne |
| 4 | Process Instru. & Control | 38 | 37 | 23 | 82 | 97.37 | Prof K B Gandhi |
| 5 | Internship | 38 | 38 | 38 | 94 | 100 | Prof K B Gandhi |

**RESULT ANALYSIS ( Subjectwise ) Class: BE Chemical**

University Examination: **OCT/NOV 2023** **TERM ONE** **Result Date :- 13/01/ 2024**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sr No | Subject | Number of Students | | | Highest Marks | %Passing | Name of the Faculty |
|  |  | Appeared | Passed | Securing >=60 |  |  |  |
| 1 | Process Dynamics and Control | 65 | 60 | 22 | 89 | 92.31 | Dr. S B Ghugare |
| 2 | Chemical Reaction Engineering II | 65 | 61 | 35 | 90 | 93.85 | Prof P S Tadkar |
| 3 | Chemical Engineering Design II | 65 | 60 | 29 | 93 | 92.31 | Prof P M Warke |
| 4 | Elective -I Environmental Engineering | 32 | 32 | 12 | 73 | 100 | Ms. H L Kamble |
| 5 | Elective -I  Petroleum Refining | 33 | 33 | 26 | 93 | 100 | Dr. P N Dange |
| 6 | Elective II- Industrial Management & Entrepreneurship | 34 | 32 | 24 | 78 | 94.12 | Dr. A S Jadhav |
| 9 | Elective II Chemical Process Synthesis | 31 | 31 | 23 | 88 | 100 | Ms. B Banerjee |
| 9 | CACHE-II | 65 | 65 | 64 | 47 | 100 | Dr P N Dange |
| 10 | Project Phase I | 65 | 65 | 65 | 45 | 100 | All Eligible Guides |

University Examination: **MAY 2024** **TERM TWO** **Result Date : 21 /06/ 2024**

| Sr No | Subject | Number of Students | | | Highest Marks | %Passing | Name of the Faculty |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Appeared | Passed | Securing >=60 |  |  |  |
| 1 | Process Modelling & Simulation | 67 | 61 | 30 | 95 | 91.04 | Dr P N Dange |
| 2 | Process Engineering Costing & Plant Design | 67 | 64 | 42 | 94 | 95.52 | Prof P M Warke |
| 3 | Advanced Material | 34 | 33 | 23 | 88 | 97.05 | Dr A S Jadhav |
| 4 | Chemical Process Safety | 33 | 33 | 27 | 82 | 100 | Prof P M Warke |
| 5 | Petrochemical Engineering | 34 | 34 | 29 | 82 | 100 | Prof B Banerjee |
| 5 | Nanotechnology | 33 | 31 | 16 | 88 | 93.93 | Prof K B Gandhi |
| 5 | Project Phase IITW | 67 | 67 | 67 | 90 | 100 | All Eligible Guides |
| 6 | Project Phase II OR | 67 | 67 | 67 | 45 | 100 | All Eligible Guides |

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

**Result Analysis SE Chemical**

**University Examination: NOV. 2023**  **Result Date:- 17 /01/ 2024**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TERM ONE** | | | | | | | | | | | | | | | | |
| **SN** | **Class** |  | **No. of Students - 57** | | | | | | | | | | | **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 /**  **(4.1 – 5 )** | **Pass Class**  **4** | **ATKT**  **(F)**  **0 – 3.99** | **All Clear** | | **With ATKT** |
| **1** | **SE** | **57** | | **26** | **2** | **8** | **6** | **9** | **1** | **Nil** | **Nil** | **31** | **45.61** | | **100** |

* *FE/SE/TE/ BE (First Term) results based on SGPA and BE (Second Term) based on CGPA*

**University Examination: MAY 2024** **Result Date:-05/07/2024**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TERM TWO** | | | | | | | | | | | | | | | | |
| **SN** | **Class** |  |  | | **No. of Students–59 [ 14 Students Result are reserved for Backlog]** | | | | | | | | | | **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 /**  **(4.1 – 5 )** | **Pass Class**  **4** | **ATKT**  **(F)**  **0 – 3.99** | **FAIL**  **(F)** | **All Clear** | **With ATKT** |
| **1** | **SE** | **59** | | **26** | | **4** | **8** | **11** | **3** | **Nil** | **Nil** | **Nil** | **14** | **5** | **44.07** | **67.8** |
|  |  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |

* *FE/SE/TE/ BE (First Term) results based on SGPA and BE (Second Term) based on CGPA*

**Result Analysis TE Chemical**

**University Examination: Nov. 2023** **TERM ONE** Re**sult Date:-16 /01/ 2024**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TERM ONE** | | | | | | | | | | | | | | | |
| SN | Class |  | No. of Students–67 *( Two Students Result are Reserved for Eligibility)* | | | | | | | | | | 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 /  (4.1 – 5 ) | Pass Class  4 | ATKT  (F)  0 – 3.99 | All Clear | With ATKT |
| 1 | TE | 35 | | 20 | 1 | 6 | 11 | 2 | 0 | 0 | 0 | 15 | 57.14 | 100 |

* *FE/SE/TE/ BE (First Term) results based on SGPA and BE (Second Term) based on CGPA*

**University Examination: MAY 2024** **TERM TWO** R**esult Date:- 23/6/2024**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **TERM TWO** | | | | | | | | | |  | |
| **SN** | **Class** |  | **No. of Students–38 [ 07 Students Result are reserved for Backlog]** | | | | | | | | | | **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 /**  **(4.1 – 5 )** | **Pass Class**  **4** | **ATKT**  **(F)**  **0 – 3.99** | **All Clear** | **With ATKT** |
| **1** | **TE** | **38** | | **22** | **1** | **11** | **10** | **NIL** | **NIL** | **NIL** | **NIL** | **09** | **57.89** | **81.58** |

* *FE/SE/TE/ BE (First Term) results based on SGPA and BE (Second Term) based on CGPA*

**Result Analysis BE Chemical**

**University Examination: OCT/NOV 2023** **Result Date:-13 /01/ 2024**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TERM ONE** | | | | | | | | | | | | | | | |
| **SN** | **Class** |  | **No. of Students–65** | | | | | | | | | | **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 /**  **(4.1 – 5 )** | **Pass Class**  **4** | **ATKT**  **(F)**  **0 – 3.99** | **All Clear** | **With ATKT** |
| **1** | **BE** | **65** | | **56** | **9** | **17** | **20** | **10** | **Nil** | **Nil** | **Nil** | **9** | **86.15** | **100** |

* *FE/SE/TE/ BE (First Term) results based on SGPA and BE (Second Term) based on CGPA*

**University Examination: MAY 2024** **Result Date:- 21/06/ 2024**

| **TERM TWO** | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SN** | **Class** |  | **No. of Students–67 (06 Students results are reserved for Backlogs) (RRB)** | | | | | | | | | | **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 /**  **(4.1 – 5 )** | **Pass Class**  **4** | **ATKT**  **(F)**  **0 – 3.99** | **All Clear** | **With ATKT** |
| **1** | **BE** | **67** | | **54** | **4** | **22** | **24** | **4** | **Nil** | **Nil** | **Nil** | **07** | **80.59** | **NA** |

* *FE/SE/TE/ BE (First Term) results based on SGPA and BE (Second Term) based on CGPA*

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

Academic Year 2023-24

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Sr.**  **No.** | **Exam Year**  **& Month** | **Year & Branch** | **Name of The Student** | **Rank** | | 1 | May- 2023 | BE Chemical | Pordeshi Sumer Rojesh | 2nd | | 2 | Choudhori Suyog Dinesh | 3rd | | 3 | Deshmukh Ferdin Dinesh | 6th |  | | 4 | Yodov Sonskor Dhormendro | 7th | | 5 | Desodlo Dorshon Rojesh | 9th | | 6 | Soyyod Amon Guiab | 9th | | 7 | Porob Mihir Girish | 9th | |

|  |  |
| --- | --- |
| (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 | |
|  | |
| **Group photo - Final Year 2023-2024** | |
| **MECHANICAL OPERATION LABORATORY** | **PROCESS DYNAMICS AND CONTROL** |
|  |  |
| **Equipment**   1. Blake Jaw Crusher 2. Ball Mill 3. Sigma Mixer 4. Sieve Shaker 5. Vibrating Screen 6. Bhrustone Mill 7. Conveyors 8. Gyratory Sieve Shaker | **Equipment**   1. PID Controller, 2. I/P Converter, 3. Two tank interacting & non interacting 4. Temp loop control trainer 5. Level loop control trainer 6. Pressure Transmitter 7. On-Off Controller 8. Flow loop control trainer |
| **PROJECT LABORATORY**    Equipment   1. Chemito UV/Vis Spectrophotometer 2. Autoclavable Bioreactor Setup 3. Water Bath with Heater and Stirrer 3. Simple Distillation Unit 4. Digital COD digester 5. High Speed Centrifuge 7. Air Compressor 6. IR Oven 7. Ultrasonic Bath 10. Microwave Oven 8. Heating Mantles 9. Temperature Controlled Bath Circulator 10. Digital COD digester with accessories 11. Iodine Value Mete 12. Autoclave | **CENTRAL RESERCH LABORATORY**    **Equipment**   1. Environmental Discovery   System (EDS) 2. Biodiesel Manufacturing Prototype Model 3. Hydrodynamic cavitation 4. Air-marble cavitation column |
| **PG Chemical Laboratory:**    **Equipment**   1. Microwave Oven LG 2. Centrifuge 3. Vinyl Anaerobic Chamber 4. Ultrasonic Cleaner 5. Multistation Heating Mantles 6. Digital Weighing Balance 7. UV Chamber 8. Microwave Synthesizer |

**FACULTY CONTRIBUTION**

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

|  |  |  |
| --- | --- | --- |
| **Term One** | | |
| **SN** | **Name of Faculty** | **Awards & Recognitions** |
| 1 | Dr M Y Naniwadekar | BOS Member Chemical SPPU |
| 2 | P M Warke | Examiner and Paper Setter for subjects in B.Tech. & M. Tech. Chemical at BVDU BVCOE, Pune |
| 3 | P S Tadkar | Chairman, Examiner and Paper Setter in Chemical Engineering SPPU Pune |

|  |  |  |
| --- | --- | --- |
| Term Two | | |
| SN | **Name of Faculty** | **Awards & Recognition** |
| 1 | **Dr A S Jadhav** | शिवाजी विद्यापीठ महाविद्यालयीन नियतकलिक स्पर्धेसाठी तज्ज्ञ परीक्षक म्हणून नियुक्ती |
| 1 | Dr M Y Naniwadekar | Elected BOS Member Chemical SPPU |
| 3 | Dr M Y Naniwadekar | Elected Member -IEI PLC Pune Local Chapter |
| 4 | Mr PM Warke | Coordinator BIS Club AISSMS COE |

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

|  |  |  |
| --- | --- | --- |
| **Term One** | | |
| **SN** | **Name of Faculty** | **Nature and details of contribution (Representation at University, State, National , International level, corporate world, Social Platforms, etc)** |
| 1 | Dr A S Jadhav | Expert Examiner for Shivaji University College Magazine Competition |
| 2 | Prof P M Warke | Indian Biodiesel Corporation (IBC), Baramati, Dist Pune |

|  |  |  |
| --- | --- | --- |
| **Term Two** | | |
| **SN** | **Name of Faculty** | **Nature and details of contribution (Representation at University, State, National , International level, corporate world, Social Platforms, etc)** |
|  | Dr P N Dange | PhD Guide, Research Centre, AISSMS COE, Pune |
|  | Dr A V Mohod | Reviewer of Separation and Purification Technology Elsevier Journal |
|  |  |  |

**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 S B Ghugare | Principles of Design | Google Classrrom | <https://youtu.be/4VCB4EoART> |
| 2 | Prof K B Gandhi | Engg Materials. | Google Classrrom | <https://youtu.be/4VCB4EoART> |
| 3 | Dr P N Dange | Fluid  Mechanics (T) | Microsoft Teams | FM-Fluid Mechanics -  Google Drive |
| 4 | Dr M Y Naniwadekar | CT- II | Google Drive | <https://drive.google.com/drive/folders/>  17KWmmMxxcvCvvpb5bAcASug-IZPCNxHs |
| 5 | P N Dange | PPTs, VDOs  for CACHE-II  (P) | **Microsoft Teams** | CACHE II – Google Drive |
| 6 | H L Kamble | Chemical Engineering Mathematics | **Google Drive** | https://drive.google.com/drive/folders/1Fp4 |
| 7 | 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 |
| 8 | K B Gandhi | Brinell  hardness  number | **You Tube** | [**https://youtu.be/nfRZorp40pM**](https://youtu.be/nfRZorp40pM) |
| 9 | K B Gandhi | Atomic weight  to Molecular  weight | **You Tube** | [**https://youtu.be/4VCB4EoARTo**](https://youtu.be/4VCB4EoARTo) |
| 10 | Dr. S B Ghugare | PDC Google Classroom | Google Class Room | https://classroom.google.com/c/M  zE5MjA5MjMwOTky?cjc=kzxgi45 |
| 11 | K N Bawankar | Mass Transfer-I | Google Drive | [**https://drive.google.com/drive**](https://drive.google.com/drive)  **/u/0/folders/1zsrQybrD**  **\_j\_n33wOyfy6UwtrEGqoSS87** |
|  | P S Tadkar | FM | Google Classroom | <https://classroom.google.com/c>  /NDk3OTAyNjI4MzY1 |
|  | Dr. M. Baingne | Process Calculations | Google Drive | [**https://drive.google.com/drive/u/0/folders/**](https://drive.google.com/drive/u/0/folders/)  **1trHklXuV1XkwqsDgFMeF66ufFoA0TxLc** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Term Two | | | | |
| Sr No. | **Name of Faculty** | **Title of e-content** | **e-content development facility/platform** | **link of the content** |
| 1 | Miss H L Kamble | Process Dynamics & Control | Google Classrrom | <https://classroom.google.com/c/MzE5MjA5MjMwOTky?cjc=kzxgi45> |
| 2 | Prof M Y Naniwadekar | Petroleum Refining | Google Classrrom | <https://classroom.google.com/c/>  MzE5MjA5MjMxMTAz?cjc=qx3n4n6 |
| 5 | P N Dange | PPTs, VDOs  for PMS (P) | Microsoft Teams | PMS Theory and  Practicals - Google  Drive |
| 6 | 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) |
| 7 | Dr. S B Ghugare | POD Google Classroom | Google Class Room | https://classroom.google.com/c/N  DY5NTMzOTkyNzA4 |
| 8 | Dr. S B Ghugare | APC e-Contents | Google Drive | https://drive.google.com/drive/fo  lders/12KtioLSZnDylEOJc1cFQ  bky0yg96dHtv?usp=sharing |
| 9 | K N Bawankar | Mechanical Operations | Google Drive | <https://drive.google.com/drive>  /u/0/folders/1nMxiZDOVfO  Q8TkExGl8THAMPuQ\_x6fS1 |
| 10 | P S Tadkar | Heat Transfer | Google Class Room | <https://classroom.google.com/c>  /NDk3OTAyNjI4MzY1 |
| 11 | 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 -**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **S N** | **Name of Faculty** | **Title of the FDP/STTP** | **Organized by** | **Duration/ Dates** |
| 01 | De M Y Naniwadekar | Soft Computing techniques and its application in waste resources Engg | Department of Civil Engg. MVPS,KBT, Nashik | 5-9th June 2023 |
| 02 | Prof K B Gandhi | Industrial Waste water Management | Haldia Institute of Technology | 28-01.09.2023 |
| 03 | Prof K N Bava | Industrial Waste water Management | Haldia Institute of Technology | 28-01.09.2023 |
| 04 | Dr M Baigne | Research from Publication | Adhiyaman Arts and ANScience College | 04.-11.09 2023 |
| 05 | Dr M Y Naniwadwkar | Energy snd Sustainability Management | Civil Enng.,Dr D Y Patil COE | 21-25.08.2023 |
| 06 | Dr P N Dange | Energy snd Sustainability Management | Civil Enng., Dr D Y Patil COE | 21-25.08.2023 |
| 07 | Prof P S Tadkar | Green Energy Technology and its Significance | BVCOE, Navi Mumbai | 24-28 .07.2023 |
| 07 | Dr S B Ghugare | Recent Adavance in Mechanical Engg | DPU Pune | 24-28 .07.2023 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **S N** | **Name of Faculty** | **Title of the FDP/STTP** | **Organized by** | **Duration/ Dates** |
| 1 | K B Gandhi | Green Horizon :Advancement in Environmental Engg | Sinhagad COE Pune | 1.04.2024-05.04.2024 |
| 2 | A V Mohod | Green Horizon :Advancement in Environmental Engg | Sinhagad COE Pune | 1.04.2024-05.04.2024 |
| 3 | M Y Naniwadekar | Green Horizon :Advancement in Environmental Engg | Sinhagad COE Pune | 1.04.2024-05.04.2024 |
| 4 | P S Tadkar | Bio Analytics | SJC Institute of Technology Hydrabad | 05.02.2024-09.05.2024 |
| 5 | P S Tadkar | Sustainable approaches for mitigation of Environmental Pollution | NIT Srinagar | 29.01.2024-02.02.2024 |
| 6 | P S Tadkar | Soft Skills for Success | IUCEE | 3 Webinars |
| 7 | S B Ghugare | Innovations in Simulation Techniques for Robotics and Mechanical Systems | DPU Pimpri | 22-27.01.2024 |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **S N** | **Name of Faculty** | **Title of the Seminar/Webinar** | **Organized By** | **Duration/ Dates** |
| 1 | Prof P M Warke | Webinar by Ms. Pooja Malpani, Sr. Engineer at Worley India Pvt. Ltd., Mumbai on Indian Standard of Centrifugal Pump on 31st October 2023 | Standards Club, AISSMS COE, Pune | One day |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **S N** | **Name of Faculty** | **Title of the Seminar/Webinar** | **Organized By** | **Duration/ Dates** |
| 1 | Prof P M Warke | Seminar by Ms. Nandini Yadav, Manager at Sepadu Tech, Pune on 9th February 2024 | Standards Club, AISSMS COE, Pune | One Day |
| 2 | Prof P M Warke | Seminar by Mr. Sutosh Devershi, Founder & Director, Urja Tatva  Innovations LLP, Mumbai  organized by Standards Club, AISSMS COE, Pune on 20th February 2024 | Standards Club, AISSMS COE, Pune | One Day |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **S N** | **Name of Faculty** | **Title of the Conference / Symposium** | **Organized By** | **Duration/ Dates** |
| **1** | **Prof P M Warke** | One-day Conference & Technical Paper presentation at Hinjawadi, Pune on 14/10/2023 | Mentor of Standards club, HOD Chemical Engineering and student members | **One Day** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **S N** | **Name of Faculty** | **Title of the Conference / Symposium** | **Organized By** | **Duration/ Dates** |
| 1 | Prof M B Biagne | Engineering Today 2024 (Symposium) | AISSMS COE | 14 .09.2024  06.09.2024  4days |
|  |  |  |  |  |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **S N** | **Name of Faculty** | **Title of the Course** | **Conducted By** | **Duration/ Dates** |
| 1 | P S Tadkar | Teaching and Learning in Engg | NPTEL-AICTE | Jan –Feb 2024  (4 Weeks) |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **S N** | **Name of Faculty** | **Title of the Course** | **Conducted By** | **Duration/ Dates** |
| 1 | P S Tadkar | Teaching and Learning in Engg | NPTEL | Jan –Feb 2024  (4 Weeks) |
| 2 | P S Tadkar | Python for Data Science | NPTEL | Jan –Feb 2024  (4 Weeks) |
| 3 | S B Ghigare | Materials Data Science and Informatics | MOOC-Coursera | Feb 6 2024 |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Name of Speaker** | **Name of Industry** | **Date of**  **Lecture** | **Topic** | **Number of beneficiaries** |
|
| 1 | Adv. Jaymala Naik | Freelancer at  Kirloskar Group,  Pune | 29-08-2023 | IPR-Story of Seven  Sisters | 60 |
| 2 | Karuna Leo | Certified  International Trainer  & Coach | 07-10-2023 | Empowering  Engineers:  Navigating Life  After College with  Confidence | 70 |
| 3. | Dr. Madhulika  Sahoo | Social and Cultural  Anthropologist,  Kalahandi  University, Odisha | 16-10-2023 | Technology can  Gender Us! | 55 |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **S N** | **Name of Faculty** | **Title of Activity** | **Organizing body** | **Date** |
| 01 | Dr M Y Naniwadekar | Expert at BOS –Chemical 48(3) committee | SSPU Pune | September 2023 |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **S N** | **Name of Faculty** | **Title of Activity** | **Organizing body** | **Date** |
| 01 | Dr A S Jadhav | Expert Examiner for Shivaji University College Magazine Competition | Shivaji University | 25 Feb 2024 |
| 02 | Dr M Y Naniwadekar | Expert at BOS –Chemical 48(3) committee | SPPU Pune | Feb 2024 |

|  |  |
| --- | --- |
| 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 |  |
|  |  |
| Industrial Visit C MET Pune | ET 2024 |
| **C:\Users\Admin\Downloads\Felicitation of Chief Guest (Judge).jpg** | **C:\Users\Admin\Downloads\Felicitation of a Judge from Industry on 181023.jpg** |
| Felicitation of Mr. Aman Singh, Chief Guest by Dr. D S Bormane, Principal, AISSMS COE, Pune | Felicitation of Mr. Sandeep Yeole, Director, Aqua Blue Sales & Service an effluent treatment consultancy by Dr .M Y Naniwadekar,HOD, Chemical Engineering |
| C:\Users\Admin\Downloads\Untitled.jpg |  |

**ACTIVITIES ORGANIZED**

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | |
| **S N** | **Name of faculty coordinator** | **Title of the FDP/STTP/WS/Seminar/Symposium** | **Duration/ Dates** | **No. of Participants** | **Funding Agency**  **(If any) and Amount (Rs.)** |
| 1 | Dr M B Baingne | ET 2023 | 3 Days | 55 | Sponsorship worth Rs 10000 |
|  |  |  |  |  |  |

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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | |
| **S N** | **Name of Coordinator/s** | **Title of the Seminar/Webinar** | **Duration/ Dates** | **No. of Participants** | **Funding Agency**  **(If any) and Amount (Rs.)** |
| **1** | **P M Warke** | How to prepare Standard of a Centrifugal pump | **One Hour** | **50** | **BIS Pune** |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 M Warke | Opportunities in Oil & Gas Industry for Chemical Engineers | One hour | 30 | BIS Pune |
| 2 | P M Waarke | How to apply Standard for Good Manufacturing Practices | One Hour | 35 | BIS Pune |
|  |  |  |  |  |  |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | |
| **S N** | **Name of Coordinator/s** | **Title of the Conference / Symposium** | **Duration/ Dates** | **No. of Participants** | **Funding Agency**  **(If any) and Amount (Rs.)** |
| 1 | Dr M Baingne | ET-Chemical 2023 | Two days | 50 | AISSMS COE |

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **S N** | **Name of Faculty Coordinator** | **Details of activity conducted** | **Date** | **Number of beneficiaries** |
| 1 | Mr P M Warke | Competition ‘PRESENTATION ON  STANDARDS’  Topic: 1-2 SHELL AND TUBE PASS HEAT EXCHANGER | 18.10. 2023 | 35 Funded by BIS Rs 45000 |
| 2 | Mrs H L K amble | Tree Plantation Drive 2023-2024 | 29.10.2023 | 50 |

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term One** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Name of Organisation** | **Date**  **of MoU Signed** | **Valid upto**  **00/00/0000** |
| **1** | **Prof P M Warke** | Super Aqua Services, Pune | 14-8-23 |  |
| **2** | **Prof P M Warke** | Celestial Institute of Technology, Pune | 8-6-2023 |  |

**-**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Total Functional / Live MoU initiated by Department** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Name of Organisation** | **Date**  **of MoU Signed** | **Valid upto**  **00/00/0000** |
| **1** | **Prof P M Warke** | Super Aqua Services, Pune | 14-8-23 | **14-8-33** |

**3.6 STUDENTS’ CHAPTERS /CLUBS**

|  |  |  |
| --- | --- | --- |
| Sr. No | Name of Students’ Chapter | Number of Student Members |
| 01 | IEI Students Chapter Chemical Engg | 35 |
| 02 | IIChE Students Chapter Chemical Engg | 49 |
| 03 | AIChE Students Chapter Chemical Engg | 15 |

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

|  |  |  |  |
| --- | --- | --- | --- |
| Term One | | | |
| Faculty coordinator | **Name of Activity** | **Date, Duration** | **Number of students involved** |
| Mrs K N Bavankar  IIChE Students’ Chapter, Coordinator | “Empowering Engineers: Navigating Life After College with Confidence” | October 7, 2023  Two hours | 50 |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Term Two** | | | |
| **Faculty coordinator** | **Name of Activity** | **Date, Duration** | **Number of students involved** |
| **Prof K N Bavankar**  IIChE Students’ Chapter, Coordinator | Celebrating life by leading a healthy lifestyle’ | February 10, 2023  Two hours | **50** |
|  |  |  |  |

**3.8 PARENT MEETING**

|  |  |  |  |
| --- | --- | --- | --- |
| Faculty Coordinator | Day and Date | Details of Parent meetings organized | Number of Parents attended |
|  |  |  |  |
| Prof K N Bavankar | 04.05.2024 | Parents’ meet began as scheduled on May 4, 2024 at 10:00 am via google meet (https://meet.google.com/wok-ntrk-vio). | **11** |

**3.9 ALUMNI MEET**

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

**3.10 SUPPORT FROM ALUMNI**

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 |
| P M Warke | **Soft Skill** |
|  |  |

|  |  |
| --- | --- |
| (Start on new page) Few good photographs related to different activities organized | |
| Size of photo 5 cm x 7 cm with captions |  |
|  | **C:\Users\Admin\Downloads\Welcome of Guests 18-10-2022.jpg** |
| Inauguration by Chief Guest Mr. Aman Singh, Assistant Director and Scientist-B, BIS, Pune branch | **Ms. Vaibhavi Gosavi & Ms. Shruti Panchalwar, Anchors Welcoming the Guests** |
|  |  |

**RESEARCH CONTRIBUTION**

**4.1 FUNDED RESEARCH PROJECT -NIL**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 NIL**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 NIL**

|  |  |  |  |
| --- | --- | --- | --- |
| **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)** |
| **01** | **Dr M Y Naniwadekar** | **Smart Plastic Waste Management Device** | **6306753** | **International** |
|  |  |  |  |  |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TOTAL PATENTS DETAILS OF THE DEPARTMENT** | | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Title of patent** | **Status** | | |
|  |  |  | **Date of Filing** | **Date of Publication / Grant** | **National / International** |
| **01** | **Dr M Y Naniwadekar** | **Smart Plastic Waste Management Device** | **01.03.2023** | **09.03.2023** | **International** |
|  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TOTAL COPYRIGHT DETAILS OF THE DEPARTMENT** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Title of copyright** | **Status** | |
|  |  |  | **Date of Filing** | **Date of Publication / Grant** |
|  |  |  |  |  |
|  |  |  |  |  |

**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** |
| 01 | AS Jadhav,  R Nalawade | , Tests for Evaluating the Efficacy of Phosphoric Acid Activated Charcoals from Two Biomasses, | Jan 2024 | Nature Environment and Pollution Technology | 2395-3454 (Online). | Technoscience Publication |
| 02 | Kenekar, V. V., Ghugare, S. B., & Patil-Shinde | Multi-objective optimization of high-shear wet granulation process for better granule properties and fluidized bed drying characteristic | April 2023 | Powder Technology, 420, 118373. | 0032-5910 | Elsevier |
| 03 | AV Mohod | Degradation of azo dye hydrodynamic  Cavitation and external oxidants | August 2023 | Environmental Quality Management | 1520-6483 | John Wiley |
| 04 | A S Jadhav  R D Nalawade | Modification in Strenght Paramenter (CBR) of Subgrade soil with addition of Flyash | June 2023 | ALOCHANA | 2231-6329 | * [Macbeth publication](https://macbethpublications.com/brand/macbeth-publication/) |
| 05 | A S Jadhav  R D Nalawade | Study of Influence of Carbonized Temperature on Surface morphology of Grape Stalk | June 2023 | ALOCHANA | 2231-6329 | * [Macbeth publication](https://macbethpublications.com/brand/macbeth-publication/) |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term Two** | | | | | | |
| **S. No** | **Authors** | **Document Details** | **Year** | **Source Details** | **ISBN/**  **ISSN** | **Publisher** |
| 01 | HB Chaitanya S Kulkarni, Makarand Y Naniwadekar, Yuldasheva M Mirzaxmatovna | Enhanced Ubiquitous system architecture for securing healthcare IoT using efficient authentication and encryption | March 2024 | International Journal of avitation and Data Science and Analytics, (2024) 11 | 2319-7064 | Springer |
| 2 | SJ Manoj Mandake, Santosh Walke, Makarand Naniwadekar, Ganesh Patil, | Experimental Investigations of the Removal of Methylene Blue from Waste Water using Agricultural Adsorbant, International |  | Journal of Membrane Science and Technology 10 (1), 1-7 | 2410-1869 | Cosmos Scholar Publication House |
| 3 | Pankaj Baviskar, Deepak Nighot, Vrashali Kalyani, Archana Dhumure | Curcumin-Loaded Phenethyl Isothiocyanate Nano-Spheres:  Preparation, Stability Study, and Its Implication for  Cataract Prevention | July 2023 | IJTE Journal of Technical Education | 0971-3034 | ISTE |

**4.6 BOOK / ARTICLE PUBLICATIONS**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **Author** | **Title of the Book** | **Published by** | **ISBN** | **Year** |
| Dr P D Baviskar | Biotechnology | YCS Maharashtra | |  | | --- | | 978-81-977110-6-0 | | 2023 |
|  |  |  |  |  |

**4.7 RESEARCH CITATIONS (Source of Data: Google scholar) (As on 30th May)**

|  |  |  |  |
| --- | --- | --- | --- |
| Name of faculty | Citations, h-index, i10 index | Name of faculty | Citations, h-index, i10 index |
|  |  |  |  |
| Dr A S Jadhav | **15** |  |  |
| Dr MY Naniwadekar | **80** |  |  |
| Dr S B Ghugare | **100** |  |  |

**Total Citations of Department:**

**4.8 ME AWARDED**

|  |  |  |  |
| --- | --- | --- | --- |
| Sr No | Name of Supervisor | Title of Thesis | Name of Candidate |
| 01 | Dr M Y Naniwadekar | Epoxidation of Jatropa Oil | Ms Twinkle Zade |
| 02 | Dr S B Gughare | Claasification of Regional COALS Using Unsupervised Cluterig Methods | Rehan Sheikh |
|  |  | Claasification of Regional COALS Using Unsupervised Cluterig Methods | Mohammed Raihan |
| 03 | Dr S B Gughare | Computational Study of Dynamics of Droplets | Suraj Divekar |

**4.9 Ph.D. GUIDE DETAILS -**

|  |  |
| --- | --- |
| Name of Faculty who are PhD Supervisor | Number of Scholars Registered |
|  |  |
| Dr P N Dange | **02** |
|  |  |

**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 |  |
|  | C:\Users\Admin\Downloads\Photo 2 Industry Stall at MAHATECH 2024.jpg |
| **Patent -2023** | **Industrial Visit at MAHATECH 2024** |
| C:\Users\Admin\Downloads\Photo 2  Water Expo 2024 10.02.24.jpg | https://aissmscoe.com/wp-content/uploads/2022/08/6-1.jpg |
| **Industrial Visit at WATER expo 2024** | **Industrial Visit to Clean Science and Technology Ltd. Kurkumbh** |

**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 | Dr P D Baviskar | SE Chemical | Centre for Moteri ls for Electronics Techn logy (C-MET), Pashan, Pune-8 | 03/11/2023 |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **Sr. No.** | **Faculty Coordinator** | **Class and Number of students attended** | **Industry Name and Address** | **Date of visit** |
| 1 | Mr .P S Tadkor | SE Chemical | Mapro Foods Pvt Ltd.woi-Surur Rood,Sherdurjone,Wai. r.tohorashtro 415536 | 09/02/2024 |
| 2 | Ms K N  Bawankar | SE Chemical | Shri Sant Tukorom Sohakori Sokhor Korkhano Ltd..Kosarsoi-Do umbre,PO.Kosorso ,Teh.Mulshi,Pune | 23/02/2024 |
| 3 | Dr S B Ghugare | SE Chemical | Naidu Sewge Treatment Plant (STP),Songorrwodi. Pune-1 | 23/04/2024 |
| 4 | Dr A V Mohod | SE Chemical | Water ·Treotrnent Pl01t (wTP),PCMC,Sector 23,Nigdi, Prodhl<aron,Pimpri-Chinchwacl, Pune-18 | 30/04/2024 |
| 5 | Prof P M Warke | Be Chemical | Industrial Visit to an Industrial Exhibition **'Water Expo'- 2024**at Pune | 10.02.2024 |

**5.2 EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS**

**Expert Lectures Organized: AY 2023-2024 (Term -I) TERM ONE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Name of Speaker** | **Name of Company** | **Date of lecture** | **Topic** |
| 1 | Mr. Anup Jangid | Manufacturing investigation Engineer at Pharma company | 23-07-2023 | Functioning of ANFD in downstream processes of chemical industries |
| 2 | Adv. Jaymala Naik | Freelancer at Kirloskar Group, Pune | 29-08-2023 | IPR-Story of Seven Sisters |
| 3 | Karuna Leo | Certified International Trainer & Coach | 07-10-2023 | Empowering Engineers: Navigating Life After College with Confidence |
| 4. | Dr. Madhulika Sahoo | Social and Cultural Anthropologist, Kalahandi University, Odisha | 16-10-2023 | Technology can Gender Us! |
| 5. | Mrs. Pooja Malpani | Sr. Engineer, Worley India, Pvt. Ltd., Mumbai | 31-10-2023 | Pump Hydraulics |
| 6. | Dr. Swapnil Bargole | Deputy Manager, Deepak Nitrate | 05-11-2023 | Process Development and Intensification |

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

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

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

**5.4 MOU SIGNED WITH INDUSTRY**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 INDUSTRIAL TRAINING**

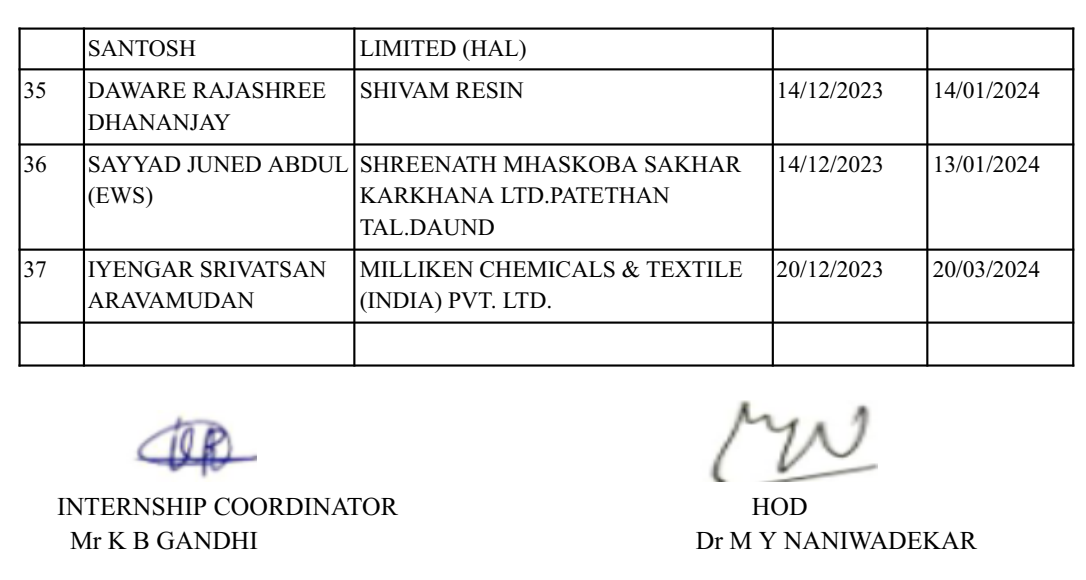
|  |  |  |  |
| --- | --- | --- | --- |
| **Term One** | | | |
| **Sr. No.** | **Name of Faculty** | **Name of Industry** | **Dates and Duration** |
| 01 | Prof P S Tadkar | METTECHNIK BHOSARI Pune | 04.07.202-10.07.2023 |

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

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







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

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

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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term One** | | | | | |
| **Sr No** | **Name of student** | **Industry** | **Sr No** | **Name of student** | **Industry** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Term Two** | | | | | |
| **Sr No** | **Name of student** | **Industry** | **Sr No** | **Name of student** | **Industry** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |
| --- | --- |
| Few good photographs related to different activities organized under Industry Institute Interaction | |
| Size of photo 5 cm x 7 cm with captions |  |
|  |  |
|  |  |
|  |  |

**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)** |
| 1.Himanshu Lanke | First prize in Avishkar competitionat AISSMS COE PUNE | design competitions |
| 2. Aniket Patil | First Prize in Presentation on Standards by AISSMS COE PUNE | design competitions |
| 3. Vaishnavi Ghorpade | First prize Mock Interview (Engineering Today 2023) by AISSMS COE PUNE | technical quiz |
| 4. Aniket Patil | Second prize at Shark Tank (Engineering Today 2023 by AISSMS COE PUNE | technical quiz |
| 5.Dnyaneshwar Nikam | Second prize at Shark Tank (Engineering Today 2023 by AISSMS COE PUNE | technical quiz |
| 6. Aniket Patil | First prize at War of Titrants (Engineering Today 2023)by AISSMS COE Pune | technical quiz |
| 7. Aditya Shinde | Second prize at War of Titrants (Engineering Today 2023)by AISSMS COE Pune | technical quiz |
|  |  |  |

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

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

|  |  |  |
| --- | --- | --- |
| Term One | | |
| Name of Student | **Details of Achievement (State/University/ National/International Level)** | **Remark**  **((Domain)** |
| Shubham Gore | **Participated in Natioal Integration camp By government of India at Jalgoan.** | **Social Activity** |
| Sfurti Kadhuskar | **Second Prize in Essay Writing by State level competition at pune(Organized by NSS)** | **Social Activity** |
|  |  |  |

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

* 1. **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 | Vedant Deepak Lole | Aspen Plus V11 Masterclass | Udemy | 4 weeks |
| 2 | Sanket sampat sable | Matlab Onramp | MATLAB | 4 weeks |
| 3 | Rutuja Sudam Bhokate | Aspen Plus® simulation software - A basic course for beginners | NPTEL | 12 Week |
| 4 | Omkar Potsure | Lab safety | AIChE | 4 weeks |
| 5 | MOHAMMAD ADIL MAHFOOZ | Toxic and Explosion Hazards of Common Chemicals | AIChE Academy | 4 weeks |
| 6 | Abhishek Avinash Kajarekar | Aspen Plus® simulation software - a basic course for beginners | NPTEL | 12 Week |
| 7 | MOHAMMED OMAR MOHAMMED ILYAS SHAIKH | Aspen Plus® simulation software - a basic course for beginners | NPTEL | 12 Week |
| 8 | Karan Shantaram Divekar | Matlab MATLAB 2018 Essential Training | LinkedIn learning | 4 weeks |
| 9 | Om Ravindra Avhad | Matlab MATLAB 2018 Essential Training | LinkedIn learning | 4 weeks |
| 10 | Sushant Sharad Modhave | MATLAB | LinkedIn learning | 4 weeks |
| 11 | yashsanjayjain | DWSIM | IIT Bombay | 4 weeks |
| 12 | Shubham Rajesh Salunkhe | MATLAB | LinkedIn learning | 4 weeks |
| 13 | Gangurde Sneha Sanjay | MATLAB | LinkedIn learning | 4 weeks |
| 14 | Vikas Rajendra Ghodke | MATLAB | LinkedIn learning | 4 weeks |
| 15 | Gaurav bhangale | Python | Guvi | 4 weeks |
| 16 | Aniket Jivan Patil | MATLAB 2018 Essential Training | LinkedIn learning platform | 4 weeks |
| 17 | Tanvi Nitin Naik | Tcs ion Career edge - young professional | TCS | 4 weeks |
| 18 | Waichal Umesh Ramchandra | MATLAB | LinkedIn | 4 weeks |
| 19 | ASHISH PRAKASH BHANDARI | The process of important of safety | AIChE | 4 weeks |
| 20 | Rasale Sandesh Sanjay | Solar energy | Coursera | 4 weeks |
| 21 | AVADHUT ANIL PATIL | Aspen Plus V11 Masterclass | Udemy | 4 weeks |
| 22 | Pravin Santosh Anarse | Aspen Plus V11 Masterclass | Udemy | 4 weeks |
| 23 | Dnyaneshwar Gulabrao Nikam | Aspen Plus V11 Masterclass | Udemy | 4 weeks |
| 24 | Kodolivishakhaarun | Matlab | LinkedIn | 4 weeks |
| 25 | Manisha Raju Kadu | Matlab | Onramp | 4 weeks |
| 26 | Sagar Sachin kakade | Matlab Learnings | LinkedIn learning | 4 weeks |
| 27 | mayurkulkarni | MATLAB 2018 essential training | LinkedIn learning | 4 weeks |
| 28 | Mohammad Afif Abuzar | Toxic and Explosion Hazards of Common Chemicals | AICHE ACADEMY | 4 weeks |
| 29 | Junaid Hamid Shaikh | Toxic and explosive hazards of common chemicals | AICHE academy | 4 weeks |
| 30 | Tejas Chandrakant Londhe | MATLAB 2018 Essential Training | Linked In | 4 weeks |
| 31 | Krishna Tapse Patil | MATLAB 2018 Essential Training | LinkedIn | 4 weeks |
| 32 | Nikita Madan kurdhane | MATLAB training | LinkedIn | 4 weeks |
| 33 | Shidore Anjali Babuppa | MATLAB 2018 Training | LinkedIn | 4 weeks |
| 34 | Nishant Dilip Shinde | Mastering ANSYS CFD | Udemy | 4 weeks |
| 35 | OM CHANDRAKANT TALE | Learning MATLAB (2018) | LinkedIn Learning | 4 weeks |
| 36 | Nikhil Shipkule | MATLAB 2018 essential training | LinkedIn learning | 4 weeks |
| 37 | Anshul Udapure | Learning MATLAB (2018) | LinkedIn learning | 4 weeks |
| 38 | Prasad KrishnajiRupanawar | MATLAB 2018 | LinkedIn learning | 4 weeks |
| 39 | Sanket Rokade | Oil and gas industry operations and Markets | Coursera | 4 weeks |
| 40 | Yash Jitendra Ladkat | Oil & Gas Industry Operations and Markets | COURSERA | 4 weeks |
| 41 | Sayyed hudafarooq | MATLAB | LinkedIn learning | 4 weeks |
| 42 | Akash Ashok Bagal | MATLAB | LinkedIn learning | 4 weeks |
| 43 | Swaraj Game | MATLAB 2018 | LinkedIn learning | 4 weeks |
| 44 | Abhijeet Shitole | Learning MATLAB (2018) | LinkedIn learning | 4 weeks |
| 45 | Mote Dnyanraj Sandip | MATLAB | NPTEL | 12 Weeks |
| 46 | Gaurav Bhangale | Nanotechnology | Coursera | 4 weeks |
| 47 | Dhiraj DIGGIKAR | MATLAB 2018 Essential Training | LinkedIn | 4 weeks |
| 48 | Vishal Anil Girvale | MATLAB | LinkedIn learning | 4 weeks |
| 49 | Aditya Shinde | MS excel | Great learning | 4 weeks |
| 50 | TUSHAR DNYANDEV JAGDALE | MATLAB | LINKDIN | 4 weeks |
| 51 | Jayesh Satyajit Khatod | MATLAB | Linked in | 4 weeks |
| 52 | Khaladkar Yash Bharat | Unit process | AIChE | 4 weeks |
| 53 | ABHAY VIJAY KATHALE | Learning MATLAB 2018 | LinkedIn | 4 weeks |
| 54 | Shreyas Godase | Energy literacy | energy swaraj | 4 weeks |
| 55 | Shreyas Godase | Lab safety | AIChE academy | 4 weeks |
| 56 | Shreyas Godase | Nanotechnology | Coursera | 4 weeks |
| 57 | Shubham Sanjay Duggad | Nanotechnology | Coursera | 4 weeks |
| 58 | Yash Sanjay Atkare | MATLAB | Coursera | 4 weeks |
| 59 | Abishek Sakharam Bhagwat | MATLAB | Coursera | 4 weeks |
| 60 | Hrishikesh Bapurao Borate | MATLAB | Coursera | 4 weeks |
| 61 | Smriti RatanpalChandanshekhe | MATLAB | Coursera | 4 weeks |
| 62 | Riddhima Naresh Chaudary | MATLAB | Coursera | 4 weeks |
| 63 | Yogesh Dungram Choudhary | MATLAB | Coursera | 4 weeks |
| 64 | Priya RajeshDalvi | MATLAB | Coursera | 4 weeks |
| 65 | DEOKAR SAKSHI  BALSHIRAM | MATLAB | Coursera | 4 weeks |
| 66 | DEVKAR HARSHADA BALU | MATLAB | Coursera | 4 weeks |
| 67 | DHOKE SIDHANT  PARBHAKAR | MATLAB | Coursera | 4 weeks |
| 68 | DIGGIKAR SHANTANU | MATLAB | Coursera | 4 weeks |
| 69 | GATKUL MRUNAL | MATLAB | Coursera | 4 weeks |
| 70 | GOME KUMAR VISHNU | MATLAB | Coursera | 4 weeks |
| 71 | GORE SHUBHAM | MATLAB | Coursera | 4 weeks |
| 72 | INGALE SAMRUDDHI | MATLAB | Coursera | 4 weeks |
| 73 | INGALE YOGESHWAR | MATLAB | Coursera | 4 weeks |
| 74 | JADHAV PRATHAMESH | MATLAB | Coursera | 4 weeks |
| 75 | KADUSKAR SFURTI | MATLAB | Coursera | 4 weeks |
| 76 | KESHAR BAJRANG | MATLAB | Coursera | 4 weeks |
| 77 | KINAGI SIDDHARTH | MATLAB | Coursera | 4 weeks |
| 78 | KORADE ROHIT PRADIP | MATLAB | Coursera | 4 weeks |
| 79 | KOTHAWADE SHRUTI | MATLAB | Coursera | 4 weeks |
| 80 | KURHADE VAIBHAV | MATLAB | Coursera | 4 weeks |
| 81 | MARATHE JAYESH | MATLAB | Coursera | 4 weeks |
| 82 | MOTHE KARTIK | MATLAB | Coursera | 4 weeks |
| 83 | PATIL VIDHI | Preparing to Network in English | University of Washington | 4 Weeks |
| 84 | PATRA  AKHILESH | Preparing to Network in English | University of Washington | 4 Weeks |
| 85 | RAJOLE YASH | Preparing to Network in English | University of Washington | 4 Weeks |
| 86 | RAKSHE  OMKAR | Preparing to Network in English | University of Washington | 4 Weeks |
| 87 | ROKADE  KALYANI | Preparing to Network in English | University of Washington | 4 Weeks |
| 88 | SAHIL  GURUDAS | Preparing to Network in English | University of Washington | 4 Weeks |
| 89 | SAMBRE  JANHAVI | Preparing to Network in English | University of Washington | 4 Weeks |
| 90 | SHAIKH  MUSTAKIM | Preparing to Network in English | University of Washington | 4 Weeks |
| 91 | SHEDGE SUJAL | Preparing to Network in English | University of Washington | 4 Weeks |
| 92 | SUKALE  NIRANJAN | Preparing to Network in English | University of Washington | 4 Weeks |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Term Two** | | | | |
| **S N** | **Name of Student** | **Title of the Course** | **Conducted By** | **Duration/ Dates** |
| 1 | WAICHAL UMESH RAMCHANDRA | MATLAB 2018 | LinkedIn | 4 weeks |
| **2** | CHAUDHARI YASH SANJAY | SQL Essential Training | Linkdin | 4 weeks |
| 3 | KADU MANISHA RAJU | NPTEL-MATLAB Certificate | NPTEL | 12 Weeks |
| 4 | POTSURE OMKAR SANTOSH | Lab Safety | AIChE | 1 4 weeks |
| 5 | NAIK TANVI NITIN | MATLAB essential course | Linkdin | 1 4 weeks |
| 6 | BHANGALE GAURAV SATISH | Business analysis | Linkdin | 1 4 weeks |
| 7 | JAIN YASH SANJAY | DWSIM | SPOKEN TUTORIALS | 4 weeks |
| 8 | SHINDE SHIVAM SACHIN | SolidWorks | Udemy | 4 weeks |
| 9 | KHATOD JAYESH SATYAJIT | Solid works | Udemy | 4 weeks |
| 10 | KHATOD JAYESH SATYAJIT | Lab safety | Sache | 4 weeks |
| 11 | POTSURE OMKAR SANTOSH | SolidWorks | Udemy | 4 weeks |
| 12 | GANGURDE SNEHA SANJAY | MATLAB Essential Training | Linkdin | 4 weeks |
| 13 | KULKARNI MAYUR GUNWANT | Lab safety | Sache | 4 weeks |
| 14 | RASALE  SANDESH SANJAY | Introduction to Hydrogen Safety for First Responders | AIChE Academy | 4 weeks |
| 15 | SHINDE ADITYA BHIMRAJ | Excel for beginner | Great learners | 4 weeks |
| 16 | LADKAT YASH JITENDRA | Excel Statistics Essential Training | LinkedIn | 4 weeks |
| 17 | RUPANAWAR PRASAD KRISHNAJI | AutoCAD 2022 Essential Training | LinkedIn Learning | 4 weeks |
| 18 | GODASE SHREYAS SIRAMA | Celebrating life by leading a healthy lifestyle | Great learning | 4 weeks |
| 19 | GODASE SHREYAS SIRAMA | Nanotechnology | Coursera | 4 weeks |
| 20 | BAGAL AKASH ASHOK | MATLAB | LinkedIn | 4 weeks |
| 21 | SAYYED HUDA FAROOQ | MATLAB | LinkedIn | 4 weeks |
| 22 | ROKADE SANKET NAMDEV | Excel Statistics Essential Training | LinkedIn | 4 weeks |
| 23 | LOLE VEDANT DEEPAK | Oil & Gas Process Simulation/ Modeling using Aspen HYSYS | Udemy | 4 weeks |
| 24 | KAKADE SAGAR SACHIN | Excel statistics Essential Training | LinkedIn | 4 weeks |
| 25 | DUGGAD SHUBHAM SANJAY | AutoCAD | LinkedIn | 4 weeks |
| 26 | MODHAVE SUSHANT SHARAD | AutoCAD 2022 Essential Training | LinkedIn | 4 weeks |
| 27 | DIVEKAR KARAN SHANTARAM | Excel statistics essential training | LinkedIn | 4 weeks |
| 28 | GAME SWARAJ RAVINDRA | Excel statistics essential training | LinkedIn | 4 weeks |
| 29 | UDAPURE ANSHUL NANDKUMAR | Excel statistics essential training | LinkedIn | 4 weeks |
| 30 | TALE OM CHANDRAKANT | Excel statistics essential training | LinkedIn | 4 weeks |
| 31 | VAISHNAVI NITIN GHORPADE | Excel statistics essential training | LinkedIn | 4 weeks |
| 32 | OM RAVINDRA AVHAD | LinkedIn Learning | LinkedIn | 4 weeks |
| 33 | KODOLI VISHAKHA ARUN | MATLAB | LinkedIn | 4 weeks |
| 34 | KODOLI VISHAKHA ARUN | Microsoft Excel | LinkedIn | 4 weeks |
| 35 | GHODKE VIKAS RAJENDRA | LinkedIn | LinkedIn | 4 weeks |
| 36 | TAPSE PATIL KRISHNA PRADIP | Oil and Gas process simulation | Udemy | 4 weeks |
| 37 | LONDHE TEJAS CHANDRAKANT | MATLAB 208 ESSENTIAL TRAINING | LinkedIn | 4 weeks |
| 38 | JAGDALE TUSHAR DNYANDEV | MATLAB 208 ESSENTIAL TRAINING | LinkedIn | 4 weeks |
| 39 | SHITOLE ABHIJEET MADHUKAR | MATLAB | LinkedIn | 4 weeks |
| 40 | SHINDE NISHANT DILIP | MATLAB | LinkedIn | 4 weeks |
| 41 | GIRVALE VISHAL ANIL | AUTOCAD 2022 essential training | LinkedIn | 4 weeks |
| 42 | KURDHANE NIKITA MADAN | Chemical | LinkedIn | 4 weeks |
| 43 | SHAIKH MOHAMMED OMAR | Aspen Plus Simulation | NPTEL | 12 Weeks |
| 44 | KAJAREKAR ABHISHEK AVINASH | Aspen Plus Simulation | NPTEL | 12 Weeks |
| 45 | SALUNKHE SHUBHAM RAJESH | Aspen Plus Simulation | NPTEL | 12 Weeks |
| 46 | PATRA AKHILESH ARUN | Rocket Propulsion and spacecraft Dynamics | ISRO | 4 Weeks |
| 47 | PATRA AKHILESH ARUN | MATLAB workshop | IIT Bombay | 4 Weeks |
| 48 | DHOKE SIDHANT PARBHAKAR | Introduction to soft skill | TCS ION | 4 Weeks |
| 49 | TAMBE NIHANSHU YOGENDRA | TCSION | TCS | 4 Weeks |
| 50 | DHOKE SIDHANT PARBHAKAR | TCS ION Career Edge-Young Proffesional | TCS ION | 4 Weeks |
| 51 | JADHAV SANSKAR RAMDAS | Fundamentals of Auditing | Great learning | 4 Weeks |
| 52 | JADHAV SANSKAR RAMDAS | Laplace Transformation | Great learning | 4 Weeks |
| 53 | VILAYATE ABHIJEET SHIVAJI | FUNDAMENTAL OF AUDITING | Great learning | 4 Weeks |
| 54 | SWAMI KRISHNA DEVENDRA | Project Management | Great learning | 4 Weeks |
| 55 | GOME KUMAR VISHNU | Advance Powerpoint. | Udemy | 4 Weeks |
| 56 | CHOUDHARY YOGESH DUNGARAM | Nanotechnology | Duke NC State University | 4 Weeks |
| 57 | INGALE YOGESHWAR MANOHAR | Nanotechnology | Coursera | 4 Weeks |
| 58 | DIGGIKAR SHANTANU DHANYAKUMAR | Communication Skill | TSCION Communication Skills | 4 Weeks |
| 59 | KORADE ROHIT PRADIP | Nanotechnology: A Maker's course | Coursera | 4 Weeks |
| 60 | INGALE YOGESHWAR MANOHAR | Nanotechnology: A Maker's course | Coursera | 4 Weeks |
| 61 | GATKUL MRUNAL RAMAKANT | Nanotechnology: A Maker's course | Coursera | 4 Weeks |
| 62 | KADUSKAR SFURTI BABAN | Nanotechnology: A Maker's course | Coursera | 4 Weeks |
| 63 | VAISHNAVI ROKADE | Nanotechnology: A Maker's course | Coursera | 4 Weeks |
| 64 | KOTHAWADE SHRUTI KISHOR | Nanotechnology: A Maker's course | Coursera | 4 Weeks |
| 65 | KINAGI SIDDHARTH SANTOSH | MATLAB | LinkedIn | 4 Weeks |
| 66 | DALVI PRIYA RAJESH | Trading Analytics | Mind luster | 4 Weeks |
| 67 | PATIL VIDHI NITIN | Fundamentals of auditing | Great learning | 4 Weeks |
| 68 | DEOKAR SAKSHI BALSHIRAM | Assistant Electrician | TCS ion Digital Learning Hub | 4 Weeks |
| 69 | RAUT SATYAM VIJAY | MATLAB | LinkedIn | 4 Weeks |
| 70 | SURYAVANSHI SAMRUDDHI VISHNU | Excel for beginners | Great learning | 4 Weeks |
| 71 | ATKARE YASH SANJAY | Credit risk | TCS | 4 Weeks |
| 72 | SHAIKH MUSTAKIM FARUK | Introducing of soft skill | TCS Ion | 4 Weeks |
| 73 | BHAGWAT ABHISHEK SAKHARAM | Introducing of soft skill | TCS Ion | 4 Weeks |
| 74 | TAYADE NISHANT RAJESH | MATLAB Onramp, Fundamentals of Auditing | MathWorks, Great Learning | 4 Weeks |
| 75 | RAKSHE OMKAR GOPINATH | Fundamentals of auditing | Great learning | 4 Weeks |
| 76 | MOTHE KARTIK TUKARAM | Audit course | TCS Ion | 4 Weeks |
| 77 | PHALKE SARTHAK SAINATH | Fundamentals of auditing | Great learning | 4 Weeks |
| 78 | INGALE SAMRUDDHI PRADEEP | Sign Language basics in ASL | Mind luster | 4 Weeks |
| 79 | SHEDGE SUJAL TUSHAR | Introduction to soft skills | TCS ION | 4 Weeks |
| 80 | SAHIL GURUDAS KAMDI | Fundamentals of Auditing | Great Learning Academy | 4 Weeks |

* 1. **NUMBER OF STUDENTS PLACED**

**Placement/Higher Studies of BE Chemical Appearing (2023-24)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Name of the student | Position | Name of the Company |
| 1 | Aniket Patil | Graduate Engineer Trainee | Galaxy Surfactants Ltd., Mumbai |
| 2 | Yash Ladkat | Graduate Engineer Trainee | Reliance Industries Ltd. |
| 3 | Sanket Rokade | Graduate Engineer Trainee | Reliance Industries Ltd. |
| 4 | Manisha Kadu | Graduate Engineer Trainee | Worley, Pune |
| 5 | Dhiraj Diggikar | Safety Engineer | Techniche Engineering Pvt. Ltd.,  Pune |
| 6 | Tanvi Naik | Graduate Engineer Trainee | Technip Ltd., Noida |
| 7 | Sneha Gangurde | Graduate Engineer Trainee | Technip Ltd., Noida |
| 8 | Vishakha Kodoli | Graduate Engineer Trainee | Emerson, Pune |
| 9 | Vaishanavi Ghorpade | Graduate Engineer Trainee | Man Truck & Bus Pvt. Ltd. |
| 10 | Avdhoot Bondre | Graduate Engineer Trainee | Envipro Engineering Pvt. Ltd., Pune |
| 11 | Chetan Ingle | Graduate Engineer Trainee | Envipro Engineering Pvt. Ltd., Pune |
| 12 | Huda Sayyad | Graduate Engineer Trainee | Envipro Engineering Pvt. Ltd., Pune |
| 13 | Dnyaneshwar Nikam | Graduate Engineer Trainee | HRS Process Systems Ltd., Pune |

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

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

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

|  |  |  |
| --- | --- | --- |
| **Term One** | | |
| **Name of Student** | **Details of Achievement (State/University/ National/International Level)** | **Remark**  **(Domain)** |
| Kartik Umate  Omkar Potsure | Second Prize at  Kabaddi event at AIT, pune | Sports |
| Kaveri Salve | Runner up at Volleyball (Shahu KridaMohatsv)by AISSMS COE Pune | Sport |

|  |  |  |
| --- | --- | --- |
| **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)** |
| Design competition on standards | Prof.P.M. Warke | Second Prize in Presentation on Standards by AISSMS COE PUNE. Team member are as follows-  1. Apurva Shelar  2. Rajashree Daware  3. Mayur Tandalekar  4. Sandesh Rathod | **Technical competition** |
| Paper Presentation | Prof.P.M.Warke | Third prize at paper presentation by Jadhavar Science Festival by LUTJF’s and Jadhavar Group of Institutes.  Team member are as follows-  1.Siddharth Kingi  2. Prathmesh Jadhav | **Technical Competition** |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Term Two** | | | |
| **Name of Event** | **Name of Faculty Advisor** | **Details of Achievement (State/University/ National/International Level)** | **Remark**  **(Domain)** |
| Research Paper | Prof P M Warke | Patent on TRAP FOR BANANA RHIZOBIUM INSECTS by  1 Siddhal Shegar  2 Yash Kamble | Granted |
|  |  |  |  |

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

**SUMMARY AND SWOC ANALYSIS**

**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 |
| 2 | Good Faculty retention |
| 3 | Well equipped laboratories |
| 4 | Good number of Faculty publications |
| 5 | Good research culture |

**Weaknesses:**

|  |  |
| --- | --- |
| 1 | Less number of funded Research projects |
| 2 | Placement in core companies at low salary |
| 3 | Less Consultancy projects |
| 4 |  |
| 5 |  |

**Opportunities:**

|  |  |
| --- | --- |
| 1 | Qualification up-gradation of faculty |
| 2 | Establishing MOUs with Industries |
| 3 | External Sponsorship for Research |
| 4 | Testing and consultancy |
| 5 |  |

**Challenges**

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

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

|  |  |
| --- | --- |
| 1 | Improve Placement |
| 2 | MOU with Industry |
| 3 | Improve NPTEL Courses participation |
| 4 | Conducting FDP in Chemical Engg. |
| 5 | Conducting STTP in Chemical Engg. |

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

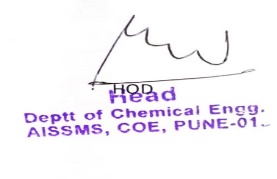
|  |  |
| --- | --- |
| Area | Initiatives |
| Academics and overall profile of Department | Writing assignments , Participation in TEST. |
| Organization of different activities | Conducted BIS Club Seminars . Workshops etc Conducted Guest lectures through Students Chapter |
| Research and Innovation | Publishing Papers and Writing research proposals to AICTE etc |
| Industry institute Interaction | Conducting Industrial Visit at different chemical Industry |
| Students’ Achievements | Motivating Students for participation in various students activities, R &D Projects |

**SUMMARY SHEET (Annual)**

|  |  |  |
| --- | --- | --- |
| Sr No | Activity/ Item | Numbers |
| PROFILE OF DEPARTMENT | | |
| 01 | Students in the department | 141 |
|  |  |  |
|  | **FACULTY CONTRIBUTION** |  |
| 02 | e content developed by faculty and available online | 12 |
| 03 | Number of FDP/STTP attended by the department faculty | 12 |
| 04 | Number of Seminars/ workshops/ webinars attended by the department faculty | 03 |
| 05 | Number of Conferences/ symposiums attended by the department faculty | 02 |
| 06 | Number of Online courses / certificate courses completed by department faculty | 04 |
| 07 | Number of extension lectures / webinars (Lectures delivered on other than technical topics)) | 03 |
| 08 | Number of Faculty served as resource person, expert, chairperson | 02 |
|  |  |  |
|  | **ACTIVITIES ORGANISED** |  |
| 09 | Number of FDP/STTP organized by the department | 01 |
| 10 | Number of Seminars/ workshops/ webinars organized by the department (for faculty) | 03 |
| 11 | Number of Conferences/ symposiums organized by the department (for faculty) | 01 |
| 12 | Number of Extension activities conducted by the department (Social/ Quizzes at national/international level/any other activity) | 02 |
| 13 | MOU signed with academic and professional organizations | 02 |
| 14 | Number of Students’ chapters /clubs | 99 |
| 15 | Number of Social activities organized | 02 |
| 16 | Number of Parent meeting | 01 |
| 17 | Number of Alumni meet | 00 |
| 18 | Number of student counseling and career guidance at the department level | 01 |
|  |  |  |
|  | **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) | 01 |
| 22 | Number of Papers published/ presented in proceedings of conferences | 00 |
| 23 | Number of Papers published in journals | 09 |
| 24 | Number of Book/ article publications | 00 |
| 25 | Total Research citations | 150 |
| 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 | 06 |
| 30 | Number of Industry –sponsored projects (UG/PG) | 00 |
| 31 | Number of MOU signed with industry | 03 |
| 32 | Number of Faculty members undergone industrial training | 01 |
| 33 | Number of Students undergone in-plant training and (or) internship programme | 37 |
| 34 | Number of students placed | 13 |
| 35 | Number of students qualified in the examinations | 00 |

**Declaration by the Head of the Department**

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

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**Dr M Y Naniwadekar**

**Head of Department**