



Internal Quality Assurance Cell

DEPARTMENT OF FIRST YEAR ENGINEERING ANNUAL REPORT

(15 JUNE 2024 to 14 June 2025)

TERM ONE: 15 June 2024 to 30 November 2024

TERM TWO: 01 December 2024 to 14 June 2025

Academic Year 2024 – 25

Guidelines:

Fill up this sheet for all the contributions /activities conducted at the 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@aiissmscoe.com*

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| | | |
|------|--|----|
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| 5.9 | Any other activities to Promote Interaction With Industry | NA |
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| | | |
|-----|--|-------|
| 6.1 | Students' Achievement (Professional) (Individual Level) | - |
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1. PROFILE OF DEPARTMENT

VISION OF DEPARTMENT

Impart students with pre-requisites of technical know how's to expedite as emerging engineers

MISSION STATEMENTS OF DEPARTMENT

1. Embed crucial thinking and analytical reasoning ability required by respective disciplines
2. Cultivate students to deal with stress and anxiety imposed by academics and social milieu
3. Nurture students to emulate and inculcate the judicious nature demanded by the multifaceted world

1.1 INTRODUCTION

| | |
|-------------------------------------|-------------|
| Year of Establishment | 1992 |
| UG Programmes | NA |
| PG Programmes | NA |
| Number of Teaching Staff | 40 |
| Number of Non-Teaching Staff | 06 |

1.2 LABORATORIES IN THE DEPARTMENT

| Name of Laboratory | |
|-----------------------|-------------------------|
| 1. Physics Laboratory | 2. Chemistry Laboratory |

1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT

| Software Available | |
|--------------------|----|
| | NA |

1.4 FACULTY IN THE DEPARTMENT

| Name of faculty | Designation |
|--------------------------|---------------------|
| 1. Dr. D V Nighot | Associate Professor |
| 2. Dr. M K Nikam | Associate Professor |
| 3. Dr. S K Upasani | Associate Professor |
| 4. Dr. N N Shejwal | Associate Professor |
| 5. Prof. V Y Sonawane | Assistant Professor |
| 6. Prof. A Y Kazi | Assistant Professor |
| 7. Prof. S P Bhosale | Assistant Professor |
| 8. Dr. A B Patil | Assistant Professor |
| 9. Prof. M S Swami | Assistant Professor |
| 10. Prof. S H Lavate | Assistant Professor |
| 11. Prof. A B Thakare | Assistant Professor |
| 12. Dr. S A Virkar | Assistant Professor |
| 13. Prof. Y B Karandikar | Assistant Professor |
| 14. Prof. P G Kokare | Assistant Professor |
| 15. Prof. M A D'Cruz | Assistant Professor |
| 16. Prof. S B Patil | Assistant Professor |
| 17. Prof. A M Shete | Assistant Professor |
| 18. Prof. Almas Ambreen | Assistant Professor |
| 19. Prof. S T Gade | Assistant Professor |
| 20. Prof. S S Patil | Assistant Professor |
| 21. Prof. S S Khasbage | Assistant Professor |
| 22. Prof. S T Surase | Assistant Professor |

| | |
|---------------------------|---------------------|
| 23. Prof. B A Patil | Assistant Professor |
| 24. Prof. K B Kshirsagar | Assistant Professor |
| 25. Dr. P D Baviskar | Assistant Professor |
| 26. Prof. A A Gupta | Assistant Professor |
| 27. Prof. B S Suryavanshi | Assistant Professor |
| 28. Prof. S A Kothari | Assistant Professor |
| 29. Prof. K G Choudhari | Assistant Professor |
| 30. Dr. M Gauratra | Assistant Professor |
| 31. Prof. A V Wakchaure | Assistant Professor |
| 32. Prof. S G Wani | Assistant Professor |
| 33. Dr. S S Modhave | Assistant Professor |
| 34. Prof. M G Ghodekar | Assistant Professor |
| 35. Dr. V S Kalyani | Assistant Professor |
| 36. Prof. R M Deshmukh | Assistant Professor |
| 37. Prof. P S Gore | Assistant Professor |
| 38. K S Hangargi | Assistant Professor |
| 39. A S Warhekar | Assistant Professor |
| 40. S P Warkari | Assistant Professor |

1.5 DETAILS OF SUPPORTING STAFF

| Name of non-teaching staff | | Designation | |
|----------------------------|--|----------------------|--|
| 1. Mr. J R Patil | | Senior Lab Assistant | |
| 2. Mr. R D Rode | | Lab Assistant | |
| 3. Mr. R H Balkawade | | Lab Assistant | |
| 4. Mr. R Sukale | | Lab Attendant | |
| 5. Mr. K A Alhat | | Lab Attendant | |
| 6. Mr. S N Mane | | Attendant | |

1.6 STUDENTS' ENROLLMENT

| Program | GEN | | SC | | ST | | OBC | | PW D | | Others | | Total | | Progr am Total |
|----------------|-----|----|----|----|----|----|-----|----|---------|---|--------|----|-------|----|----------------------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| Computer | 31 | 18 | 11 | 03 | 02 | 01 | 15 | 20 | 0 | 0 | 20 | 12 | 79 | 54 | 133 |
| AI & ML | 37 | 13 | 06 | 03 | 05 | 00 | 25 | 12 | 0 | 0 | 21 | 12 | 94 | 40 | 134 |
| Chemical | 12 | 08 | 04 | 06 | 00 | 03 | 14 | 05 | 0 | 0 | 10 | 06 | 40 | 28 | 68 |
| Civil | 28 | 06 | 06 | 04 | 03 | 00 | 30 | 06 | 0 | 0 | 30 | 22 | 97 | 38 | 135 |
| Electrical | 13 | 06 | 04 | 03 | 00 | 00 | 07 | 08 | 0 | 0 | 15 | 10 | 39 | 27 | 66 |
| E & TC | 14 | 10 | 04 | 02 | 04 | 00 | 09 | 09 | 0 | 0 | 10 | 09 | 41 | 30 | 71 |
| Mechanica l | 21 | 07 | 07 | 03 | 00 | 01 | 38 | 10 | 0 | 0 | 28 | 11 | 94 | 32 | 126 |

| | | | | | | | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|---|---|----|----|----|----|-----|
| Mech SW | 22 | 03 | 03 | 02 | 00 | 00 | 16 | 03 | 0 | 0 | 07 | 03 | 48 | 11 | 59 |
| R & A | 16 | 07 | 01 | 02 | 00 | 00 | 12 | 05 | 0 | 0 | 14 | 09 | 43 | 23 | 66 |
| Electronics (VLSI Design & Tech) | 08 | 10 | 03 | 02 | 00 | 00 | 16 | 06 | 0 | 0 | 16 | 06 | 43 | 24 | 67 |
| Grand Total | | | | | | | | | | | | | | | 925 |

1.7 STUDENTS–FACULTY FEEDBACK DETAILS

| Term One | | | |
|-----------------|------------------------|---------------------------------|---------------------|
| Sr. No. | Name of faculty | Class and Subject taught | Feedback (%) |
| 1 | Dr. M K Nikam | [I] EM-II | 88.31 |
| 2 | Mrs. U H Wanaskar | [I] PPS | 85.59 |
| 3 | IKS Faculty | [I] IKS | 82.68 |
| 4 | Mrs. S A Kothari | [I] EM | 94.52 |
| 5 | Dr. D V Nighot | [I] CHEM | 75.86 |
| 6 | Mr. A Y Kazi | [I] BXE | 78.7 |
| 7 | Mr. A B Thakare | [II] EM-II | 91.56 |
| 8 | Mrs. Ankita Gupta | [II] PPS | 93.11 |
| 9 | IKS Faculty | [II] IKS | 82.85 |
| 10 | Mrs. S B Patil | [II] EM | 92.96 |
| 11 | Dr. V S Kalyani | [II] CHEM | 84.11 |
| 12 | Mr. S P Bhosale | [II] BXE | 70.07 |
| 13 | Mr. P S Gore | [III] EM-II | 91.38 |
| 14 | Mrs. B A Patil | [III] PPS | 94.61 |
| 15 | IKS Faculty | [III] IKS | 79.16 |
| 16 | Mr. A V Wakchaure | [III] EM | 87.88 |
| 17 | Mrs. S G Wani | [III] CHEM | 88.01 |
| 18 | Mr. S H Lavate | [III] BXE | 93.91 |

| | | | | | |
|----|------------------|-----------|-------|-------|-------|
| 84 | Mr. A S Warhekar | [XIV] PPS | 86.67 | 86.92 | 86.80 |
|----|------------------|-----------|-------|-------|-------|

1.8 RESULT ANALYSIS

| Term One | | | | | |
|-------------------|--------------------------|-----------|------------------|--------------------------|-----------|
| Name of faculty | Class and Subject Taught | % passing | Name of faculty | Class and Subject Taught | % passing |
| S T Gade | Div-1 (EG) | 85.07 | S H Lavate | Div-8 (BXE) | 67.16 |
| Almas Ambreen | Div-1 (BEE) | 53.73 | Dr. S S Modhave | Div-8 (Chem) | 58.82 |
| Dr.M K Nikam | Div-1 (EM-I) | 77.61 | A V Wakchaure | Div-8 (EM) | 67.16 |
| U H Wanaskar | Div-1 (FPL) | 71.64 | Dr.A.B.Patil | Div-8 (EM-I) | 71.64 |
| Dr. S A Virkar | Div-1 (PHY) | 79.1 | M GGhodekar | Div-8 (FPL) | 70.59 |
| Swami M S | Div-2 (EG) | 67.16 | S. P. Bhosale | Div-9 (BXE) | 61.19 |
| K G Chaudhari | Div-2 (BEE) | 47.06 | S G Wani | Div-9 (Chem) | 47.06 |
| A. B. Thakare | Div-2 (EM-I) | 79.41 | M A D'Cruz | Div-9 (EM) | 70.15 |
| Ankita Gupta | Div-2 (FPL) | 67.16 | S T Surase | Div-9 (EM-I) | 76.47 |
| R M Deshmukh | Div-2 (PHY) | 68.66 | Kalpana Hangargi | Div-9 (FPL) | 53.03 |
| S. S. Khasbage | Div-3 (EG) | 81.82 | S H Lavate | Div-10 (BXE) | 58.82 |
| Almas Ambreen | Div-3 (BEE) | 60.61 | Dr. S S Modhave | Div-10 (Chem) | 51.47 |
| P S Gore | Div-3 (EM-I) | 83.33 | M A D'Cruz | Div-10 (EM) | 70.59 |
| B A Patil | Div-3 (FPL) | 63.64 | Dr.A.B.Patil | Div-10 (EM-I) | 73.53 |
| Dr. S A Virkar | Div-3 (PHY) | 75.76 | M GGhodekar | Div-10 (FPL) | 71.64 |
| S T Gade | Div-4 (EG) | 81.54 | A S Ubale | Div-11 (BXE) | 57.58 |
| K G Chaudhari | Div-4 (BEE) | 53.03 | S G Wani | Div-11 (Chem) | 58.21 |
| Dr.M K Nikam | Div-4 (EM-I) | 75.76 | A V Wakchaure | Div-11 (EM) | 72.73 |
| U H Wanaskar | Div-4 (FPL) | 70.77 | S T Surase | Div-11 (EM-I) | 79.1 |
| R M Deshmukh | Div-4 (PHY) | 75.76 | Shantanu Warkari | Div-11 (FPL) | 80.3 |
| A Y KAZI | Div-5 (BXE) | 63.08 | B S Bobdey | Div-12 (BEE) | 51.47 |
| Dr. V. S. Kalyani | Div-5 (Chem) | 54.55 | P G Kokare | Div-12 (EG) | 70.59 |

| | | | | | |
|-------------------|--------------|-------|-------------------|---------------|-------|
| S A Kothari | Div-5 (EM) | 68.18 | Ganesh Tungaskar | Div-12 (EM-I) | 76.47 |
| A. B. Thakare | Div-5 (EM-I) | 78.79 | Abhijeet Warhekar | Div-12 (FPL) | 73.53 |
| Ankita Gupta | Div-5 (FPL) | 74.24 | Dr. N N Shejwal | Div-12 (PHY) | 79.41 |
| S. P. Bhosale | Div-6 (BXE) | 64.71 | S S Patil | Div-13 (EG) | 79.1 |
| Dr D V Nighot | Div-6 (Chem) | 51.47 | Sandhya Ahire | Div-13 (BEE) | 34.33 |
| S B Patil | Div-6 (EM) | 75 | S T Surase | Div-13 (EM-I) | 74.63 |
| P S GORE | Div-6 (EM-I) | 83.58 | Kalpana Hangargi | Div-13 (FPL) | 67.16 |
| B A Patil | Div-6 (FPL) | 67.65 | Dr. S K Upasani | Div-13 (PHY) | 71.64 |
| A Y Kazi | Div-7 (BXE) | 70.15 | Sonawane V Y | Div-14 (EG) | 81.25 |
| Dr. V. S. Kalyani | Div-7 (Chem) | 59.7 | B S Bobdey | Div-14 (BEE) | 53.13 |
| S A Kothari | Div-7 (EM) | 74.63 | Ganesh Tungaskar | Div-14 (EM-I) | 75.38 |
| Ganesh Tungaskar | Div-7 (EM-I) | 73.13 | Abhijeet Warhekar | Div-14 (FPL) | 76.56 |
| Shantanu Warkari | Div-7 (FPL) | 80.6 | Dr. N N Shejwal | Div-14 (PHY) | 81.54 |

| Term Two | | | | | |
|-------------------|--------------------------|-----------|-----------------|--------------------------|-----------|
| Name of faculty | Class and Subject Taught | % passing | Name of faculty | Class and Subject Taught | % passing |
| A Y Kazi | Div-1 (BXE) | 84.85 | M S Swami | Div-8 (EG) | 80.3 |
| Dr D V Nighot | Div-1 (Chem) | 70.77 | Dr. A. B. Patil | Div-8 (EM-I) | 53.03 |
| S A Kothari | Div-1 (EM) | 81.54 | M G Ghodekar | Div-8 (FPL) | 71.21 |
| U H Wanaskar | Div-1 (FPL) | 78.46 | Dr. S A Virkar | Div-8 (PHY) | 77.61 |
| S. P. Bhosale | Div-2 (BXE) | 82.81 | Almas Ambreen | Div-9 (BEE) | 63.08 |
| Dr. V. S. Kalyani | Div-2 (Chem) | 70.31 | Sonawane V Y | Div-9 (EG) | 87.88 |
| S B Patil | Div-2 (EM) | 82.81 | O K Deshmukh | Div-9 (EM-I) | 57.58 |
| A. B. Thakare | Div-2 (EM-I) | 69.84 | K S Hangargi | Div-9 (FPL) | 70.77 |
| Ankita Gupta | Div-2 (FPL) | 82.81 | Dr. S A Virkar | Div-9 (PHY) | 70.15 |
| Dr S H Lavate | Div-3 (BXE) | 78.79 | B S Bobdey | Div-10 (BEE) | 68.18 |

| | | | | | |
|-----------------|--------------|-------|-------------------|---------------|-------|
| S G Wani | Div-3 (Chem) | 66.67 | P G Kokare | Div-10 (EG) | 72.73 |
| A V Wakchaure | Div-3 (EM) | 81.82 | Dr.A.B.Patil | Div-10 (EM-I) | 54.55 |
| P S Gore | Div-3 (EM-I) | 65.15 | M G Ghodekar | Div-10 (FPL) | 71.88 |
| B A Patil | Div-3 (FPL) | 75.38 | Dr. S K Upasani | Div-10 (PHY) | 84.85 |
| A S Ubale | Div-4 (BXE) | 82.81 | K G Chaudhari | Div-11 (BEE) | 74.24 |
| Dr. S S Modhave | Div-4 (Chem) | 75.38 | S T Gade | Div-11 (EG) | 95.45 |
| M A D'Cruz | Div-4 (EM) | 84.62 | S T Surase | Div-11 (EM-I) | 65.15 |
| U H Wanaskar | Div-4 (FPL) | 85.71 | S P Warkari | Div-11 (FPL) | 77.27 |
| Almas Ambreen | Div-5 (BEE) | 67.69 | R M Deshmukh | Div-11 (PHY) | 86.36 |
| S S Patil | Div-5 (EG) | 95.38 | A Y Kazi | Div-12 (BXE) | 86.57 |
| A. B. Thakare | Div-5 (EM-I) | 67.69 | Dr. V. S. Kalyani | Div-12 (Chem) | 86.57 |
| Ankita Gupta | Div-5 (FPL) | 78.13 | S A Kothari | Div-12 (EM) | 86.57 |
| Dr. N N Shejwal | Div-5 (PHY) | 79.69 | O K Deshmukh | Div-12 (EM-I) | 59.7 |
| B S Bobdey | Div-6 (BEE) | 61.19 | A S Warhekar | Div-12 (FPL) | 82.09 |
| S T Gade | Div-6 (EG) | 94.03 | S. P. Bhosale | Div-13 (BXE) | 80.3 |
| P S Gore | Div-6 (EM-I) | 70.15 | S G Wani | Div-13 (Chem) | 68.18 |
| B A Patil | Div-6 (FPL) | 74.24 | S B Patil | Div-13 (EM) | 80.3 |
| Dr. S K Upasani | Div-6 (PHY) | 93.94 | S T Surase | Div-13 (EM-I) | 63.08 |
| K G Chaudhari | Div-7 (BEE) | 72.31 | K S Hangargi | Div-13 (FPL) | 74.24 |
| S. S. Khasbage | Div-7 (EG) | 92.31 | Dr S H Lavate | Div-14 (BXE) | 85.25 |
| O K Deshmukh | Div-7 (EM-I) | 67.69 | Dr. S S Modhave | Div-14 (Chem) | 81.97 |
| S P Warkari | Div-7 (FPL) | 83.08 | A V Wakchaure | Div-14 (EM) | 86.67 |
| R M Deshmukh | Div-7 (PHY) | 86.36 | P S Gore | Div-14 (EM-I) | 71.67 |
| J D Pradhan | Div-8 (BEE) | 60.61 | A S Warhekar | Div-14 (FPL) | 91.8 |

1.9 CLASS RESULT ANALYSIS (All Classes FE to BE)

| Term One | | | | | | | | | | | | | | |
|----------|-------|--------------------|--------------------------|------------------------|-----------------------|-------------------|---------------------------|----------------------------|-----------------|-----------|-----------|--|-----------------------|--|
| Sr.No. | Class | Number of Students | | | | | | | | | | | Percentage of Passing | |
| | | Appeared | 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 | Div-1 | 67 | 35 | 7 | 22 | 6 | 0 | 0 | 6 | 35 | 61 | | | |
| 2 | Div-2 | 68 | 27 | 11 | 15 | 1 | 0 | 0 | 10 | 27 | 58 | | | |
| 3 | Div-3 | 67 | 26 | 4 | 16 | 6 | 0 | 0 | 6 | 26 | 61 | | | |
| 4 | Div-4 | 66 | 28 | 4 | 19 | 5 | 0 | 0 | 7 | 28 | 59 | | | |
| 5 | Div-5 | 67 | 27 | 7 | 9 | 10 | 1 | 0 | 7 | 27 | 60 | | | |
| 6 | Div-6 | 69 | 27 | 6 | 10 | 11 | 0 | 0 | 5 | 27 | 64 | | | |
| 7 | Div-7 | 67 | 35 | 5 | 14 | 15 | 1 | 0 | 4 | 35 | 63 | | | |
| 8 | Div-8 | 68 | 31 | 6 | 20 | 5 | 0 | 0 | 11 | 31 | 57 | | | |

| | | | | | | | | | | | | |
|----|------------|-----|-----|----|-----|----|---|---|---|-----|-----|-----|
| 9 | Div- 9 | 68 | 25 | 3 | 17 | 5 | 0 | 0 | 0 | 14 | 25 | 54 |
| 10 | Div- 10 | 68 | 30 | 8 | 15 | 5 | 2 | 0 | 0 | 10 | 30 | 58 |
| 11 | Div- 11 | 67 | 29 | 8 | 14 | 6 | 1 | 0 | 0 | 7 | 29 | 60 |
| 12 | Div- 12 | 68 | 25 | 0 | 19 | 6 | 0 | 0 | 0 | 4 | 25 | 64 |
| 13 | Div- 13 | 68 | 31 | 5 | 16 | 1 | 0 | 0 | 0 | 10 | 31 | 61 |
| 14 | Div- 14 | 67 | 30 | 5 | 20 | 5 | 0 | 0 | 0 | 9 | 30 | 58 |
| | Total | 945 | 406 | 79 | 226 | 87 | 5 | 0 | 0 | 104 | 387 | 803 |

| Term Two | | | | | | | | | | | | | | | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|--------------|---------------------------------|--------------------------------|-------------------------------|------------------------|-----------------------------------|-------------------------------------|--------------------|----|-----------|--------------------------|
| Div- 8 | Div- 7 | Div- 6 | Div- 5 | Div- 4 | Div- 3 | Div- 2 | Div- 1 | 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) | Number of Students | | | Percentage of Passing |
| | | | | | | | | | | | | | | | | 1 | 2 | 3 | |
| 1 | 67 | 36 | 7 | 25 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 36 | 62 | With ATKT | |
| 2 | 65 | 40 | 11 | 20 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 40 | 57 | All Clear | |
| 3 | 66 | 33 | 5 | 16 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 33 | 64 | | |
| 4 | 66 | 32 | 6 | 22 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 32 | 62 | | |
| 5 | 65 | 36 | 9 | 15 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 36 | 60 | | |
| 6 | 67 | 33 | 7 | 13 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 33 | 64 | | |
| 7 | 67 | 37 | 6 | 17 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 37 | 63 | | |
| 8 | 67 | 26 | 9 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 26 | 62 | | |

| | | | | | | | | | | | | |
|----|--------|-----|-----|----|-----|-----|---|---|---|----|-----|-----|
| 9 | Div-9 | 68 | 25 | 5 | 17 | 3 | 0 | 0 | 0 | 9 | 25 | 59 |
| 10 | Div-10 | 66 | 31 | 8 | 16 | 6 | 1 | 0 | 0 | 5 | 31 | 61 |
| 11 | Div-11 | 66 | 36 | 8 | 21 | 7 | 0 | 0 | 0 | 3 | 36 | 63 |
| 12 | Div-12 | 67 | 32 | 1 | 20 | 11 | 0 | 0 | 0 | 3 | 32 | 64 |
| 13 | Div-13 | 67 | 34 | 6 | 25 | 3 | 0 | 0 | 0 | 6 | 34 | 61 |
| 14 | Div-14 | 63 | 37 | 8 | 21 | 8 | 0 | 0 | 0 | 5 | 37 | 58 |
| | Total | 927 | 468 | 96 | 262 | 108 | 2 | 0 | 0 | 67 | 468 | 860 |

1.10 UNIVERSITY RANKERS (Consider last five academic years)

| Academic Year 2023 – 24 | | | | | |
|-------------------------|------------------------------|--|--|--------|------|
| Sr No | Name of the Ranker | | | Class | Rank |
| 1 | Kavathekar Ishan Kishorkumar | | | Comp-A | 1 |
| 2 | Navale Samruddhi Ajay | | | Comp-A | 1 |
| 3 | Suyash Sanjay Pustake | | | Comp-A | 2 |
| 4 | Thakur Harsh Prashant | | | Mech-B | 2 |

| | | | |
|----|--------------------------|---------|----|
| 5 | Mukherjee Anish Sanjay | Comp-A | 3 |
| 6 | Hire Mandar Ravindra | Civil-A | 3 |
| 7 | Parkar Tanmay Satish | Comp-A | 3 |
| 8 | Malawe Devraj Makarand | Comp-A | 3 |
| 9 | Jamdar Atharva Dilip | Comp-B | 3 |
| 10 | Sawant Atharva Rakesh | Mech-B | 3 |
| 11 | Venkatesh Soni | Comp-A | 4 |
| 12 | Pagare Gaurav Sandeep | Comp-B | 4 |
| 13 | Sawant Hrutik Suresh | Comp-B | 4 |
| 14 | Hirave Akshay Dattatray | E&TC | 4 |
| 15 | Daye Sarthak Ravindra | Mech-A | 4 |
| 16 | Alok | Mech-A | 4 |
| 17 | Singh Amey Krishna Kumar | Comp-A | 5 |
| 18 | Patil Prathamesh Sunil | Comp-A | 5 |
| 19 | Jaysheel Girish Dodia | Comp-A | 5 |
| 20 | Wadhwani Sahil Harish | Comp-B | 6 |
| 21 | Digvijay Surendra Chavan | Mech-A | 6 |
| 22 | Pawar Vinit Nitin | Mech-B | 6 |
| 23 | Anurag Kishore Jadhav | Comp-B | 7 |
| 24 | Atre Chinmayee Mahesh | Comp-B | 7 |
| 25 | Agrawal Aditya Dilip | Comp-B | 7 |
| 26 | Bokade Pranav Mahesh | Comp-B | 7 |
| 27 | Harshad Sanjay Jathot | Comp-B | 7 |
| 28 | Kale Purnendu Prasad | Comp-B | 8 |
| 29 | Patil Yash Avinash | Comp-B | 8 |
| 30 | Wagh Shraddha Balasaheb | Comp-A | 10 |

| | | | |
|----|-------------------------|--------|----|
| 31 | Dhangar Ganesh Bichappa | Mech-A | 10 |
| 32 | Phade Rushi Indrajit | Mech-B | 10 |

Academic Year 2022-23

| Sr No | Name of the Ranker | Class | Rank |
|-------|------------------------|--------|------|
| 1 | Sakshi Nilesh Amrutkar | Comp-A | 9 |
| 2 | Lonkar Gaurav Santosh | Comp-B | 9 |

FACULTY AND STAFF GROUP PHOTOS



2. FACULTY CONTRIBUTION

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

| Term One | | |
|----------|-----------------|-----------------------|
| SN | Name of Faculty | Awards & Recognitions |
| | | NIL |

| Term Two | | |
|----------|-----------------|--|
| SN | Name of Faculty | Awards & Recognition |
| 1 | S H Lavate | Awarded with Ph.D. Degree |
| 2 | Merilyn D'Cruz | Completed certification for all 8 NITTTR modules |

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) |
| | | NIL |

| 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 A B Patil | Delivered a session as a resource person in the One Day Workshop on “Engineering Mathematics-II” of First Year Engineering (2024 Pattern) NEP 2020 Complaint Curriculum Structure held on 22nd January, 2025 organized by KJEI’s KJ College of Engineering and Management Research, Pune. |

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 | Gade S T | Lectures on Systems In | Youtube | https://www.youtube.com/playlist?list=PLT |

| | | | | |
|---|---------------------------|--|--------------------------|--|
| | | Mechanical Engineer | | Vzmn5cPNf6F1FIimF0mooUgE8YngJW- |
| 2 | A Gupta | Lectures on Programming and Problem Solving, | Youtube | www.youtube.com/@AnkitaGupta-id2vj |
| 3 | B A Patil | Lectures on Programming Fundamentals and operating systems | YouTube | https://www.youtube.com/channel/UCOS0EfPVCHYM4nbcjUYgK5Q |
| 4 | S T Surase | Lectures on Engineering Mathematics | YouTube | http://www.youtube.com/@SudhirMaths-ve9hb |
| 5 | All FE Department Faculty | FE Subject Website | Google sites | bit.ly/aissms_coe |
| 6 | Dr. P. D. Baviskar | Lecture on Fuels | YouTube | https://www.youtube.com/watch?v=qGEml9m3S2Y |
| 7 | Mrs. M A D'Cruz | Videos on Engineering Mechanics | Youtube | link: https://www.youtube.com/channel/UCAaDRcM8WV-WL22723DCcg/ |
| 8 | Mrs. M A D'Cruz | Inspirational Writings | Wordpress.com | https://theangelsecrets.wordpress.com/ |
| 9 | V Y Sonawane | Lectures on Systems In Mechanical Engineer | YouTube Google Classroom | @vishnusonawane260 9 https://classroom.google.com/u/1/c/NTIzOTc2NjA2MjIy |

Term Two

| Sr No. | Name of Faculty | Title of e-content | e-content development facility/platform | link of the content |
|---------------|---------------------------|--|--|--|
| 1 | Gade S T | Lectures on Engineering Graphics | Youtube | https://www.youtube.com/playlist?list=PLTVzmn5cPNf4lhs0HMXaIKTz9tvQ2DpA1 |
| 2 | S.T.Surase | Lectures on Engineering Mathematics | Youtube | http://www.youtube.com/@SudhirMaths-ve9hb |
| 3 | Dr A B Patil | Video Lectures on Engineering Mathematics | Youtube | https://www.youtube.com/@dramolpatil294 |
| 4 | All FE Department Faculty | FE Subject Website | Google sites | bit.ly/aissms_coe |
| 5 | Mrs. M A D'Cruz | Videos on Engineering Mechanics | Youtube | link: https://www.youtube.com/channel/UCAAaDRcM8WV-WL22723DCcg/ |
| 6 | Mrs. M A D'Cruz | Inspirational Writings | Wordpress.com | https://theangelsecrets.wordpress.com/ |
| 7 | Mr.S S Patil | EG Videos | Youtube | https://www.youtube.com/@sumantpatil6161 |
| 8 | V Y Sonawane | Lectures on Systems in Mechanical Engineer | Youtube Google Classroom | https://www.youtube.com/@vishnusonawane2609 https://classroom.google.com/u/1/c/NTIzOTc2NjA2MjIy |

2.4 FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY

| Term One | | | | |
|----------|-----------------|--|--|--------------------------|
| S N | Name of Faculty | Title of the FDP/STTP | Organized by | Duration/ Dates |
| 1 | Dr A B Patil | One Week ISTE Approved Short Term Training Program (STTP) on “Applied Mathematics in Science and Engineering” | K JCollege of Engineering and Management Research, Pune | 22/07/2024 to 26/07/2024 |
| 2 | Dr A B Patil | Three Days STTP on “Development and Reconstruction to Empower Technical Teacher” held at NITTTR Extension Centre, Pune | NITTR, Bhopal | 12/08/2024 to 14/08/2024 |
| 3 | M.G.Ghodekar | FDP on “Machine Learning and Artificial Intelligence” | PCCOR, Ravet, Pune | 12/08/2024 to 19/08/2024 |
| 4 | M.G.Ghodekar | FDP “Problem Solving Through Programming in C” | AICTE | July-Oct 2024 |
| 5 | U.H.Wanaskar | AICTE ATAL FDP on “AI and digital technologies for sustainable health care and medical technologies” | AICTE ATAL | 25/11/2024 to 30/11/2024 |
| 6 | Merilyn D'Cruz | Successfully completed NITTTR Module 1: Orientation Towards Technical Education and Curriculum Aspects | AICTE | 2 months |
| 7 | Merilyn D'Cruz | FDP on Design Thinking and Idea Labs | PVG's College of Engineering and Technology &G.K. Pate (Wani) Institute of Mgmt., Pune | 10/06/2024 to 14/06/2024 |
| 8 | Merilyn D'Cruz | STTP on Question Paper Design for Outcome Based Curriculum | NITTTR Bhopal Extension Centre Pune | 22/07/2024 to 26/07/2024 |
| 9 | Sonal A Kothari | Successfully completed NITTTR Module 1: Orientation Towards Technical Education and Curriculum Aspects | AICTE | 2 months |
| 10 | Sonal A Kothari | STTP on Use of ICT to build capacity of technical teachers | NITTTR Bhopal Extension Centre | 24/06/2024 to 28/06/2024 |

| | | | | |
|----|--------------------|---|--|---------------------------|
| | | | Pune | |
| 11 | Sonal A Kothari | STTP on Multidisciplinary education and research | NITTTR Bhopal Extension Centre Pune | 10/06/2024 to 14/06/2024 |
| 12 | Sonal A Kothari | Successfully completed Course on create charts and dashboards using microsoft excel | Coursera | Self-Paced Course |
| 13 | Sonal A Kothari | Successfully completed Course on Introduction to microsoft excel | Coursera | Self-Paced Course |
| 14 | S.B.Patil | Attended Five Days FDP on “Construction Safety” | Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering Nashik | 28/07/2024 to 03/08/2024 |
| 15 | V S Kalyani | Attended One week FDP on Recent trends in Computing 4.0 | Vishvkarma Institute of Technology Pune | 08/07/2024 to 13/07/2024 |
| 16 | V S Kalyani | Attended faculty Orientation Workshop on Revised Engineering chemistry Syllabus NEP 2024 Pattern | Kashibai Nawale, College of Engineering Pune | 21/08/2024 |
| 17 | S G Wani | Attended faculty Orientation Workshop on Revised Engineering chemistry Syllabus NEP 2024 Pattern | Kashibai Nawale, College of Engineering Pune | 21/08/2024 |
| 19 | Dr. P. D. Baviskar | Faculty Development Program on Innovative Curricula: Aligning Higher Education with Industry Advancements | Amity School of Engineering and Technology | 04/08/2024 to 10/08/2024. |
| 20 | Dr. P. D. Baviskar | Faculty Development Program on Professional Communication skills | Sinhagad Colleg Lonavala | 04/09/2024 to 10/09/2024. |
| 21 | Dr. P. D. Baviskar | Faculty Orientation Workshop on “Engineering Chemistry of First Year Engineering [2024 Pattern] | SKNCOE, Pune | 21/08/2024 |
| 22 | Dr. P. D. Baviskar | One Week Lecture series on | Amity School | 10/07/2024 to |

| | | | | |
|----|-----------------|---|---|--------------------------|
| | | Bridging Academia and Industry: Exploring Innovations in Latest Trends and Technology | of Engineering and Technology | 22/07/2024. |
| 23 | Dr S K Upasani | Niche areas of sustainable Development ISNASD 24 | PVG's COET & GKPIOM Pune with IEEE,Energy swaraj foundation | 02/09/2024 to 06/09/2024 |
| 24 | Dr S K Upasani | STTP two weeks Research writing, funding proposal development and patent drafting | vidya vihar institute of technology purnea Bihar & RSP science coimbatore Tamil Naidu | 08/07/2024 to 20/07/2024 |
| 25 | Dr S K Upasani | ISTE approved FDP Indian knowledge Systems | Organised by Anantrao pawar college of Engineering & Research Pune | 10/06/2024 to 14/06/2024 |
| 26 | Dr S K Upasani | NEP 2020 Syllabus implementation workshop on Engineering Physics(2024 pattern) | Marathwada Mitra mandal Institute of technology Lohgaon Pune | 12/08/2024 |
| 27 | Dr. S.S.Modhave | Gen-AI and Prompt Engineering Using Microsoft Co-Pilot | D.Y. Patil Agriculture and Technical University Talsande – Maharashtra | 16/09/2024 to 20/09/2024 |
| 28 | Dr. S.S.Modhave | Machine Learning and Artificial Intelligence | PCCOE Ravet, Pune | 12/08/2024 to 19/08/2024 |
| 29 | V Y Sonawane | Basics of Mechanical Engineering - | NPTEL | Jul-Oct 2024 |
| 30 | B S Bobdey | STTP on Multidisciplinary education and research | NITTTR Bhopal Extension Centre Pune | 10/06/2024 to 14/06/2024 |
| 31 | B S Bobdey | Module 5_ Technology Enabled Learning & Life Long Self | AICTE | 2 months |

| | | | | |
|----|--------------|--|--|--------------------------|
| | | Learning | | |
| 32 | V Y Sonawane | One Week FDP on Digital Transformation in Design and Manufacturing using Autodesk Fusion | Sinhgad College of Engineering, Vadagoan, Pune | 26/08/2024 to 30/08/2024 |

| Term Two | | | | |
|----------|-----------------|--|---|---------------------------|
| S N | Name of Faculty | Title of the FDP/STTP | Organized by | Duration/ Dates |
| 1 | K G Choudhari | Advances in Engineering and Technology | VACOE, Ahilyanagar | 10/02/2025 to 14/02/2025 |
| 2. | K G Choudhari | Semiconductor Fabrication Technology | Dr D Y patil international university, Akurdi | 09/12/2024 to 14/12/2024 |
| 3. | K G Choudhari | Artificial intelligence and its application | JSPM University | 10/06/2025 to 14/06/2025 |
| 4 | M K Nikam | Advances in Engineering and PuneV Snology | VACOE, Ahilyanagar | 10/02/2025 to 14/02/2025. |
| 5 | S.B.Patil | Advances in Engineering and Technology | VACOE, Ahilyanagar | 10/02/2025 to 14/02/2025. |
| 6 | M.G.Ghodekar | FDP on “Empowering Research with Machine Learning” | NMIT | 17/03/2025 to 21/03/2025 |
| 7 | U.H.Wanaskar | FDP on “Electric Vehicle Technologies | PCCOER | 17/3/2025 to 22/03/2025 |
| 8 | O.K.Deshmukh | FDP on “AI Tools” | SAE, Kondhwa | 17/02/2025 to 21/02/2025 |
| 9 | S. G. Wani | FDP on “Advances in Engineering and Technology” | VACOE, Ahilyanagar | 10/02/2025 to 14/02/2025. |
| 10 | Merilyn D'Cruz | Successfully completed NITTTR Module 6: Student Assessment and Evaluation | AICTE | 2 months |
| 11 | Merilyn D'Cruz | Successfully completed NITTTR Module 8: Institutional Management and Administrative Procedures | AICTE | 2 months |
| 12 | Merilyn D'Cruz | One week FDP on Role of Artificial Intelligence and Automation in Civil Engineering | D Y Patil Institute of Technology | 24/03/2025 to 28/03/2025 |
| 13 | Sonal A Kothari | Successfully completed NITTTR | AICTE | 2 months |

| | | | | |
|----|--------------------|--|--|---------------------------|
| | | Module 3: Communication skills, modes and knowledge dissemination | | |
| 14 | Sonal A Kothari | Successfully completed NITTTR Module 8: Students assessment and evaluation | AICTE | 2 months |
| 15 | Sonal A Kothari | STTP on Warehouse management | NITTTR Bhopal Extension Centre Pune | 06/01/2025 to 10/01/2025 |
| 16 | Sonal A Kothari | One week FDP on Role of Artificial Intelligence and Automation in Civil Engineering | D Y Patil Institute of Technology | 24/03/2025 to 28/03/2025 |
| 17 | Bhakti A Patil | One week FDP on Innovative Tools for Educators: Generative AI and Advanced Excel Mastery | GCOERC, Nashik | 13/01/2025 to 18/01/ 2025 |
| 18 | Bhakti A Patil | One Week ATAL FDP on Decoding AI's Impact on Society | AICTE ATAL and AISSMSCOE | 06/01/2025 to 11/01/ 2025 |
| 19 | Ankita Gupta | One week FDP on Innovative Tools for Educators: Generative AI and Advanced Excel Mastery | GCOERC, Nashik | 13/01/2025 to 18/01/2025 |
| 20 | Ankita Gupta | One Week ATAL FDP on Decoding AI's Impact on Society | AICTE ATAL and AISSMSCOE | 06/01/2025 to 11/01/2025 |
| 21 | Almas Ambreen | FDP on “Semiconductor Fabrication Technology” | D. Y. Patil International University, Akurdi, Pune | 09/12/2024 to 14/12/2024 |
| 22 | Almas Ambreen | FDP on “Academic and Industry Research Opportunities, Research Grants and Publications” | Marathwada Mitra Mandal’s Institute of Technology (MMIT), Pune | 16/12/2024 to 21/12/2024 |
| 23 | Dr. P. D. Baviskar | Faculty Development Programme (FDP) on “Advances in Engineering and Technology” | VACOE, Ahilyanagar, | 10/02/2025 to 14/02/2025. |

| | | | | |
|----|------------------|---|--|--------------------------|
| 24 | Dr S K Upasani | Symposium on Emerging trends in 6 G technologies | AISSMS IOIT with IEEE | 16/12/2024 to 20/12/2024 |
| 25 | Dr. S.S. Modhave | Empowering Research with Machine Learning | Nutan Maharashtra Institute of Engineering and Technology | 17/03/2025 to 21/03/2025 |
| 26 | RMDeshmukh | Innovative Teaching Learning Practices for Engineering Education. | SND College of Maharashtra and Research center, Babhulgaon, yeola. | 20/01/2025 to 24/01/2025 |
| 27 | V Y Sonawane | One Week FDP on Advances in Engineering and Technology | Vishwabharati Academy's College of Engineering, Ahilyanagar | 10/02/2025 to 14/02/2025 |
| 28 | Dr. S.S.Modhave | Semiconductor Fabrication Technology | D Y Patil International University,A kurdi, Pune | 09/12/2024 to 14/12/2024 |
| 29 | Dr. S.S.Modhave | “Academic and Industry Research Opportunities, Research Grants and Publications” | MMIT, Pune | 16/12/2024 to 21/12/2024 |
| 30 | S G Wani | Attended One week FDP on Academic and Industry Research Opportunities and Research Grants | MMIT Pune | 16/12/2024 to 21/12/2024 |
| 31 | V S Kalyani | Attended One week FDP on Warehouse management | NITTTR Bhopal | 06/01/2025 to 10/01/2025 |
| 32 | V S Kalyani | Attended One week FDP on Academic and Industry Research Opportunities and Research Grants | MMIT Pune | 16/12/2024 to 21/12/2024 |
| 33 | U.H.Wanaskar | AICTE ATAL FDP on “Next Gen Solutions for Medical Challenges Powered by AI Based Intelligent Systems” | AICTE ATAL | 16/12/2024 to 21/12/2024 |
| 34 | U.H.Wanaskar | FDP on “Revolutionary AI: Blending Generative Power With | VIT | 16/12/2024 to 20/12/2024 |

| | | | | |
|--|--|--------------------|--|--|
| | | Learning Machines” | | |
|--|--|--------------------|--|--|

**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 | Dr A B Patil | One Day Workshop on “Engineering Mathematics I” of First Year Engineering (2024 Pattern) NEP 2020 Compliant Curriculum Structure | I2IT, Pune in association with the Board of Studies in Engineering Sciences FoST, SPPU, Pune | 10/08/2024 |
| 2 | S. G.Wani | One Day Workshop on “Engineering Chemistry” of First Year Engineering (2024 Pattern) NEP 2020 Compliant Curriculum Structure | SKNCOE, Pune in association with Board of Studies (Engineering Sciences) , SPPU | 21/08/2024 |
| 3 | Dr. V S Kalyani | One Day Workshop on “Engineering Chemistry” of First Year Engineering (2024 Pattern) NEP 2020 Compliant Curriculum Structure | SKNCOE, Pune in association with Board of Studies (Engineering Sciences), SPPU | 21/08/2024 |
| 4 | Dr. P. D. Baviskar | The comments to editors and decision recommendations | Presented by Bert Blocken Elsevier Researcher Academy | 03/10/2024 |
| 5 | Dr. P. D. Baviskar | Diversity in peer review | Presented by Sanjana Balu, Shirin Heidari | 28/12/2023 |

| | | | | |
|----|-----------------|--|--|-----------------------------|
| | | | Elsevier Researcher Academy | |
| 6 | Dr. S.S.Modhave | Engineering Chemistry of First Year Engineering [2024 Pattern] | Smt. Kashibai Navale College of Engineering, Pune | 21/08/2024 |
| 7 | Dr. S.S.Modhave | CANVA Design- Master Class | Madhu Educational Academy, AP., INDIA. | 10/08/2024 |
| 8 | Dr. S.S.Modhave | Chat GPT and AI Tools for effective Writing | A.C.T. Academy | 14/08/2024 to 15/08/2024 |
| 9 | R.M. Deshmukh | NEP 2020 Syllabus implementation for Engineering Physics (2024 Pattern) | MMIT, Pune | 12/08/2024 |
| 10 | V Y Sonawane | “Attaining Design and Engineering Excellence with Realistic MODSIM” Event. | Beacon-India | 06/08/2024 |
| 11 | V Y Sonawane | Attended syllabus revision one day Workshop SCOE for subject Engineering Graphics at SCOE Pune | SPPU Syllabus revision workshop as per NEP pattern | 10/08/2024 |
| 12 | V Y Sonawane | Attended syllabus revision one-day Workshop SCOE for subject Manufacturing Practice and workshop at PVGCOET Pune | SPPU Syllabus revision workshop as per NEP pattern | 18/08/2024 |
| 13 | V Y Sonawane | Attended syllabus revision one day Workshop SCOE for subject Design thinking Lab at PVGCOET Pune | SPPU Syllabus revision workshop as per NEP pattern | 21/08/2024 |
| 14 | V Y Sonawane | National Space Day Quiz, an initiative of Government India and Blog Competition Topic | National Space Mission for Sustainable Future of | 17/10/2024 |

| | | | | |
|----|--------------|---|---|------------|
| | | "National Space Mission for Sustainable Future of Developed India" | Developed India". | |
| 15 | V Y Sonawane | Quality Bharat Pledge Cam and Blog Writing Competition Quality Bharat for A Sustainable Future. | Quality Council of (QCI) Government of India. | 17/10/2024 |

| Term Two | | | | |
|----------|-----------------|---|---|-----------------|
| S N | Name of Faculty | Title of the Seminar/Webinar | Organized By | Duration/ Dates |
| 1 | Dr A B Patil | One Day Faculty Orientation Workshop on “Engineering Mathematics-II” of First Year Engineering (2024 Pattern) NEP 2020 Compliant Curriculum | KJEI's K J College of Engineering and Management Research, Pune - 411048 | 22/01/2025 |
| 2 | Dr A B Patil | One Day Workshop on “SE (Electrical Engineering) Syllabus Revision (2024 Pattern) as per NEP 2020” for the course - Engineering Mathematics-III | Sinhgad Institute of Technology, Lonavala in association with BOS, Electrical Engineering, SPPU, Pune | 26/04/2025 |
| 3 | Dr A B Patil | Faculty Orientation Workshop for SE (E&TC/Elex) Revised Syllabus Framing 2024 Course Under the aegis of Board of Studies Electronics & Telecommunication SPPU, Pune | Dept. of E & TC Engineering, AISSMS College of Engineering, Pune | 28/04/2025 |
| 4 | Dr A B Patil | One Day Workshop on “Syllabus Detailing - 2024 Pattern” for course of MDM205MEC Engineering Mathematics-III | Department of Mechanical Engineering, JSPM's Jayawantrao Sawant College | 06/05/2025 |

| | | | | |
|----|-----------------|---|---|------------|
| | | | of Engineering, Hadapsar in association with BOS, Mechanical and Automobile Engineering under QIP | |
| 5 | Dr A B Patil | Faculty Orientation Workshop on Revised Syllabus Framing 2024 Pattern (NEP 2020) for SE Robotics & Automation Engineering / Production Engineering / Production Engineering - Sandwich / Industrial Engineering | Dept. of Robotics & Automation Engineering, AISSMS College of Engineering, Pune under the aegis of BOS, Production and Industrial Engineering, SPPU, Pune | 29/05/2025 |
| 6 | B S Suryavanshi | One day technical workshop on “Understanding Cables & Practices” By – Ravin Group | Department of Electrical Engineering | 01/01/2025 |
| 7 | K G Choudhari | One day technical workshop on “Understanding Cables & Practices” By – Ravin Group | Department of Electrical Engineering | 01/01/2025 |
| 8 | Almas Ambreen | One day technical workshop on “Understanding Cables & Practices” By – Ravin Group | Department of Electrical Engineering | 01/01/2025 |
| 9 | Dr. SSModhave | Mastering academic writing from research paper to Ph D Thesis | ACT Academy | 19/03/2025 |
| 10 | RM Deshmukh | Quantum Computing for the Next Generation: Exploring Opportunities | Willingdon College, Sangli | 16/02/2025 |

| | | | | |
|----|--------------|---|--|------------|
| 11 | R M Deshmukh | Research Methodology: A pragmatic Review of the Diverse Methods | Bhiwapur Mahavidyalaya | 18/03/2025 |
| 12 | R M Deshmukh | Accelerating Equity in Science | IQAC, Dept of Science, Jagar arts , Commerce and Science,Goregao n Gondia | 11/02/2025 |

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 | Dr A B Patil | National Conference on “Relevance of Chhatrapati Shivaji Maharaj in the 21st Century” | Department of Communication and Journalism, Department of Philosophy, and Board of Extra- Mural Studies, SPPU, Bharat Itihas Sanshodhak Mandal, Shri Shivaji Raigad Smarak Mandal | 30/08/2024 to 31/08/2024 |
| 2 | Dr A B Patil | Two Days International Multidisciplinary Conference on “Innovations & Global Perspectives on Humanities, Commerce & Management and Science & Technology” (IGPHCMST - 2024) | IQAC, Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi under the aegis of Pradhan Mantri Uchchatar Shiksha Abhiyan (PM-USHA) | 29/11/2024 to 30/11/2024 |
| 3 | S. G. Wani | One Day International Multidisciplinary Conferenceon Various Approaches and Current Issues in | College of Education, Jalgaon | 01/09/2024 |

| Education | | | | |
|-----------|------------|--|--------------------------------|--------------------------|
| 4 | S. G. Wani | Two Days International Conference on Multidisciplinary Research in Rural, Agriculture and Industry Development | Vikramaditya College, Jabalpur | 17/11/2024 to 18/11/2024 |

| Term Two | | | | |
|----------|-----------------|---|---|--------------------------|
| S N | Name of Faculty | Title of the Conference / Symposium | Organized By | Duration/ Dates |
| 1 | Merilyn D'Cruz | International Conference on Sustainable Energy and Environment | BITS Pilani | 08/03/2025 to 10/03/2025 |
| 2 | Sonal Kothari | International Conference on Sustainable Energy and Environment | BITS Pilani | 08/03/2025 to 10/03/2025 |
| 3 | S. G. Wani | State-level conference on Recent Advances in Chemical, Biological, and Environmental Sciences | Organized by H J Thim College, Meharoon Jalgaon | 28/02/2025 |

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 | K G Choudhari | Sustainable Power Generation Systems | NPTEL | 12 Weeks |
| 2 | B S Suryavanshi | Sustainable Power Generation Systems | NPTEL | 12 Weeks |
| 3 | MGGhodekar | Problem Solving Through Programming in C | NPTEL | 12 Weeks |
| 4 | Merilyn D'Cruz | Module 1: Orientation Towards Technical Education and Curriculum Aspects | NITTTR | 8 Weeks |
| 5 | Sonal Kothari | Module 1: Orientation Towards Technical Education and Curriculum Aspects | NITTTR | 8 Weeks |
| 6 | Sonal A Kothari | Create charts and dashboards using microsoft excel | Coursera | - |

| | | | | |
|----|------------------|--|----------|----------|
| 7 | Sonal A Kothari | Introduction to microsoft excel | Coursera | - |
| 8 | V S Kalyani | Module 2: Professional Ethics and Sustainable Development | NITTTR | 8 Weeks |
| 9 | Dr. P D Baviskar | Module 1: Orientation Towards Technical Education and Curriculum Aspects | NITTTR | 8 Weeks |
| 10 | V Y Sonawane | Basics of Mechanical Engineering - | NPTEL | 12 Weeks |

| Term Two | | | | |
|----------|-----------------|--|--------------|-------------------------|
| S N | Name of Faculty | Title of the Course | Conducted By | Duration/ Dates |
| 1 | Dr A B Patil | Advanced Engineering Mathematics | NPTEL | Jan-Apr 2025 (12 weeks) |
| 2 | Merilyn D'Cruz | Module 6: Student Assessment and Evaluation | NITTTR | 8 Weeks |
| 3 | Merilyn D'Cruz | Module 8: Institutional Management and Administrative Procedures | NITTTR | 8 Weeks |
| 4 | Sonal A Kothari | Module 3: Communication skills, modes and knowledge dissemination | NITTTR | 8 Weeks |
| 5 | Shital G Wani | Module 3: Communication skills, modes and knowledge dissemination | NITTTR | 8 Weeks |
| 6 | Shital G Wani | Module 4: Instructional Planning and Delivery | NITTTR | 8 Weeks |
| 7 | Shital G Wani | Module 5: Technology Enabled Learning and Life Long Self Learning | NITTTR | 8 Weeks |
| 8 | Bhakti Patil | Module 1: Orientation Towards Technical Education and Curriculum Aspects | NITTTR | 8 Weeks |
| 9 | Bhakti Patil | Module 5: Technology Enabled Learning and Life Long Self Learning | NITTTR | 8 Weeks |
| 10 | Bhakti Patil | Module 7: Creative Problem Solving, Innovation and Meaningful R&D | NITTTR | 8 Weeks |
| 11 | Ankita Gupta | Module 1: Orientation Towards Technical Education and Curriculum | NITTTR | 8 Weeks |

| | | Aspects | | |
|----|----------------|---|--------|---------|
| 12 | Ankita Gupta | Module 5: Technology Enabled Learning and Life Long Self Learning | NITTTR | 8 Weeks |
| 13 | Ankita Gupta | Module 7: Creative Problem Solving, Innovation and Meaningful R&D | NITTTR | 8 Weeks |
| 14 | Almas Ambreen | Module 4: Instructional Planning and Delivery | NITTTR | 8 Weeks |
| 15 | Almas Ambreen | Module 5: Technology Enabled Learning and Life Long Self Learning | NITTTR | 8 Weeks |
| 16 | Almas Ambreen | Module 6: Student Assessment and Evaluation | NITTTR | 8 Weeks |
| 17 | Almas Ambreen | Module 7: Creative Problem Solving, Innovation and Meaningful R&D | NITTTR | 8 Weeks |
| 18 | Almas Ambreen | Module 8: Institutional Management and Administrative Procedures | NITTTR | 8 Weeks |
| 19 | U.H. Wanaskar | Python for data science | NPTEL | 4 Weeks |
| 20 | Dr.V S Kalyani | Module 3: Communication skills, modes and knowledge dissemination | NITTTR | 8 Weeks |
| 21 | Dr.V S Kalyani | Module 4: Instructional Planning and Delivery | NITTTR | 8 Weeks |
| 22 | Dr.V S Kalyani | Module 5: Technology Enabled Learning and Life Long Self Learning | NITTTR | 8 Weeks |

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

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

2.9 FACULTY SERVED AS RESOURCE PERSON, EXPERT, CHAIRPERSON

| Term One | | | | |
|----------|-----------------|-------------------|-----------------|------|
| S N | Name of Faculty | Title of Activity | Organizing body | Date |
| | | | | |

| | | | | |
|---|----------------|---|------------|--------------------------|
| 1 | Bhakti Patil | Lectures on Computer Competency in FE Induction Program | AISSMS COE | 10/09/2024 to 20/09/2024 |
| 2 | Ankita Gupta | Lectures on Computer Competency in FE Induction Program | AISSMS COE | 10/09/2024 to 20/09/2024 |
| 3 | Merilyn D'Cruz | Delivered lectures on Media Liasoning in FE Induction Program | AISSMS COE | 10/09/2024 to 20/09/2024 |

| Term Two | | | | |
|----------|-----------------|--|--|------------|
| S N | Name of Faculty | Title of Activity | Organizing body | Date |
| 1 | Dr A B Patil | Resource person in the One Day Workshop on “Engineering Mathematics-II” of First Year Engineering (2024 Pattern) NEP 2020 Complaint Curriculum Structure | KJEI's KJ College of Engineering and Management Research, Pune | 22/01/2025 |

Photographs of faculty contribution



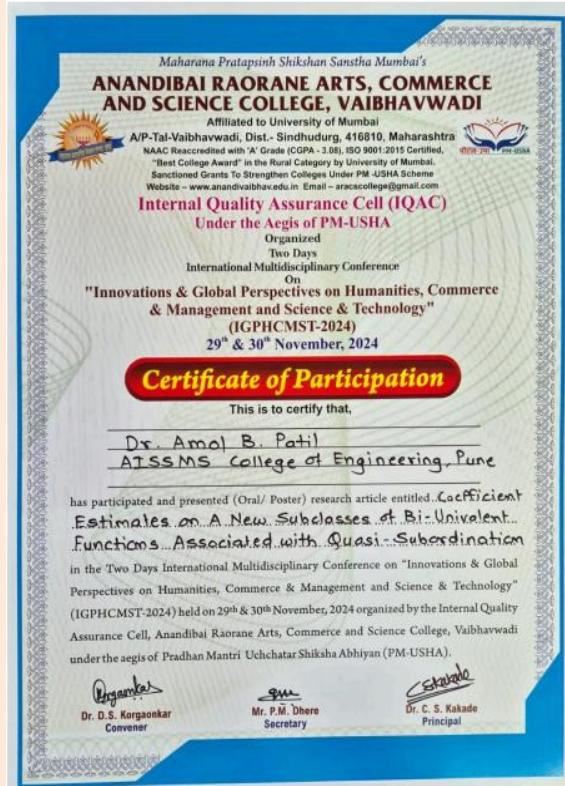
Faculty as a Resource Person



STTP Attended by Faculty



NITTTR Course Completed by Faculty



Conference attended by Faculty

3.ACTIVITIES ORGANIZED

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 | K G Choudhari B S Suryavanshi Almas Ambreen | “Revised Curriculum for Basic Electrical Engineering(2024 Pattern) ESC-102-ELE | 12/08/2024 | 80 | |
| 2 | Merilyn D'Cruz Sonal A Kothari Suvidha Patil Ajit Wakchaure | “Engineering Mechanics in context of NEP 2020” | 23/08/2024 | 150+ | |

| 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 | Bhakti Patil & Ankita Gupta | Career Guidance in Cybersecurity | 18/03/2025 | 120+ | |

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 | A B Thakare | Yoga Session by Bharatiy Yoga Sanstha | 10/09/2024 to 20/09/2024 | 432 |
| 2 | A B Thakare | Session on CPR and First Aid by Dr. Shilpa Natu | 10/09/2024 to 20/09/2024 | 380 |
| 3 | A B Thakare | Session on Human Values by Dr. Mahesh Kolte | 10/09/2024 to 20/09/2024 | 445 |
| 4 | A B Thakare | Motivational Talk by B. Sathyaprakash | 10/09/2024 to 20/09/2024 | 478 |

| | | | | |
|---|-------------|--|--------------------------------|-----|
| 5 | A B Thakare | Session on Healthcare by Dr. Vaibhav Lunkad | 10/09/2024 to 20/09/2024 | 410 |
| 6 | A B Thakare | Fire Brigade session by Mr.Kamlesh Choudhary | 20/09/2024 | 379 |

3.7 SOCIAL ACTIVITIES ORGANISED

| Term One | | | |
|---------------------|----------------------|----------------|-----------------------------|
| Faculty coordinator | Name of Activity | Date, Duration | Number of students involved |
| Dr. N N Shejwal | Yoga Day Celebration | 21/06/2024 | 75 |

| Term Two | | | |
|---------------------|------------------------------|----------------|-----------------------------|
| Faculty coordinator | Name of Activity | Date, Duration | Number of students involved |
| Dr. PD Baviskar | Students Health Checkup Camp | 05 days | All FE and DSE students |

3.8 PARENT MEETING

| Faculty Coordinator | Day and Date | Details of Parent meetings organized | Number of Parents attended |
|---------------------|--------------|--|----------------------------|
| FE Department | 28/03/2025 | First Semester result and student overall progress discussion with parents | 120 |

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

| | |
|--|-----|
| Number of students referred for counseling | NIL |
| Number of Faculty referred for counseling | NIL |

Photographs related to different activities organized

STUDENT INDUCTION PROGRAM



Social Visit to Matoshri Vridhhashram



Session on Yoga



Session on CPR and First Aid



Fire Drill Session by Fire Brigade , Pune

Industrial Visit to Shri Sant Tukaram Sahakari Sakhar Ltd., Kasarsai-Darumbre, Post –Kasarsai, Tal-Mulshi, Dist. Pune. Pin – 410 506



Kasarsai, Maharashtra, India
Jmqj+4q2, Kasarsai, Maharashtra 410506, India
Lat 18.639536° Long 73.682248°
28/11/24 10:39 AM GMT +05:30



Kasarsai, Maharashtra, India
Jmqj+4q2, Kasarsai, Maharashtra 410506, India
Lat 18.638515° Long 73.682105°
28/11/24 11:18 AM GMT +05:30



Kasarsai, Maharashtra, India
Jmqj+4q2, Kasarsai, Maharashtra 410506, India
Lat 18.638548° Long 73.682333°
28/11/24 11:16 AM GMT +05:30



Kasarsai, Maharashtra, India
Jmqj+4q2, Kasarsai, Maharashtra 410506, India
Lat 18.638575° Long 73.682186°
28/11/24 11:17 AM GMT +05:30

4. RESEARCH CONTRIBUTION

4.1 FUNDED RESEARCH PROJECTS

FUNDING RECEIVED FOR ANY OTHER ACTIVITY

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

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

4.3 PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR)

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

| TOTAL PATENTS DETAILS OF THE DEPARTMENT | | | | | |
|--|---------------------|-----------------|----------------|-----------------------------|--------------------------|
| Sr. No. | Faculty Coordinator | Title of patent | Status | | |
| | | | Date of Filing | Date of Publication / Grant | National / International |
| 1 | | | | | |

PUBLICATIONS

4.4 PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES

| Term One | | | | | | |
|-----------------|--------------|--|------|---|------------------|--|
| S. No | Authors | Document Details | Year | Conference Details | ISBN | Organized by |
| 1 | Dr A B Patil | Coefficient estimates on new subclasses of bi-univalent functions associated with quasi-subordination | 2024 | International Multidisciplinary Conference on “Innovations & Global Perspectives on Humanities, Commerce & Management and Science & Technology” (IGPHCMST - 2024) | (only presented) | IQAC, Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi under the aegis of (PM-USHA) |
| 2 | V S Kalyani | Feasibility Study Of Biodiesel Production By Transesterification Of Selected Variety Of Oils (Waste Cooking Oil) | 2024 | 4 th Hybrid National Conference on “Innovation in Engineering & Technology (NCIET- 2024) | Presented | AISSMS COE Pune |

| Term Two | | | | | | |
|----------|----------------|---|------------|--|--|-----------------|
| S. No | Authors | Document Details | Year | Conference Details | ISBN | Organized by |
| 1 | Merilyn D'Cruz | Assessing PM _{2.5} trends in India through Statistical Downscaling of GCM and Satellite Data | March 2025 | International Conference on Sustainable Energy and Environment | (publishing in process) | BITS Pilani Goa |
| 2 | Sonal Kothari | Mendha Sub-Basin,Northeast Rajasthan: Evaluating And Forcasting Ground Water Resources Using MODFLOW MODELING | March 2025 | International Conference on Sustainable Energy and Environment | (publishing in process) | BITS Pilani |
| 3 | Merilyn D'Cruz | Predicting PM _{2.5} under Climate Change: an ANN approach for Indian cities under CMIP6 Simulations | March 2025 | International Conference on Sustainable Energy and Environment | (publishing in process) | BITS Pilani Goa |
| 4 | Ankita Gupta | The Future of Energy Management: An AI Driven Intelligent Agent | April 2025 | NCIET2025 | (Presented and Paper published in Peer Reviewed Journal) | AISSMS COE |

4.5 PAPERS PUBLISHED IN JOURNALS

| Term One | | | | | | |
|-----------------|-------------------|--|---------------|--|-----------|---|
| S. No | Authors | Document Details | Year | Source Details | ISBN/ISSN | Publisher |
| 1 | Shital G. Wani | Nutritional Composition of Grand-9 Tender Banana Pseudostem Wheat Flour Biscuits | July 2024 | TANZ | 1869-7720 | https://tanzj.net/wp-content/uploads/2024/07/TJ-1699.pdf |
| 2 | Dr. P D Baviskar | Comparative analysis of Adsorption of Acetic Acid by Banana Pseudostem and Commercial wood Charcol | 2024 | IJSR | 2319-7064 | |
| 3 | Bhakti Patil | Predicting Stock Market Trends Using Deep Long Short-Term Memory | November 2024 | Journal Of Technology | 1012-3407 | Journal Of Technology |
| 4 | Ankita Gupta | Market Place for Domestic Workers in India | January 2025 | Journal Of Technology | 1012-3407 | Journal Of Technology |
| 5 | Dr. S. S. Modhave | Removal of Cr(VI) from effluent by Chemical Method | July 2024 | International Journal of Advanced and Applied Research | 2347-7075 | IJAAR |
| 6 | Dr A B Patil | Vertex | March | IJARSE | 2319- | IJARSE |

| | | | | | | |
|---|-------------|--|-------------|-------|---------------|-------|
| | | Domination in Graph Theory, Exploring Theory and Application | 2024 | | 8346 | |
| 7 | A B Thakare | Constructive Approaches for Analyzing Partial Linear Differential Operators on Finite Intervals: A Comprehensive Study | Nov 2024 | JBSAE | 1005- 0930 | JBSAE |
| 8 | A B Thakare | Constructive Framework for Analysing Partial Linear Differential Operators on Finite Intervals under Varied Boundary Conditions | Dec 2024 | JBSAE | 1005- 0930 | JBSAE |

| Term Two | | | | | | |
|----------|----------------|--|------------|--|--------------------|---|
| S. No | Authors | Document Details | Year | Source Details | ISBN / ISSN | Publisher |
| 1 | Dr A B Patil | Utilizing The Max-Flow Min-Cut Theorem: Ford-Fulkerson Algorithm for Traffic Congestion Management | 2025 | Panamerica n Mathematical Journal Vol 35 No. 2s (2025) | ISSN : 1064-9735 | https://internationalpubls.com |
| 2 | Dr A B Patil | Coefficient Estimates on a New Subclasses of Bi-Univalent Functions defined Using Opoola Differential Operator and Associated with Quasi-Subordination | 2025 | International Journal for Multidisciplinary Research (IJFMR) Volume 7, Issue 1, January-February 2025 | E-ISSN : 2582-2160 | www.ijfmr.com |
| 3 | Shital G. Wani | Organic Production and Characterization of paper from Banana Pseudostem Fiber for Ecofriendly and Concrete Benefits” | March 2025 | International Journal of Science and Research (IJSR) | 2319-7064 | www.ijsr.net |
| 4 | Shital G. Wani | Comparative | May | International | 2319- | www.ijsr.net |

| | | | | | | |
|---|-----------------|--|-----------|--|-----------|-----------------|
| | | Analysis of Adsorption of Acetic Acid by Banana Pseudostem and Wood Charcoal” International Journal of Science and Research (IJSR) | 2025 | 1 Journal of Science and Research (IJSR) | 7064 | et |
| 5 | Ankita Gupta | SERW: Hyper-Local domestic Services with ML and Incentive Design | June 2025 | JETM | 1879-1719 | JETM (Elsevier) |
| 6 | Bhakti Patil | Prediction of Stock Market Trends Using Deep Long ShortTerm Memory Networks | June 2025 | JETM | 1879-1719 | JETM (Elsevier) |
| 7 | Ankita Gupta | The Future of Energy Management: An AI Driven Intelligent Agent | May 2025 | IJIRSET | 2347-6710 | IJIRSET |
| 8 | Dr. S S Modhave | Village water survey of various parameters of different soil sample | May 2025 | JR&D | 2230-9578 | JR&D |
| 9 | Dr. N N Shejwal | Ag-modified La- | April | JSSE | 2958- | JSSE |

| | | | | | | |
|--|--|--|------|--|------|--|
| | | succinate composite as a novel electrochemical sensor for Hg ²⁺ ion detection | 2025 | | 1532 | |
|--|--|--|------|--|------|--|

4.6 BOOK / ARTICLE PUBLICATIONS

| Term One | | | | |
|---|--|--------------|------|---------|
| Author | Title of the Book | Published by | ISBN | Year |
| Engineering Physics Faculty | Laboratory Manual of Engineering Physics | AISSMSCOE | - | 2024-25 |
| Engineering Chemistry Faculty | Laboratory Manual of Engineering Chemistry | AISSMSCOE | - | 2024-25 |
| Engineering Mechanics Faculty | Laboratory Manual of Engineering Mechanics | AISSMSCOE | - | 2024-25 |
| Engineering Mathematics Faculty | Laboratory Manual of Engineering Mathematics-I | AISSMSCOE | - | 2024-25 |
| Engineering Mathematics Faculty | Laboratory Manual of Engineering Mathematics-II | AISSMSCOE | - | 2024-25 |
| Basic Electrical Engineering Faculty | Laboratory Manual of Basic Electrical Engineering | AISSMSCOE | - | 2024-25 |
| Basic Electronics Engineering Faculty | Laboratory Manual of Basic Electronics Engineering | AISSMSCOE | - | 2024-25 |
| Fundamentals of Programming Languages Faculty | Laboratory Manual of Fundamentals of Programming Languages | AISSMSCOE | - | 2024-25 |
| Programming and Problem-Solving Faculty | Laboratory Manual of Programming and Problem-Solving | AISSMSCOE | - | 2024-25 |

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

| Name of faculty | Citations | h-index | i10 index |
|--------------------|-----------|---------|-----------|
| Dr. D V Nighot | 350 | 6 | 6 |
| Dr. S K Upasani | 19 | 1 | 1 |
| Dr. N N Shejwal | 90 | 5 | 3 |
| Dr. A B Patil | 136 | 6 | 5 |
| Prof. S H Lavate | 71 | 4 | 3 |
| Dr Shalaka Virkar | 616 | 6 | 6 |
| Prof. S S Patil | 3 | 1 | 0 |
| Prof. S S Khasbage | 39 | 3 | 2 |
| Prof. B A Patil | 50 | 4 | 2 |
| Dr. P D Baviskar | 2 | 1 | 0 |
| Prof. A A Gupta | 106 | 6 | 6 |
| Dr. V S Kalyani | 106 | 6 | 3 |
| U. H. Wanaskar | 47 | 1 | 1 |
| Almas Ambreen | 4 | 2 | 0 |
| S T Gade | 1 | 1 | 0 |
| B S Suryavanshi | 6 | 1 | 0 |

Total Citations of Department: 1646

4.9 Ph.D. GUIDE DETAILS

| Name of Faculty who are PhD Supervisor | Number of Scholars Registered |
|--|-------------------------------|
| Dr. D V Nighot | - |
| Dr. A B Patil | - |

Photographs/proofs related to different activities organized under research, innovation

International Journal of Science and Research (IJSR)
ISSN: 2319-7064
Impact Factor 2024: 7.101

Organic Production and Characterization of Paper from Banana Pseudostem Fiber for Ecofriendly and Concrete Benefits

Shital Wan¹, Dipak Patil², Chetan Zope³
Sardar Vallabhbhai Patel Arts and Science College, Ainger, Dist. Jalgaon (M.S.) India
Email: shitalwanpatil@gmail.com
Sardar Vallabhbhai Patel Arts and Science College, Ainger, Dist. Jalgaon (M.S.) India

¹Yashpalika Eco Agri Products, Jalgaon, Maharashtra, India.

Abstract: In a world, increasingly conscious of sustainability and eco-friendly alternatives, banana fiber paper (BFP) has emerged as a fascinating and innovative solution. This article delves into the use of BFP, which offers countless benefits that set it apart from traditional wood pulp paper. The natural strength of banana fibers leads to a paper that makes them durable, biodegradable, eco-friendly, and usable for various applications. A study was conducted to develop organic paper from banana pseudostem fiber with negligible use of chemicals. Tensile strength analysis of banana pseudostem fiber paper clarified that a maximum peak load of 10.5 kg/cm² was obtained at a strain of 100%. The water absorption capacity of the paper was found to be 40 g/m² min. According to the observation, the average peak pressure the paper can withstand in the punch burst test is 0.548 kg/cm². The water contact angle of the paper was assessed using the sessile drop method with a Drop Shape Analyzer (DS425-KUSS GmbH). A water droplet (20 µL) was deposited onto the sample surface at ambient temperature. The contact angle was less than 90° showing the hydrophilic nature of paper as lower the contact angle higher the wettability. BFP is an eco-friendly which can be used for food packaging, preserving old documents, and printing.

Keywords: Banana fiber, cellulosic paper, tensile strength, punch burst strength, contact angle

1. Introduction

Banana is one of the important fruit crops grown in almost every state of India. Apart from fruits it generates a large quantity of biomass as waste in the form of pseudostem. Banana pseudostem can be utilized for the preparation of charcoal, the banana fiber paper etc [1]. Banana pseudostem central core flour (BPF) is rich in dietary fiber and minerals.

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Bi-Monthly
July-Aug 2024

Removal of Cr (VI) from effluent by Chemical method

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1,2,3 AISSMS, College of Engineering, Pune 411 001 (Affiliated to SPNU), India
Corresponding Author- Dr. Sujata S. Modhave
E-mail: modhavasujata0@gmail.com

Abstract: In effluent sample, identification of Cr (VI) was done by spectroscopic and volumetric methods. In spectrophotometric method used Diphenyl carbazide reagent (Volgel, 1964). In volumetric method iodometric titration was used, and when analysis of electropolating effluent was carried out the concentration of Cr (VI) was 71.70 and pH 1.51. With the help of UV-Visible spectrophotometer, concluded that effluent having Cr (VI) in dichromate form in effluent. In first step Cr (VI) is converted to Cr (III) by using FeSO₄ · 5H₂O. Throughout this process different parameters are affecting reduction reaction such as Effect dose of reducing agent, effect of pH, effect of time of reduction, effect of temperature, effect of stirring, effect of charcoal, effect of charcoal size, effect of stirring rate, etc. This reducing agents are effectively used for reduction of Cr (VI) to Cr(III). In the next step, comprehensive generalization of Cr (III) from resultant solution treated with FeSO₄ · 5H₂O reducing agent was tried by using activated charcoal. We observed that pH at which Cr (III) get completely reduced at pH 6.5 on activated charcoal as an adsorbent. In presence of activated charcoal as an adsorbent nearly 99.98 % removal was achieved without oxidation of Cr (III) to Cr (VI).

Keywords: Chromium reduction; electropolating effluents; removal

Introduction:

In daily routine we face various problems for survival; out of this environmental problem is a big issue. Which is one of the important and effective factors for the human being? Environment pollution problem is not only affected developing

get exposed to high level of chromium. Chromium inhaled get localized in lung, liver, kidney, spleen, bone marrow, cell, etc. (ATSDER; 1989). Cr(VI) act upon our body at the point of contact. This is due strong oxidizing nature of Cr(VI). Hexavalent chromium is transported to cell membrane easily

Paper Published by Faculty

Paper Published by Faculty

5. 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 | VY Sonawane and S S Patil along with all FE Faculty | Div A 68 | Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai. | 28/11/2024 |
| 2 | V Y Sonawane and S S Patil along with all FE Faculty | Div B 65 | Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai | 28/11/2024 |
| 3 | V Y Sonawane and S S Patil along with all FE Faculty | Div C 67 | Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai | 29/11/2024 |
| 4 | V Y Sonawane and S S Patil along with all FE Faculty | Div D 67 | Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai | 29/11/2024 |
| 5 | V Y Sonawane and S S Patil along with all FE Faculty | Div L 67 | Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai | 02/12/2024 |
| 6 | V Y Sonawane and S S Patil along with all FE Faculty | Div M 65 | Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai | 02/12/2024 |
| 7 | V Y Sonawane and S S Patil along with all FE Faculty | Div N 63 | Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai | 04/12/2024 |

| Term Two | | | | |
|----------|--|---------------------------------------|--|---------------|
| Sr. No. | Faculty Coordinator | Class and Number of students attended | Industry Name and Address | Date of visit |
| 1 | V Y Sonawane and S S Patil along with all FE Faculty | FE 71 | Industrial Visit at Shri Sant Tukaram Sugar Factory, Kasarsai. | 25/03/2025 |
| 2 | V Y Sonawane and S S Patil along with all FE Faculty | FE 68 | AISSMS, ITI, Boribhadak, Daund, Pune | 26/03/2025 |
| 3 | V Y Sonawane and S S Patil along with all FE Faculty | FE 69 | Katraj Dairy Pune | 27/03/2025 |
| 4 | V Y Sonawane and S S Patil along with all FE Faculty | FE 71 | Pimpri Chinchwad Science Park, Chinchwad, Pune | 28/03/2025 |

5.2 EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS

| Term Two | | | | | |
|----------|------------------------------|-------------------------------------|---|----------------------------------|------------|
| Sr. No. | Faculty Coordinator | Class (Number of students attended) | Name, Industry, designation and contact details of Expert | Topic | Date |
| 1 | Ankita Gupta Bhakti Patil | FE Div V and VI 120 students | Mr.Sanjay Bhargava | Career Guidance in Cybersecurity | 18/03/2025 |

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 |
|-----------|-----------------------|-------------------------------------|-----------------------------|
| NA | | | |

5.4 MOU SIGNED WITH INDUSTRY

| Term One | | | | |
|-----------------|------------------------------|-------------------------|--------------------|-------------------------|
| Sr. No. | Faculty Coordinator | Name of Industry | Date of MoU Signed | Valid upto (00/00/0000) |
| 1 | Dr. D V Nighot | C-MET, Pune | 07/11/2022 | 07/11/2027 |
| 2 | Bhakti Patil Ankita Gupta | Tech Amplifiers Pvt Ltd | 12/10/2022 | 12/10/2027 |
| 3 | Monika Ghodekar | NASSCOM | 01/04/2024 | 31/03/2025 |
| 4 | R S Dudhmal | Veda Edu Consultants | 03/11/2023 | 03/11/2028 |

| Term Two | | | | |
|-----------------|------------------------------|-------------------------|--------------------|-------------------------|
| Sr. No. | Faculty Coordinator | Name of Industry | Date of MoU Signed | Valid upto (00/00/0000) |
| 1 | Dr. D V Nighot | C-MET, Pune | 07/11/2022 | 07/11/2027 |
| 2 | Bhakti Patil Ankita Gupta | Tech Amplifiers Pvt Ltd | 12/10/2022 | 12/10/2027 |
| 3 | Monika Ghodekar | NASSCOM | 01/04/2024 | 31/03/2025 |
| 4 | R S Dudhmal | Veda Edu Consultants | 03/11/2023 | 03/11/2028 |

5.5 FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING

| 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 | | | |

6. STUDENTS' ACHIEVEMENTS

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) |
| Shivaji Trophy | Dr. M M Kondhare | Puru Pustode participated in Shivaji Trophy Cricket tournament | Sports |
| Shivaji Trophy | Dr. M M Kondhare | Sarthak Sadavarte participated in Shivaji Trophy Cricket tournament | Sports |
| Shivaji Trophy | Dr. M M Kondhare | Harsh Sakhare participated in Shivaji Trophy Cricket tournament | Sports |
| Shivaji Trophy | Dr. M M Kondhare | Apoorv Verma participated in Shivaji Trophy Cricket tournament | Sports |
| PACE AIT | Dr. M M Kondhare | Karan Gole participated in PACE AIT Kabaddi tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Karan Gole participated in Shahu Krida Mahotsav Kabaddi tournament | Sports |
| ZEST25 | Dr. M M Kondhare | Karan Gole participated in ZEST25 Kabaddi tournament | Sports |
| PACE AIT | Dr. M M Kondhare | Rajvardhan Panchare participated in PACE AIT Kabaddi tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Rajvardhan Panchare participated in Shahu Krida Mahotsav Kabaddi tournament | Sports |
| ZEST25 | Dr. M M Kondhare | Rajvardhan Panchare participated in ZEST25 Kabaddi tournament | Sports |
| PACE AIT | Dr. M M Kondhare | Yash Dhone participated in PACE AIT Kabaddi tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Yash Dhone participated in Shahu Krida Mahotsav Kabaddi tournament | Sports |
| ZEST25 | Dr. M M Kondhare | Yash Dhone participated in ZEST25 Kabaddi tournament | Sports |
| PACE AIT | Dr. M M Kondhare | Vinayak Raut participated in PACE AIT Kabaddi tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Vinayak Raut participated in Shahu Krida Mahotsav Kabaddi tournament | Sports |
| ZEST25 | Dr. M M Kondhare | Vinayak Raut participated in ZEST25 Kabaddi tournament | Sports |
| PACE AIT | Dr. M M Kondhare | Sarthak Akhade participated in PACE AIT Kabaddi tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Sarthak Akhade participated in Shahu Krida Mahotsav Kabaddi tournament | Sports |
| ZEST25 | Dr. M M Kondhare | Sarthak Akhade participated in ZEST25 Kabaddi tournament | Sports |
| PACE AIT | Dr. M M Kondhare | Vilas Pawale participated in PACE AIT Kabaddi tournament | Sports |
| Shahu Krida | Dr. M M Kondhare | Vilas Pawale participated in Shahu Krida | Sports |

| | | | |
|----------------------|------------------|---|------------------------|
| Mahotsav | | Mahotsav Kabaddi tournament | |
| ZEST25 | Dr. M M Kondhare | Vilas Pawale participated in ZEST25 Kabaddi tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Sushant Dhumal participated in Shahu Krida Mahotsav Kabaddi tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Sanket Mishra participated in Shahu Krida Mahotsav Kabaddi tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Aditya Pawar participated in Shahu Krida Mahotsav Kabaddi tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Anuj Mane participated in Shahu Krida Mahotsav Football tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Aryan Singh participated in Shahu Krida Mahotsav Football tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Advait Kakade participated in Shahu Krida Mahotsav Football tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Arjun Jadhav participated in Shahu Krida Mahotsav Football tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Maaz Khan participated in Shahu Krida Mahotsav Football tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Sai Babar participated in Shahu Krida Mahotsav Football tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Vedant Thorat participated in Shahu Krida Mahotsav Football tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Tejas Jape participated in Shahu Krida Mahotsav Football tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Surajdeep Patil participated in Shahu Krida Mahotsav Football tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Harshada Gokhale participated in Shahu Krida Mahotsav Volleyball tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Avishkar Dhumal participated in Shahu Krida Mahotsav Volleyball tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Ranajit Landge participated in Shahu Krida Mahotsav Volleyball tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Durgesh Deshmukh participated in Shahu Krida Mahotsav Volleyball tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Om Murkute participated in Shahu Krida Mahotsav Volleyball tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Charudatta Nagne participated in Shahu Krida Mahotsav Volleyball tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Manas Gadadhare participated in Shahu Krida Mahotsav Volleyball tournament | Sports |
| Shahu Krida Mahotsav | Dr. M M Kondhare | Om Gaikwad participated in Shahu Krida Mahotsav Volleyball tournament | Sports |
| E-Baja | Dr. A A Apte | Soham Ingawale worked as Team member | Electrical Engineering |
| E-Baja | Dr. A A Apte | Om Shelke worked as Team member | Electrical Engineering |
| E-Baja | Dr. A A Apte | Shrey Vairal worked as Team member | Electrical Engineering |

| | | | |
|-------------------|------------------|---|------------------------|
| E-Baja | Dr. A A Apte | Shrikant Shinde worked as Team member | Electrical Engineering |
| E-Baja | Dr. A A Apte | Jaywant Deshpande worked as Team member | Electrical Engineering |
| E-Baja | Dr. A A Apte | Piyush Jadhav worked as Team member | Electrical Engineering |
| Firodiya Karandak | Dr. K N Kulkarni | Vaishnavi Pokmare-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Shreeya More-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Shravani Jagtap-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Sakshi Badave-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Ruchika Mali-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Rajvardhan Ghosale-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Pranavi Jarande-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Mohit Mane-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Khushbu Brijpuria-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Himanshu Rawal-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Arnav Nikam-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Afsha Hundekar-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Aditya Wadekar-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Abhiraj Deshmukh-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Aarti Gurunath-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Varad Shelke-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Sudhendu Bhale-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Siddhant Salve-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Jai Kumar Singh-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Anushka Dhulap-Team Member | Cultural |
| Firodiya Karandak | Dr. K N Kulkarni | Gaurav Dahihande-Team Member | Cultural |
| Firodiya | Dr. K N Kulkarni | Samiksha Khatale-Team Member | Cultural |

7. SUMMARY AND SWOC ANALYSIS

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

| Sr. No. | Details |
|---------|--|
| 1 | The Department of First Year Engineering has created a consolidated website containing information (PPTs, Notes, Question Bank, Videos etc) of all subjects https://sites.google.com/aiissmscoe.com/aiissms/home?authuser=0 |

7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT

1. PBL Exhibition& Competition and cash prizes to motivate students

2. Focusing on improving the performance of weaker students
 Extra efforts by faculties for difficult subjects.

7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED

NA

7.6 SWOC ANALYSIS

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

Strengths:

| | |
|---|---|
| 1 | Experienced and Qualified Faculties |
| 2 | Effective Teaching Learning Process |
| 3 | Well Organized academic monitoring system |
| 4 | Effective Mentoring system |

Weaknesses:

| | |
|---|--|
| 1 | Less Publications and Patents |
| 2 | Inadequate Classrooms and Laboratories |
| 3 | Sparse Industry Institute Interaction |

Opportunities:

| | |
|---|--|
| 1 | To get Autonomy Institute status |
| 2 | Scope to fetch more funds for R&D projects |
| 3 | To develop e-classrooms |

Challenges

| | |
|---|---|
| 1 | Executing the Autonomy System to its maximum capacity |
| 2 | Attracting Better Quality Students at entry level |
| 3 | Improvement in the Quality of results |
| 4 | Sustaining the expectations of the stakeholders in Autonomy |

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

| | |
|---|--|
| 1 | Stick to academic calendar as per autonomy |
| 2 | Implementation of examination system |
| 3 | Usage of ERP in view of Autonomy |

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 | Department Faculty have conducted lectures, practicals, tests, assignments, viva exam (BE Project Students) and Final Exams for the students |
| Organization of different activities | Department Faculty organize various activities for the students including Seminars, Site Visits etc |
| Research and Innovation | Faculty members have published various research papers and have encouraged their students to participation in competition |
| Industry institute Interaction | Seminars, Site Visits have been conducted during the year for the development of the students |
| Students' Achievements | Arranging Expert lectures to motivate students for participation in various competitions |

SUMMARY SHEET (Annual)

| Sr No | Activity/ Item | Numbers |
|------------------------------|---|---------|
| PROFILE OF DEPARTMENT | | |
| 01 | Students in the department | 925 |
| | | |
| FACULTY CONTRIBUTION | | |
| 02 | e content developed by faculty and available online | 40 |
| 03 | Number of FDP/STTP attended by the department faculty | 66 |
| 04 | Number of Seminars/ workshops/ webinars attended by the department faculty | 27 |
| 05 | Number of Conferences/ symposiums attended by the department faculty | 07 |
| 06 | Number of Online courses / certificate courses completed by department faculty | 32 |
| 07 | Number of extension lectures / webinars (Lectures delivered on other than technical topics)) | 00 |
| 08 | Number of Faculty served as resource person, expert, chairperson | 04 |
| | | |
| ACTIVITIES ORGANISED | | |
| 09 | Number of FDP/STTP organized by the department | 00 |
| 10 | Number of Seminars/ workshops/ webinars organized by the department (for faculty) | 08 |
| 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) | 06 |
| 13 | MOU signed with academic and professional organizations | 00 |
| 14 | Number of Students' chapters /clubs | 00 |

| | | |
|----|--|------|
| 15 | Number of Social activities organized | 02 |
| 16 | Number of Parent meeting | 01 |
| 17 | Number of Alumni meet | NA |
| 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 | 06 |
| 23 | Number of Papers published in journals | 17 |
| 24 | Number of Book/ article publications | 09 |
| 25 | Total Research citations | 1646 |
| 26 | Number of ME awarded | NA |
| 27 | Number of PhD AWARDED | NA |
| | INTERACTION WITH INDUSTRY | |
| 28 | Number of Industrial visits organized | 11 |
| 29 | Number of Expert lectures delivered by industry experts | 01 |
| 30 | Number of Industry –sponsored projects (UG/PG) | 00 |
| 31 | Number of MOU signed with industry | 04 |
| 32 | Number of Faculty members undergone industrial training | 00 |
| 33 | Number of Students undergone in-plant training and (or) internship programme | NA |
| 34 | Number of students placed | NA |
| 35 | Number of students qualified in the examinations | NA |

Declaration by the Head of the Department

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



Dr. B D Bachchhav
HOD
Department of Engineering Sciences and Humanities