



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

(Accredited by NAAC with grade A+)



ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY's COLLEGE OF ENGINEERING, PUNE

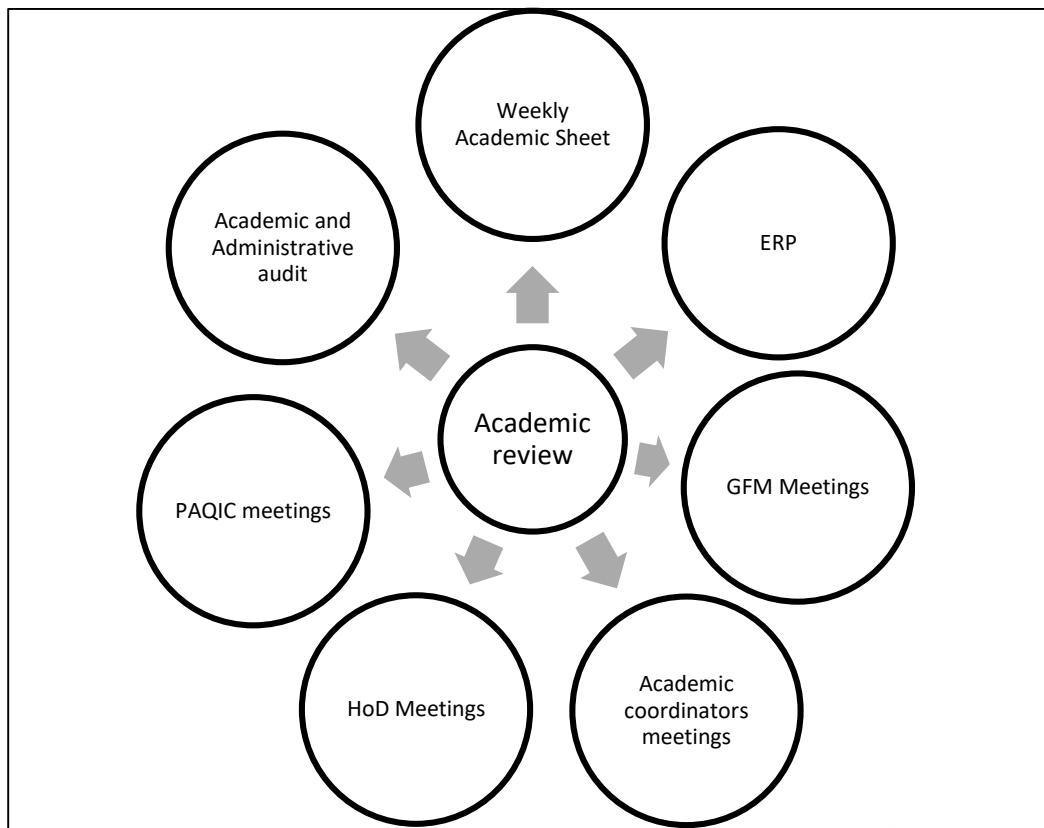
ACADEMIC REVIEW PROCESS

Academic Review Process

To ensure the delivery of high-quality technical education, an Academic Development and Monitoring Committee (ADMC) has been established at the institute level. The primary mandate of the ADMC is to formulate strategies, rules, regulations, and policies that foster an environment conducive to the teaching-learning process, as well as to ensure the effective planning and implementation of the curriculum.

Led by the Principal, the ADMC includes key members such as the Institute Academic Coordinator (IAC), Heads of all departments (HOD), and Department Academic Coordinators (DAC). This committee bears the responsibility of planning and monitoring overall academic operations, activities, procedures, and the maintenance of relevant documents and files. Collaboration with various departmental committees and coordinators is integral to achieving these objectives.

Regular reviews of academic activities are systematically conducted through mechanisms such as weekly academic Google Sheets, Enterprise Resource Planning (ERP), and General Faculty Meetings (GFM). Discussions in Head of Department (HoD) meetings, Academic Coordinators meetings, and meetings of the Planning and Quality Improvement Cell (PAQIC) are followed by comprehensive academic audits. These efforts collectively contribute to the continuous enhancement and evaluation of the academic landscape within the institute.



1. Weekly Academic Sheet Process:

On a weekly basis, the Institute Academic Coordinator (IAC) disseminates a Google Form to all faculty members through the AISSMS Google Group. This form serves as a comprehensive tool for gathering crucial information. Faculty members are required to input details such as the lectures planned, sessions conducted (including lectures, practicals, and tutorials), and the maximum and minimum number of students present during the week.

Additionally, the form captures data on attendance, ensuring that this information is updated on the Enterprise Resource Planning (ERP) system. The IAC then collates all the submitted data to generate a consolidated report. This report, encompassing key aspects of the week's academic activities, is subsequently submitted to higher authorities every Friday. This systematic process facilitates transparent documentation and regular reporting, contributing to effective academic monitoring and evaluation.

2. ERP Academic Monitoring:

The Academic Coordinator, Heads of Departments (HOD), and the General Faculty Meeting (GFM) actively oversee syllabus progress by utilizing the Enterprise Resource Planning (ERP) system on a fortnightly basis. This entails a comprehensive assessment of planned versus conducted lectures, enabling the identification of any gaps. Prompt corrective actions are then implemented to address and rectify these gaps in syllabus coverage. The ERP system is pivotal in executing various academic monitoring activities, including:

- Timetable Preparation: Creating schedules tailored to different criteria such as class, laboratory, classroom, and individual requirements.
- Teaching Plan Formulation: Developing detailed plans outlining the teaching approach and content for each course.
- Attendance Monitoring: Regular tracking of attendance on a subject-wise, class-wise, and percentage-wise basis.
- Syllabus Coverage Monitoring: Continuous assessment to ensure that the syllabus is being covered as planned.
- Parent Communication via SMS: Utilizing the ERP system to send regular updates and communications to parents.

Furthermore, the ERP system serves as a platform for gathering valuable student feedback on the teaching of each course. This feedback is collected twice per semester, with Mid-Term feedback obtained after the initial 30 to 40 days of teaching. Following Mid-Term feedback, corrective measures are promptly implemented. End-Term feedback is collected at



the conclusion of the semester, providing a holistic view of the teaching effectiveness throughout the academic term. This comprehensive approach to utilizing ERP ensures efficient academic monitoring and continuous improvement in the educational process.

3. GFM Meetings:

Each class is assigned a Guardian Faculty Member (GFM) by the Head of Department (HoD). The GFM convenes fortnightly meetings with the faculty responsible for teaching theory and practical components to the designated class. These GFM meetings serve as a platform for discussing various aspects, including:

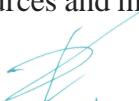
- Syllabus Coverage: Reviewing the progress of syllabus coverage in both theory and practical sessions.
- Test and Assignment Completion: Assessing the completion status of tests and assignments within the designated class.
- Activities Conducted: Discussing any extracurricular or academic activities carried out during the specified period.
- Defaulter Students Lists: Identifying and addressing students who may have defaulted in terms of attendance or academic responsibilities.
- Load Adjustment Discussions: Addressing any specific load adjustments required due to faculty leave or other circumstances.

These regular GFM meetings facilitate effective communication and coordination among faculty members, ensuring a comprehensive overview of the academic and extracurricular activities within each class.

4. Academic Coordinator Meetings:

The Institute Academic Coordinator organizes regular meetings with departmental academic coordinators to delve into various aspects of academic planning and execution. These meetings encompass discussions on:

- Planning and Execution of Internal Tests: Collaborative planning and assessment of the internal testing process within each department.
- Project/Seminar/Internship Reviews: Evaluation and coordination of reviews related to projects, seminars, and internships.
- Utilization of Academic Infrastructure: Discussion on the effective use and optimization of academic resources and infrastructure such as Lecture capture facility.



- Rescheduling of Classes: Addressing any necessary adjustments to class schedules arising from examinations or other activities.
- Co-curricular Activities: Planning and coordination of co-curricular activities to enhance the overall educational experience.

These sessions foster communication and coordination among academic coordinators, ensuring a streamlined approach to various academic endeavors within the institute.

5. Head of Department (HoD) Meetings:

Head of Department (HoD) meetings, presided over by the Principal, are scheduled every Thursday. These meetings serve as a dedicated forum for reviewing various academic aspects. Discussions include:

- Students Reporting: Updates and discussions on students' overall academic performance and progress.
- Attendance: Examination of attendance records and discussions on strategies to enhance attendance rates.
- Results: Reviewing and analyzing academic results to ensure continuous improvement in teaching methodologies.
- SMS Communication: Deliberations on the effective use of SMS for communication with stakeholders.
- Institute Academic Calendar: Planning and coordination of academic activities in alignment with the institute's academic calendar.
- Planning of Academic Audits: Discussions on the scheduling and execution of comprehensive academic audits.
- Defaulter Lists: Identifying and addressing issues related to students who may have defaulted in academic or attendance requirements.
- Students Detention: Addressing matters related to students' academic detentions and implementing corrective measures.
- Examination-related Issues: Addressing any challenges or concerns related to examinations and exploring solutions.

These HoD meetings play a crucial role in fostering communication, collaboration, and strategic planning among department heads to ensure the smooth functioning of academic operations within the institute.



6. Program Assessment and Quality Improvement Committee (PAQIC) meetings:

PAQIC meetings take place within each department with a primary focus on evaluating Course Outcomes (COs) and Program Outcomes (POs). The key agenda of these meetings is to identify any gaps in the attainment of POs and devise strategies to address them. During PAQIC meetings, various activities are planned to enhance the overall quality of education. This includes:

- Quality of Internal Question Papers: Reviewing and ensuring the high quality of internal examination question papers.
- Inputs from Module Coordinators: Evaluating and incorporating inputs from module coordinators to enhance the effectiveness of course modules.
- Addressing Gaps in PO Attainment: Assessing and addressing any shortcomings in achieving Program Outcomes.

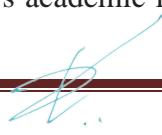
PAQIC meetings play a vital role in continuous improvement, ensuring that the department's educational goals align with established outcomes. The collaborative efforts within these meetings contribute to maintaining and enhancing the overall quality of education and assessments within the department.

7. Academic and Administrative audit:

IQAC (Internal Quality Assurance Cell) conducts academic audits annually, involving both internal and external assessments. A committee is formed, consisting of two experts from other departments and one Head of Department (HoD), to conduct internal audits. Additionally, two external experts from other institutes are included in the committee to facilitate an unbiased external audit.

During the academic and administrative audit, the committee meticulously reviews the following documents and aspects:

- i) Review of Status Report: Examination of the department's status report prepared for the updating of faculty course files.
- ii) Academic Records: Scrutiny of the academic records maintained by the department, ensuring accuracy and completeness.
- iii) Visit to Laboratories: Physical inspection and assessment of laboratories, ensuring that they meet the required standards and are conducive to effective learning.
- iv) Results of the Department: Analysis of the department's academic results, assessing the overall performance and identifying areas for improvement.



This comprehensive audit process serves as a robust mechanism for evaluating the academic and administrative dimensions, ensuring adherence to quality standards and fostering continuous enhancement within the academic environment.

Encl:

- i) Weekly Academic Sheet
- ii) ERP Academic Monitoring
- iii) GFM Meetings records
- iv) Minutes of Meetings
- v) Academic and Administrative audit records



Weekly Academic Sheet

Duration (01/08/22 to 05/08/2022)

* Indicates required question

1. Email *

2. Department *

Mark only one oval.

- CHEMICAL *Skip to question 3*
- CIVIL *Skip to question 6*
- COMPUTER *Skip to question 9*
- ELECTRICAL *Skip to question 12*
- E&TC *Skip to question 15*
- MECHANICAL *Skip to question 18*
- PRODUCTION *Skip to question 21*
- FE *Skip to question 24*

Skip to question 27

Chemical Engineering Department

A handwritten signature in blue ink, likely belonging to the college's authority, is placed next to the logo.

3. (CH) ERP ID *

Mark only one oval.

- COE-1001
- COE-1002
- COE-1003
- COE-1006
- COE-1007
- COE-1008
- COE-1009
- COE-1010
- COE-1012
- COE-1301
- COE-1308
- COE-6
- COE-8001
- COE-1311
- COE-1312
- COE-1313



4. (CH) Name of Faculty *

Mark only one oval.

- DR. P N DANGE
- DR. A S JADHAV
- DR. MAKARAND YASHAVANT NANIWADEKAR
- MR. P M WARKE
- MR. K B GANDHI
- DR. S B GHUGARE
- MS. K N BAWANKAR
- DR. A V MOHOD
- MR. PRAVIN SUDHAKAR TADKAR
- MRS. H L KAMBLE
- DR. MANJUSHA SUNIL DESHPANDE
- Dr Sanjay Pawar
- Dr Mahendra Baingne
- Dr Kirti Datir



5. Month *

Select the month of record / activities

Mark only one oval.

January

February

March

April

May

June

July

August

September

October

November

December

Skip to question 27

Civil Engineering Department



6. (CV) ERP ID *

Mark only one oval.

- COE-2002
- COE-2003
- COE-2004
- COE-2005
- COE-2006
- COE-2007
- COE-2009
- COE-2010
- COE-2011
- COE-2012
- COE-2013
- COE-2014
- COE-2015
- COE-2017
- COE-2301
- COE-2304
- COE-2323
- COE-2328
- COE-2346
- COE-2347
- COE-2348
- COE-2349
- COE-2350



7. (CV) Name of Faculty *

Mark only one oval.

- DR. UTTAM RAMCHANDRA AWARI
- DR. PRAKASH BABURAO NANGARE
- DR. RAVINDRA DADASO NALAWADE
- DR. SANJAY NAGRALE
- DR. DNYANESHWAR VASANT WADKAR
- MR. VIVEK CHAVAN
- MR. PANKAJ MODAK
- MRS. KALYANI KULKARNI
- MR. GANESH CHIKUTE
- MR. UTTAM JADHAV
- MS. SONAL CHAVAN
- DR. VIDYA NITIN PATIL
- Dr MANISHA WAGHMARE
- MR. CHETAN MISAL
- MS. MEGHA CHIWANDE
- MS. SNEHA KHEDEKAR
- DR. SURESH RAMRAJE PAREKAR
- MS. APARNA DEULKAR
- MS. KOJAGIRI DAGADU KASHID
- Mr Desai Kushal Udaysingh
- Dr S T Mali
- Mr Jogdand Rajendra
- Ms Meshram R



8. Month *

Select the month of record / activities

Mark only one oval.

January

February

March

April

May

June

July

August

September

October

November

December

Skip to question 27

Computer Engineering Department



A handwritten signature in blue ink, appearing to read 'VSSS COLLEGE OF ENGINEERING'.

9. (CO) Employee ID *

Mark only one oval.

- COE-3001
- COE-3002
- COE-3003
- COE-3005
- COE-3006
- COE-3007
- COE-3008
- COE-3009
- COE-3010
- COE-3011
- COE-3012
- COE-3013
- COE-3014
- COE-3015
- COE-3316
- COE-3324
- COE-3329
- COE-3336
- COE-3342
- COE-3343
- COE-3311
- COE-3350
- COE-3351
- COE-3352
- COE-3353
- COE-3355

A handwritten signature in blue ink is placed here, likely belonging to the college authority.

10. (CO) Name of Faculty *

Mark only one oval.

- Dr. MADHAVI AJAY PRADHAN
- Dr. DWARKOBA PANDURANG GAIKWAD
- MR. NITIN RAMESHRAO TALHAR
- MR. ANILKUMAR JAGANNATHRAO KADAM
- DR. SHABNAM FAROOK SAYYAD
- Dr. SHASHIKANT VISHWASRAO ATHAWALE
- MS. ANURADHA SHRIRAM DEOKAR
- MS. BUSHRA QUAZI
- MS. SONALI R NALAMWAR
- MS. VIDYA VASANT WAYKULE
- MR. AMOL MAHADEV JAGTAP
- Dr DIPALI MILIND UJALAMBKAR
- MR. SUMEDH GANGADHAR DHENGRE
- MS. SHIKHA PACHOULY
- MISS. MANASI MAHADEO PHADATARE
- MS. SNEHAL SAMBHANJI KOLTE
- MS. MINAL MALLIKARJUN SWAMI
- MR. SWAMIRAJ SHAHAJIRAO JADHAV
- Neha Rai
- Ms Savitri Chetan Pawar
- Ms Ritu Saheb Dhumal
- Ms Monalli Deshmukh
- Ms Vandana Vinayak Navale
- Ms Ashwini Sajjanrao Bhosale



A handwritten signature in blue ink, appearing to be "S. J. S. B." followed by a stylized surname.

11. Month *

Select the month of record / activities

Mark only one oval.

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

Skip to question 27

Electrical Engineering Department

A handwritten signature in blue ink, appearing to read "S. S. S.", is placed next to the college logo.

12. (EL) Employee ID *

Mark only one oval.

- COE-4001
- COE-4002
- COE-4003
- COE-4005
- COE-4006
- COE-4007
- COE-4008
- COE-4010
- COE-4011
- COE-4012
- COE-4327
- COE-4329
- COE-8320

13. (EL) Name of Faculty *

Mark only one oval.

- DR. ASHWINI AVINASH GODBOLE
- Mr. S K BIRADAR
- DR. MANGAL H DHEND
- Dr. AISHWARYA ASHISH APTE
- MR. LAXMAN SHIVAJI GODSE
- MS. SHWETA RAJAN LENGADE
- MR. VASUDEO SHRIKANT PONKSHE
- MRS. PADMAJA SANKALA
- MRS. VISHAKHA NITIN TARANGE
- MR. CHARUDATTA DILEEPRAO KULKARNI
- MR. RAHUL SADASHIV SHINDE
- MS. SIMEEN MUJAWAR
- Sreerekha Vadi



14. Month *

Select the month of record / activities

Mark only one oval.

- January
- February
- March
- April
- May
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- July
- August
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- October
- November
- December

Skip to question 27

E&TC Engineering Department



Type text here

15. (EX) Employee ID *

Mark only one oval.

- COE-2
- COE-5001
- COE-5002
- COE-5005
- COE-5006
- COE-5008
- COE-5009
- COE-5010
- COE-5012
- COE-5013
- COE-5015
- COE-5323
- COE-5324
- COE-5325
- COE-5328



16. (EX) Name of Faculty *

Mark only one oval.

- DR. DATTATRAYA SHANKAR BORMANE
- MRS. RAJASHRI RAHUL ITKARKAR
- MR. KAZI ASLAM YUSUF
- MRS. KIRTIMALINI BHALCHANDRA CHAUDHARI
- MR. NITIN PANDURANG MAWALE
- MR. SANTOSH BABURAO DHEKALE
- MS. VISMITA DEVIDAS NAGRALE
- DR. PRACHI PRASHANT VAST
- MS. VIDYA VIJAY DESHMUKH
- MRS. VAISHNAVI SUNIL NAVALE
- MRS. YOGITA PRADIP LAD
- MR. VIPIN BHASKARRAO GAWAI
- DR. DAULAPPA GURANNA BHALKE
- MS. SMITA ANIL TAKALKAR
- MS Payal Purushottam Tayade

A handwritten signature in blue ink, likely belonging to the college authority, is placed next to the logo.

17. Month *

Select the month of record / activities

Mark only one oval.

- January
- February
- March
- April
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- October
- November
- December

Skip to question 27

Mechanical Engineering Department

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18. (ME) ERP ID *

Mark only one oval.

- COE-6001
- COE-6003
- COE-6005
- COE-6006
- COE-6007
- COE-6008
- COE-6009
- COE-6010
- COE-6011
- COE-6012
- COE-6013
- COE-6014
- COE-6016
- COE-6018
- COE-6019
- COE-6020
- COE-6021
- COE-6027
- COE-6315
- COE-6330
- COE-6336
- COE-6337
- COE-6339
- COE-6345
- COE-6346
- COE-6352
- COE-6357
- COE-6326
- COE-6349
- COE-6355
- COE-6327
- COE-6353



- COE-7003
- COE-6360
- COE-6361
- COE-6362
- COE-6363

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19. (ME) Name of Faculty *

Mark only one oval.

- MR. SHRIKANT VASUDEO CHAITANYA
- MR. SUNIL RAMSING PATIL
- DR. AVINASH VISHWANATH WAGHMARE
- DR. CHANDRAKISHOR S CHOURHARI
- MR. PRASHANT VASANTRAO DESHMUKH
- DR. DINESH YASHWANT DHANDE
- MR. RAHUL ASHOK MARNE
- DR. SHIRISH JAYSING NAVALE
- DR. CHANDRASHEKHAR SURESH DHARANKAR
- MR. MANGESH UAMAKANT GAN
- MR. OMPRAKASH ANANDRAO MORE
- MR. PANKAJ SHANKARRAO AGLAWE
- MS. ASHVINI TANAJI THOMBARE
- MR. GOPAL PANDURANG LOHAR
- MS. MARGI J CHOKSHI
- MR. MILIND SADASHIV SWAMI
- MR. MANOJ RAMESH DAHAKE
- MR. MANOJ PRAKASH BAUSKAR
- DR. BHANUDAS D BACHCHHAV
- DR. MANGESH RAVINDRA PHATE
- MR. PRIYA SHEKHAR GAJJAL
- DR. MANISH SHESHRAO DESHMUKH
- MS. SONALI SHRIKANT PATIL
- MR. NITIN NARAYAN GOTKHINDIKAR
- Dr M M Sayyad
- MR. SANDEEP HARIBHAU WANKHADE
- Dr D S Malwad
- Mr Shahid Ali
- Ms Pranjali Thete



20. Month *

Select the month of record / activities

Mark only one oval.

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

Skip to question 27

Production Engineering Department

21. (PR) ERP ID *

Mark only one oval.

- COE-7001
- COE-7002
- COE-7003
- COE-7004
- COE-7005
- COE-7006
- COE-7007
- COE-7008
- COE-7009
- COE-7801
- COE-7802

A handwritten signature in blue ink is placed to the right of the college logo.

22. (PR) Name of Faculty *

Mark only one oval.

- MR. VISHNU YALLAPPA SONAWANE
- DR. NITIN GAJANAN SHEKAPURE
- MR. SACHIN SHRIKANT KALLURKAR
- MR. SUMEDH NILKANTH CHIWANDE
- MR. SANDIP KONDAJI BIDGAR
- MR. MOHAN LALITKUMAR CHANPUR
- MS. YOGITA K FUNDE
- MR. VEEJHAY D DHOLLE
- MR. MANDAR ARVIND KELKAR

23. Month *

Select the month of record / activities

Mark only one oval.

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

Skip to question 27

First Engineering Department



24. (PR) ERP ID *

Mark only one oval.

- COE-8002
- COE-8003
- COE-8005
- COE-8006
- COE-8009
- COE-8010
- COE-8007
- COE-8303
- COE-8351
- COE-8356
- COE-8329
- COE-8334
- COE-8343
- COE-8344
- COE-6004
- COE-2302
- COE-2305
- COE-2307
- COE-8339
- COE-2345
- COE-7253
- COE-6025
- COE-6026
- COE-5003
- COE-5004
- COE-5326
- COE-4004
- COE-4323
- COE-4315
- COE-3346
- COE-3347
- COE-3349



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- COE-2334
- COE-3324
- COE-8360
- COE-8362
- COE-8363
- COE-3322

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25. (PR) Name of Faculty *

Mark only one oval.

- Dr Mahadeo Kedari Nikam
- Dr (Mrs) Supriya Kishor Upasani
- Dr Deepak Vitthal Nighot
- Dr Nana Namdeo Shejwal
- Dr Amol Bhausaheb Patil
- Shri Avinash Bansidhar Thakare
- Dr (Mrs) Shalaka Abhimanyu Virkar
- Dr (Ms) Vrushali Shvsamb Kalyani
- Ms Sonali Arjun Jadhav
- Shri Sudhir Tukaram Surase
- Ms Mamta Suresh Nikam
- Shri Surajkumar Sanjayrao Khasbage
- Shri Sagar Tukaram Gade
- Shri Sumant Shesherao Patil
- Shri Vijay Rajaram Patil
- Ms Priti Rajendra Satarkar
- Ms Shilpi Sippi Bhuinyan
- Mrs Merilyn Albert D'Cruz
- Ms Suvidha Balwant Patil
- Ms Amruta Manmath Shete
- Shri Yogesh Ramesh Chandwade
- Shri Yogesh Balwant Karandikar
- Shri Prashant Gangaram Kokare
- Ms Bhagyashri Uttam Patil
- Shri Prafulla Raghunathrao Ahir
- Shri Vikas Vithal Kulkarni
- Ms Almas Ambreen Mohammad Anisoddin
- Mrs Bhagyashree Sudhir Suryavanshi (Bobdey)
- Shri Sudhir Purushottam Bhosale
- Ms Aradhana Shashikant Ghorpade
- Ms Sonal Sanjay Ayare
- Ms Supriya Mohan Mangalekar



- MS B A Patil
- Dr S K Dhoke
- Mr K B Kshirsagar
- Dr. Pankaj Dinesh Baviskar
- Ankita Gupta

26. Month *

Select the month of record / activities

Mark only one oval.

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

Academic activity report

27. Information regarding academic activity *

Mark only one oval.

- Academics in progress
- Insem/Endsem exam *Skip to question 61*
- Academics not started



A handwritten signature in blue ink is present on the right side of the page, appearing to be a name or a mark.

Number of theory subjects (UG)

28. Have you allotted theory subject for UG *

Mark only one oval.

yes

No *Skip to question 61*

Number of lectures Conducted for Subject 1

29. Branch *

Mark only one oval.

Chemical

Civil A

Civil B

Computer

Electrical

Computer 2nd Shift

E&TC

Mechanical A

Mechanical B

Mechanical SW

Production SW

FE

30. Class *

Mark only one oval.

SE

TE

BE

FE



31. Name of Subject *

Write short-form of the subject

32. Number of Lectures Schedule for this week as per timetable *

Mark only one oval.

1

2

3

4

5

6

0

33. No. of lectures Conducted *

Mark the number of lectures conducted in selected month & week

Mark only one oval.

1

2

3

4

5

6

7

8

0

A handwritten signature in blue ink, appearing to be the name of the student.

34. No. of units completed *

Mark only one oval.

- 1
- 2
- 3
- 4
- 5
- 6
- 0

35. Number of lectures conducted till date *

36. Number of lecture attendance filled on ERP *

37. Maximum number of students present for the lecture *

38. Minimum number of students present for the lecture *

Second subject

39. Have you second subject for UG: *

Mark only one oval.

- Yes
- No *Skip to question 61*



Number of lectures Conducted (Subject 2)

Note: If you don't have any theory load then select / write "NA"

40. Branch *

Mark only one oval.

- Chemical
- Civil A
- Civil B
- Computer
- Electrical
- Computer 2nd Shift
- E&TC
- Mechanical A
- Mechanical B
- Mechanical SW
- Production SW
- FE
- PG

41. Class *

Mark only one oval.

- SE
- TE
- BE
- FE

42. Name of Subject *

Write short-form of the subject

A handwritten signature in blue ink, likely belonging to the student or administrator, is placed here.

43. Number of Lectures Schedule for this week as per timetable *

Mark only one oval.

1

2

3

4

5

6

0

44. No. of lectures Conducted *

Mark the number of lectures conducted in selected month & week

Mark only one oval.

1

2

3

4

5

6

7

8

0



A handwritten signature in blue ink, consisting of a series of loops and strokes, is placed here.

45. Number of units completed *

Mark only one oval.

- 1
- 2
- 3
- 4
- 5
- 6
- 0

46. Number of lectures conducted till date *

47. Number of lecture attendance filled on ERP *

48. Maximum number of students present for the lecture *

49. Minimum number of students present for the lecture *

Third subject

50. Have you allotted third subject for UG *

Mark only one oval.

- Yes
- No *Skip to question 61*



Number of lectures Conducted (Subject 3)

51. Branch *

Mark only one oval.

- Chemical
- Civil A
- Civil B
- Computer
- Electrical
- Computer 2nd Shift
- E&TC
- Mechanical A
- Mechanical B
- Mechanical SW
- Production SW
- FE

52. Class *

Mark only one oval.

- SE
- TE
- BE
- FE

53. Name of Subject *

Write short-form of the subject



54. Number of Lectures Schedule for this week as per timetable *

Mark only one oval.

1

2

3

4

5

6

0

55. No. of lectures Conducted *

Mark the number of lectures conducted in selected month & week

Mark only one oval.

1

2

3

4

5

6

0



A handwritten signature in blue ink, appearing to be 'S. S. S.' followed by a date '10/10/2018'.

56. Number of units completed *

Mark only one oval.

- 1
- 2
- 3
- 4
- 5
- 6
- 0

57. Number of lectures conducted till date *

58. Number of lecture attendance filled on ERP *

59. Maximum number of students present for the lecture *

60. Minimum number of students present for the lecture *

Skip to question 61

Theory subjects for PG

61. Have you allotted theory for PG. *

Mark only one oval.

- Yes
- No

Skip to question 75



[Skip to question 75](#)

Academic activity report

62. Information regarding academic activity *

Mark only one oval.

- Academics in progress
- Insem/Endsem exam [Skip to question 75](#)
- Academics not started [Skip to question 75](#)

[Skip to question 28](#)

Number of Theory subjects for PG

63. Theory subjects allotted (PG) *

Mark only one oval.

- 1
- 2

Theory subject (PG)

64. Name of the subject: *

65. Lectures per week as per curriculum: *

Mark only one oval.

- 3
- 4
- 5



Type text here

66. Number of lectures conducted *

Mark only one oval.

- 1
- 2
- 3
- 4
- 5
- 0

67. Maximum number of students present for the lecture *

68. Minimum number of students present for the lecture *

Second subject

69. Have you allotted second subject for PG

Mark only one oval.

- Yes
- No *Skip to question 75*

Skip to question 75

Theory subjects (02)

70. Name of theory subject 2 *

A handwritten signature in blue ink is placed here, likely belonging to the college authority.

71. Number of Lectures as per curriculum for theory subject 2 *

Mark only one oval.

3

4

5

72. Number of lectures conducted *

Mark only one oval.

1

2

3

4

5

0

73. Maximum number of students present for the lecture *

74. Minimum number of students present for the lecture *

Number of Practicals Conducted

75. Are you conducting Practicals? *

Mark only one oval.

Yes *Skip to question 76*

No *Skip to question 94*

Number of Practicals Conducted: Subject 1:

A handwritten signature in blue ink is present in the bottom right corner of the page.

76. Branch *

Mark only one oval.

- Chemical
- Civil A
- Civil B
- Computer
- Electrical
- Computer 2nd Shift
- E&TC
- Mechanical A
- Mechanical B
- Mechanical SW
- Production SW
- FE

77. Class *

Mark only one oval.

- SE
- TE
- BE
- ME
- FE



78. Name of Subject *

79. Number of batches for the subject *

Mark only one oval.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

80. Total number of practicals conducted in this week *

Mark only one oval.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0

81. Are you conducting practicals for second subject *

Mark only one oval.

- Yes
- No *Skip to question 94*



Number of Practicals Conducted: Subject 2:

82. Branch *

Mark only one oval.

- Chemical
- Civil A
- Civil B
- Computer
- Electrical
- Computer 2nd Shift
- E&TC
- Mechanical A
- Mechanical B
- Mechanical SW
- Production SW
- FE

83. Class *

Mark only one oval.

- SE
- TE
- BE
- ME
- FE

84. Name of Subject *



A handwritten signature in blue ink, likely belonging to the college authority, is placed here.

85. Number of batches for the subject *

Mark only one oval.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

86. Total number of practicals conducted in this week *

Mark only one oval.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0

A handwritten signature in blue ink, consisting of a stylized 'S' and other cursive strokes, is placed here.

87. Term work consists of *

Tick all that apply.

- Performing practicals
- Assignments
- Sheets
- Virtual labs
- Activity

88. Are you conducting practical for third subject *

Mark only one oval.

- Yes
- No *Skip to question 94*

Number of Practicals Conducted: Subject 3:

89. Branch *

Tick all that apply.

- Chemical
- Civil A
- Civil B
- Computer
- Electrical
- Computer 2nd Shift
- E&TC
- Mechanical A
- Mechanical B
- Mechanical SW
- Production SW
- FE



A handwritten signature in blue ink is placed here, likely belonging to the student or a representative.

90. Class *

Tick all that apply.

- SE
- TE
- BE
- ME
- FE

91. Name of Subject *

92. Number of batches for the subject *

Mark only one oval.

- 1
- 2
- 3
- 4
- 5

93. Term work consists of *

Tick all that apply.

- Performing practicals
- Assignments
- Sheets
- Virtual labs
- Activity

Tutorial

A handwritten signature in black ink is placed here, likely belonging to the college authority.

94. Are you conducting tutorials? *

Mark only one oval.

Yes

No

Tutorials

95. Name of the subject *

96. Number of batches for the subject *

Mark only one oval.

1

2

3

4

5

6

7

8



97. Total number of tutorials conducted in this week *

Mark only one oval.

1

2

3

4

5

6

7

8

9

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www.aiissmscoe.com

TEACHING PLAN (TP)

NAME OF FACULTY : DR. BHANUDAS D BACHCHHAV,

COURSE AND CODE : Mechanical Engineering-MECH

SEMESTER : SEMESTER 5

SUBJECT NAME: MACHINING SCIENCE AND TECHNOLOGY-MST

SUBJECT CODE : 302045-B

DIVISION : B

| Lect No. | Contents to be Covered | Content Delivery Methods(CDM) used | COs Mapping to the Contents | Proposed Date | Conducted Date | Remarks |
|----------|--|---|-----------------------------|---------------|----------------|---------|
| 1 | Introduction to subject | Discussion with students | | 18/07/2022 | 18/07/2022 | |
| 2 | Introduction to metal cutting, | Lecture with interaction | CO1 | 19/07/2022 | 19/07/2022 | |
| 3 | Elements of machining process, Geometry of single-point cutting tool | Lecture with interaction | CO1 | 21/07/2022 | 21/07/2022 | |
| 4 | Chip formation | Lecture with interaction,Demonstration(throughModels,chart,videos etc.) | CO1 | 25/07/2022 | 26/07/2022 | |
| 5 | Process parameters and their effect on machining | Lecture with interaction | CO1 | 26/07/2022 | 28/07/2022 | |
| 6 | Merchant's Circle of forces analysis – forces and energy calculations | Lecture with interaction | CO1 | 29/07/2022 | 01/08/2022 | |
| 7 | MRR- Effect of Cutting variables on forces | Lecture with interaction | CO1 | 01/08/2022 | 02/08/2022 | |
| 8 | Tool Life, Tool life equation of Taylor, Tool wear and its types, Factors affecting on tool life | Lecture with interaction | CO1 | 02/08/2022 | 04/08/2022 | |
| 9 | Machinability- Factors affecting machinability, Machinability Index | Lecture with interaction | CO1 | 04/08/2022 | 11/08/2022 | |
| 10 | Methods of gear manufacturing | Lecture with interaction,Demonstration(throughModels,chart,videos etc.) | CO2 | 08/08/2022 | 18/08/2022 | |
| 11 | Gear Shaping and Gear hobbling | Lecture with interaction | CO2 | 11/08/2022 | 22/08/2022 | |
| 12 | Milling of gears: Indexing Mechanism | Lecture with interaction | CO2 | 18/08/2022 | 29/08/2022 | |
| 13 | Numerical on Indexing | Lecture with interaction | CO2 | 22/08/2022 | 30/08/2022 | |
| 14 | methods of thread manufacturing | Lecture with interaction | CO2 | 23/08/2022 | 23/08/2022 | |
| 15 | Thread milling, Thread grinding | Lecture with interaction,Demonstration(throughModels,chart,videos etc.) | CO2 | 25/08/2022 | 01/09/2022 | |
| 16 | Types and Operations of grinding machines | Lecture with interaction | CO3 | 29/08/2022 | 05/09/2022 | |
| 17 | Grinding wheel- Shapes, Designation and selection | Lecture with interaction | CO3 | 30/08/2022 | 06/09/2022 | |
| 18 | Abrasives & classification, Bond & bonding, Grit, Grade & Structure of wheels | Lecture with interaction | CO3 | 01/09/2022 | 08/09/2022 | |
| 19 | Glazing and loading, Dressing & Truing of grinding wheels | Lecture with interaction | CO3 | 05/09/2022 | 12/09/2022 | |
| 20 | Mounting & Balancing of wheels | Lecture with interaction | CO3 | 06/09/2022 | 12/09/2022 | |
| 21 | Super-finishing processes | Lecture with interaction | CO3 | 08/09/2022 | 13/09/2022 | |
| 22 | Significance and purpose of jigs and fixtures | Lecture with interaction | CO4 | 12/09/2022 | 16/09/2022 | |



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| Lect No. | Contents to be Covered | Content Delivery Methods(CDM) used | COs Mapping to the Contents | Proposed Date | Conducted Date | Remarks |
|----------|---|---|-----------------------------|---------------|----------------|---------|
| 23 | Concept of degree of freedom, 3-2-1 principle of location | Lecture with interaction | CO4 | 13/09/2022 | 19/09/2022 | |
| 24 | General guidelines to design jigs and fixtures | Lecture with interaction | CO4 | 15/09/2022 | 20/09/2022 | |
| 25 | Elements of jig with the types | Lecture with interaction | CO4 | 19/09/2022 | 20/09/2022 | |
| 26 | Principles of Locating and clamping | Lecture with interaction | CO4 | 20/09/2022 | 22/09/2022 | |
| 27 | Channel jig, Template jig, Plate jig, Angle plate jig, | Lecture with interaction, Demonstration(through Models, chart, videos etc.) | CO4 | 22/09/2022 | 26/09/2022 | |
| 28 | Turn over jig, Box jig, Latch type jig. | Lecture with interaction | CO4 | 26/09/2022 | 27/09/2022 | |
| 29 | Elements of fixtures | Lecture with interaction | CO4 | 27/09/2022 | 27/09/2022 | |
| 30 | turning fixture, welding fixture, Milling fixture | Lecture with interaction | CO4 | 29/09/2022 | 29/09/2022 | |
| 31 | Methods of process planning | Lecture with interaction | CO5 | 03/10/2022 | 11/10/2022 | |
| 32 | Steps in process selection | Lecture with interaction | CO5 | 04/10/2022 | 13/10/2022 | |
| 33 | Production equipment and tooling selection | Lecture with interaction | CO5 | 06/10/2022 | 17/10/2022 | |
| 34 | Process parameters calculation for various production processes | Lecture with interaction | CO5 | 10/10/2022 | 31/10/2022 | |
| 35 | CNC Introduction and Part Programming | Lecture with interaction | CO6 | 11/10/2022 | 01/11/2022 | |
| 36 | CNC Programming | Lecture with interaction | CO6 | 13/10/2022 | 03/11/2022 | |

**FACULTY : DR. BHANUDAS D
BACHCHHAV,**

HoD - Dr. S. V. Chaitanya

ACADEMIC COORDINATOR :





Minutes of HOD Meeting

Date: 17/04/2023

An exclusive meeting was called to discuss on academic results of Term-I, AY 2022-23, April 17, 2023, at 02:30 PM in conference hall. Following members were present for the meeting:

| SN | Name | SN | Name |
|----|------------------|----|--------------------|
| 1 | Dr A A Godbole | 2 | Dr S F Sayyad |
| 3 | Dr P B Nangare | 4 | Dr S V Chaitanya |
| 5 | Dr S B Dhone | 6 | Mr S S Kallurkar |
| 7 | Dr M K Nikam | 8 | Dr B D Bachchhay |
| 9 | Dr C S Choudhari | 10 | Dr M Y Naniwadikar |
| 11 | Dr M R Phate | | |

Following points were discussed and decisions were taken:

1) A brainstorming session on causes of poor results was held. Following reasons were discussed by the HoDs, Academic Coordinator and IQAC:

- This is an impact of COVID 19 Pandemic and online mode of teaching to some extent. Students are not cleared their fundamentals particularly in mathematical subjects and problem solving ability is deprived.
- Quality of incoming students to Civil, Mechanical, Production branches is not so good as compared to Computer, E&TC and Electrical students.
- Students are having less practice of writing answers in stipulated time.
- Note taking ability in class is not so good.
- Attendance in class is very poor.
- Students are less attentive in class.
- 100 % syllabus coverage for Unit III to VI is required. Any one unit is not taught completely will likely to hamper end sem results.
- Major reason is due to University examination and academic schedule, those student have to appear for FE backlog examination are given SE Insem examination without any preparation time.



- Students participating in cultural, sports, extra-curricular activities and Co-curricular activities are getting less time for preparation. A policy need to be framed for this.

2) Based on suggestions received following remedial actions are to be taken in order to improve results in coming academic session:

- Mentors to play a crucial role and conduct a meeting with the students who are having backlog subjects. Give phone calls to parents regarding students' attendance and academic results. Mentors to ask students to make their own time-table about the studies.
- SMS are to be send to parents regarding non-satisfactory performance of their ward through ERP.
- It is mandatory to complete remaining 4 Units with 100 % syllabus coverage.
- Use of blackboard is mandatory for mathematical subjects. Mathematical subjects shall not be taught using PPTs. More focus on numerical solving to be given.
- Extra-lectures/crash course to be planned for backlog subject during 1st to 20th May 2023.
- Class tests are to be taken very seriously by students. It has to be made mandatory. Students are absent in class tests to solve complete question paper with options and submit to concern teacher within stipulated time. Subject teacher to set Question Paper of Class Tests considering high probability of asking the questions in End sem Examination.
- Students must attend 100% classes in coming 30-45 days.
- Question bank to be provided by every faculty members.
- Make a group of 5 students. Encourage Peer-to-peer learning in free time by the students.
- Few activities are too curtailed expect Expert talk and Industry visits till semester end and more focus is to be given on academics. Any activity to should be planned preferably after 3:00 PM.
- In-sem result to be told to students immediately after uploading on university intmarks portal and make aware of their performance in a particular subject.
- Doubt clearing sessions/slots to be given by each department. Students to approach faculty members in that allotted time.
- Students to improve their note taking skills
- Expectations of examiners regarding depth and width of answer on each topic are to be discussed in class.
- Extra classes for backlog students to be conducted during 1-20 May 2023. Time table to be communicated to Institute Academic Coordinator.





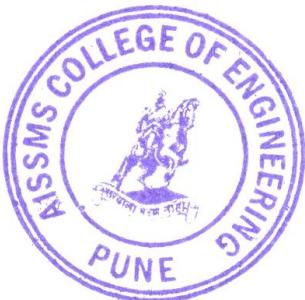
- TW, Assignments to be given well before and assessed continuously.
- Felicitation of Toppers to be done in the department on regular basis.
- Encourage peer to peer learning through class study circle activity. IQAC will conduct a meeting of class study circle members.
- HoDs to monitor above activities with the help of Department Academic Coordinator.

Meeting was ended with vote of thanks.

Dr D S Bormane

Principal

Copy to: Principal office, All HoDs



12/15/23

A meeting of academic coordinators is scheduled on 12/15/23 at 3 PM. following members were present.

S B Dhekale

Sally.

V K Funde

DHITI

Dr. P S Gejyal

PT

AS Deodre

AS

Dr. M K Nekam -

G

P S Teacher

N

C. S. Misal

CG

Dr B D Bachhkar

BDB

following points were discussed:-

- Class test-III for TE & BE rescheduling.
- Class test-II of SE rescheduling.
- Discussion on Project exhibition was held.
- Probable schedule for TW/ox/pr was held.



2023-24 Term-I

31/7/2023

A meeting of department academic co-ordinators is scheduled on 31/7/2023 at 3:30 pm in Mechanical conference room. following members were present,

Dr B D Bachhkar Prm

P S Tadkar Prm

K N Kulkarni 100el

S K Bindar Pr

Dr. D. P. Gaikwad - Prm d

S B Dhekale - Prm d

V K Funde - Prm d

Following members were absent:- 1) Dr P S Gajjar,

2) Dr M K Nilam

Following points were discussed.

- Discussed about status of reporting and non reporting students.
- Every department should collect undertaking form from the students.
- Make up lectures:- For late reported students make up lectures should be arranged from 3 to 4 PM. after 6th August 2023
- Discussed about ERP updates.
- Discussed about project guidelines
- Discussed about GPM meeting.
- Discussed about prerequisite test.
- Syllabus for Assignment Unit based

Assignment 2:- unit 2 & 4 20 marks

Each unit will carry 10 marks

- Assignment 4:- unit III, IV, V & VI → 40 marks

Each unit will carry 10 marks]





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DEPARTMENT OF Mechanical ENGINEERING

GFM MEETING

| | | | |
|----------------------|----------------|-----------------|------------|
| Academic Year | 2022-23 | Term | I/II |
| Class | FE/SE/TE/BE | Division | A/B✓ |
| Name of GFM | Ms. P. R. Tete | Date of Meeting | 03/02/2023 |
| Total Class strength | | Meeting Number | 1 |

1. Syllabus coverage (Theory)

| S N | Subject | Name of teacher | No. of lectures | | Units completed | | % of syllabus covered |
|-----|---------|--------------------|-----------------|-----------------------|-----------------|-----|-----------------------|
| | | | Planned (Total) | Conducted (Till date) | | | |
| 1 | CIM | Dr. S.H. Monkhadé | 45 | 04 | 0.5 | 10% | |
| 2 | EE | Dr. C.S. Choudhary | 45 | 03 | 0.4 | 10% | |
| 3 | QRE | Dr. B.P. Bachhav | 45 | 04 | 0.5 | 10% | |
| 4 | EAM | Dr. M.S. Deshmukh | 45 | 04 | 0.5 | 10% | |
| 5 | EHV | Dr. P.S. Goyal | 45 | 03 | 0.4 | 10% | |
| 6 | RET | Ms. P.R. Tete | 45 | 04 | 0.5 | 10% | |
| 7 | | | | | | | |

2. Syllabus coverage (Practical)

| S N | Practical | Name of teacher | No. of Practical | | | | | | | | Usage of V-Lab (Till date) | |
|-----|-----------|-----------------|------------------|----|----|---|-----------------------|---|---|---|----------------------------|---|
| | | | Planned (Total) | | | | Conducted (Till date) | | | | | |
| | | | A | B | C | D | A | B | C | D | A | |
| 1 | MSAL | M.P. Shah | 11 | - | 11 | - | 1 | 1 | 1 | 1 | - | - |
| 2 | MSAL | A.T. Thombare | 11 | 11 | 11 | - | 1 | 1 | 1 | 1 | - | 1 |
| 3 | PCIM | MSS | | | 12 | | | 2 | | | | 1 |
| 4 | CIM | CNG | 12 | - | - | - | 3 | - | - | - | - | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |

3. Alternate arrangements (If any) for Lecture/Practical

| Name of staff | Subject | Alternate staff | Reason |
|---------------|---------|-----------------|--------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |



4. Test & Assignments completed till date

5. Any other activity conducted for entire class (E.g. Industry visit/Expert talk/Webinar/Quiz/Mid term-End term feedback/Project review/Seminar/Exhibition/remedial class etc.)

| Name of Coordinator | Subject | Activity type | Date | Number of students attended | Activity Feedback taken (Y/N) |
|---------------------|---------|---------------|------|-----------------------------|-------------------------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

6. Display of list of students having less than 75 % attendance (ERP) fortnightly : (Y/N)

7. Any other point for discussion/action taken for students having less attendance/not reported:

1. *What is the relationship between the two main characters?*

Following faculty members attended the meeting:

| Name of Faculty | Sign | Name of Faculty | Sign |
|-----------------|------------|-----------------|------|
| Dr B D Bachhkar | <u>BB</u> | | |
| M P Shinde | <u>MP</u> | | |
| A T Thombare | <u>AT</u> | | |
| PSU | <u>PSU</u> | | |
| MSS | <u>MSS</u> | | |

GFM
Name & Sign

Ms. P. R. Tete

Dept. Academic Coordinator
Name & Sign

Dr P Seagal



11



INTERNAL QUALITY ASSURANCE CELL

Date: 02/11/2023

Subject: Schedule for AAA 2022-23 report checking and verification of supporting documents

For checking of AAA 2022-23 reports and for verifying all the details expected and mentioned in the audit report, committee comprising of Dr C S Choudhari, IQAC Coordinator and Dr B D Bachchhav, Institute academic coordinator will be visiting to the departments as per the following schedule.

| SN | Department | Day | Time |
|----|------------------------|-----------------------|----------------------|
| 1 | Electrical Engineering | Day One 06/11/2023 | 8.30 AM to 10.30 AM |
| 2 | Computer Engineering | | 10.30 AM to 12.30 PM |
| 3 | E & TC Engineering | | 1.0 PM to 3.00 PM |
| 4 | First Year Engineering | | 03.00 PM to 05.00 PM |
| 5 | Mechanical Engineering | Day Two 07/11/2023 | 8.30 AM to 10.30 AM |
| 6 | Civil Engineering | | 10.30 AM to 12.30 PM |
| 7 | Production Engineering | | 1.0 PM to 3.00 PM |
| 8 | Chemical Engineering | | 03.00 PM to 05.00 PM |

Departments should keep all the required details ready for verification. Audit report should comprise of all the enclosures mentioned in the audit report format along with observation sheets of internal and external panel members.

Dr. C S Choudhari
Coordinator, IQAC



Dr. D S Bormane
Principal



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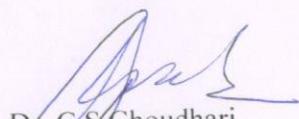


INTERNAL QUALITY ASSURANCE CELL

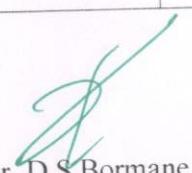
Committees for External Academic and Administrative Audit (AAA) (A.Y. 2022 – 23)

| Chemical Engineering | Civil Engineering | Computer Engineering | Electrical Engineering | ENTC Engineering | Mechanical Engineering | Production Engineering / Robotics and Automation | First Year Engineering |
|----------------------|-------------------|-----------------------|------------------------|-----------------------|------------------------|--|------------------------|
| Principal | Principal | Principal | Principal | Principal | Principal | Principal | Principal |
| Dr.Babadhe A M | Dr.Babadhe A M | Dr. P P Bartakke | Dr. P P Bartakke | Dr. P P Bartakke | Dr.Babadhe A M | Dr.Babadhe A M | Dr. P P Bartakke |
| Dr. Hemant Joshi | Dr. Hemant Joshi | Dr. Parikshit Mahalle | Dr. Parikshit Mahalle | Dr. Parikshit Mahalle | Dr. Hemant Joshi | Dr. Hemant Joshi | Dr. Parikshit Mahalle |
| Dr. Trupti Chitre | Dr. Trupti Chitre | DR. Mrinalini Damle | DR. Mrinalini Damle | DR. Mrinalini Damle | Dr. Trupti Chitre | Dr. Trupti Chitre | DR. Mrinalini Damle |
| Dr P B Nangare | Dr S V Athawale | Dr N G Shekapure | Dr S B Dhone | Dr D V Nighot | Dr. (Mrs) A A Godbole | Dr M Y Naniwadekar | Dr S H Wankhade |
| Dr D Y Dhande | Dr K B Chaudhari | Dr V N Patil | Dr. B D Bachchhav | Dr S F Sayyad | Mr N P Mawale | Dr P S Gajjal | Dr S R Parekar |
| HoD | HoD | HoD | HoD | HoD | HoD | HoD | HoD |

❖ Head of Department of host department will be the coordinator of academic and administrative audit of the concerned department.


Dr. C S Choudhari
Coordinator, IQAC




Dr. D S Bormane
Principal

**COLLEGE OF ENGINEERING**

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 Affiliated to Savitribai Phule Pune University and recognized 2(f) and 12(B) by UGC
 (Id.No. PU / PN/ Engg. / 093 (1992)
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INTERNAL QUALITY ASSURANCE CELL**DEPARTMENT OF E&TC ENGINEERING****ACADEMIC AUDIT BY PAQIC (2022– 2023)****COURSE FILE (PART B)**

| Sr. No. | Details | Name of Faculty | Name of Faculty | Name of Faculty | Name of Faculty | Name of Faculty | Name of Faculty | PPT |
|---------|--|------------------|--------------------|------------------|------------------|-------------------|------------------|-------------|
| | | VSN | VSN | PPN | PPN | NDN | VSN | AJP |
| | | BC SE - Sem I | PCS (SE) Sem-II | EC TE - Sem-I | CN TE - Sem I | DBM TE - Sem I | PM TE - Sem I | TE - Sem II |
| | | (Y/N) | (Y/N) | (Y/N) | (Y/N) | (Y/N) | (Y/N) | |
| 1 | College Academic Calendar, Department Academic Calendar | Y | Y | Y | Y | Y | Y | Y |
| 2 | Class Time Table, Individual Time Table | Y | Y | Y | Y | Y | Y | Y |
| 3 | Teaching Plan | Y | Y | Y | Y | Y | Y | Y |
| 4 | List of Course Outcomes (CO) | Y | Y | Y | Y | Y | Y | Y |
| 5 | CO-PO mapping, CO-PSO mapping | Y | Y | Y | Y | Y | Y | Y |
| 6 | CO Assessment Tools and weight age | Y | Y | Y | Y | Y | Y | Y |
| 7 | CO-PO-PSO attainment record | Y | Y | Y | Y | Y | Y | Y |



| | | | | | | | | | | |
|----|--|---|---|---|---|---|---|---|---|---|
| 9 | Unit test papers (with CO) along with marking scheme and solution, sample answer papers (Best and average) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10 | Attendance Record | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 11 | Continuous Assessment sheet | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 11 | Make up/ Remedial Lectures record | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 12 | Defaulter Lists | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 13 | Last three year Subject Results | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14 | Report of Guest Lectures | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 15 | Report of Industry Visits | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 16 | Reports of Student centric methods used to teach the course | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 17 | Students feedback | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 18 | Report of activities conducted for enhancement of course teaching | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 19 | Course end Survey | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 20 | Feedback for syllabus revision from stakeholders (Feedback/Analysis/ Action taken report) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Sonavale

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| | | |
|--|--|--|
| (Name and Signature) Module coordinator | (Name and Signature) Academic Coordinator | (Name and Signature) Head of Department |
|--|--|--|

M.B.T.K.Punale



Class : SE A

Term : 10/08/2023 - 04/12/2023

| Sr. No. | Name of Faculty | Subject | No. of lecture/Practical Allotted | | No. of lecture/Practical Conducted | | Availability till 04.12.2023 | | No of Extra Lecture/Practical required | | Percentage of Syllabus Covered | | Sign |
|--------------|------------------|---|-----------------------------------|-----------|------------------------------------|-----------|------------------------------|-----------|--|-----------|--------------------------------|-----------|------|
| | | | Theory | Practical | Theory | Practical | Theory | Practical | Theory | Practical | Theory | Practical | |
| 1 | C S Misal | Building Technology Architecture of Planning | 36 | 24 | 22 | 12 | 14 | 12 | — | — | 55% | 50% | AG |
| 2 | S A Chavan | Mechanics of Structure | 36 | 24 | 23 | 10 | 13 | 14 | — | — | 50% | 65% | SC |
| 3 | Dr. S K Nalawade | Fluid Mechanics | 42 | — | 16 | — | 18 | — | — | — | 50% | — | AM |
| 4 | M Gauratra | Engineering Maths III | 36 | 36 | 23 | 21 | 13 | 15 | No | No | 40% | 40% | AM |
| 5 | C Travya | Engineering Geology | 36 | 36 | 18 | 22 | 12 | 10 | — | — | 40% | 40% | AM |
| 6 | Dr V S Chavhan | Fluid Mechanics | NOT | Submitted | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| Class : SE B | | | | | | | | | | | | | |
| 1 | S P Khedekar | Building Technology Architecture of Planning | 36 | 24 | 23 | 16 | 14 | 12 | — | — | 60 | 60 | AM |
| 2 | Dr. S R Parekar | Mechanics of Structure | 36 | — | 25 | — | 15 | — | 03 | — | 55% | — | SRP |
| 3 | Dr. P B Nangare | Fluid Mechanics | 42 | 11 | 23 | 08 | 19 | 03 | — | — | 50% | 75% | AM |
| 4 | M Gauratra | Engineering Maths III | 36 | 36 | 25 | 15 | 11 | 21 | No | No | 40% | 40% | AM |
| 5 | C Travya | Engineering Geology | 36 | 36 | 17 | 14 | 18 | 18 | 5 | No | — | — | |
| 6 | Dr V S Chavhan | Fluid Mechanics | NOT | Submitted | | | | | | | | | |
| 7 | Dr S K Nalawade | Mechanics of Structure | — | 12 | 07 | 07 | — | 10 | — | — | 65% | — | AM |
| 8 | | | | | | | | | | | | | |

Acad
Dr. B D Bachhan
/



HEAD OF DEPARTMENT
CIVIL ENGINEERING
AISSMS's COE, PUNE-1.

Type text here



Department of Civil Engineering

VISION:-Nurture the talent in Civil Engineers to work as global leaders for development of society.

Ref. No. :- Civil/23-24/ 1632 | 26 | 09 | 023

Date : 26/07/2023

Submitted:-

Subject :- Phone call record to students parent

With respect to above subject please find attached here with details of phone call to parent of TE & B.E Civil Engineering students on dated 19/07/2023 & 20/07/2023 & details of reported students is attached herewith .

GFM

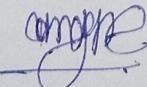
| Sr. No. | Class | GFM | Signature |
|---------|--------|-----------------|---|
| 1 | TE (A) | Dr. U R Awari |  |
| 2 | TE (B) | Dr. S D Nagrale |  |
| 3 | BE (A) | Dr. V S Chavhan |  |
| 4 | BE (B) | Mr. P R Modak |  |

Through HOD forwarded for doing the needed and consideration.

To

The Principal

AISSMS COE, Pune-1


HEAD OF DEPARTMENT

CIVIL ENGINEERING

AISSMS's COE, PUNE-1.



Mission: - M1: Provide quality education to develop competent Civil Engineers.

M2: Create awareness among students for sustainable development.

M3: Cultivate the leadership qualities for becoming successful entrepreneurs.



Internal Quality Assurance Cell

**STAKEHOLDERS FEEDBACK
ANALYSIS AND ACTION TAKEN
REPORT**

**DEPARTMENT
OF
MECHANICAL ENGINEERING**

Academic Year 2020– 21



We, at AISSMS COE firmly believe that one can improve if one knows the shortcomings. The various feedback systems in our institution are a testimony to our belief. AISSMS COE employs a transparent and robust feedback system.

The purpose of this feedback process is to provide a structure for obtaining, summarizing and documenting information on the stakeholder perceptions of the quality and effectiveness of the Institute's processes and procedures for various academic and administrative activities.

Various modes of interaction with all internal and external stakeholders are planned at department level as mentioned in below table. Suggestion received from these interactions are analyzed and corrective actions are initiated at department level.

| S. N. | Nature of interaction | Frequency |
|-------|---|-------------------------------|
| 01 | Induction program for all classes | At the start of academic year |
| 02 | Program Assessment and Quality Improvement Committee meetings | Twice in a semester |
| 03 | Department Advisory Board meeting | Once in a year |
| 04 | Department meetings with faculty | Every week |
| 05 | Parent meet | Once in a academic year |
| 06 | Industry meet | Once in a academic year |
| 07 | Alumni meet | Once in a academic year |
| 08 | Feedback of stakeholders on curriculum | Once in a academic year |
| 09 | Student – faculty feedback | Twice in a semester |
| 10 | Meeting / interaction of HoD / Principal with students | Once in a academic year |
| 11 | Feedback from students on infrastructure and facilities | Once in a academic year |
| 12 | Course End Survey | At the end of semester |
| 13 | Exit survey from students and faculty | Once in a academic year |
| 14 | Any other mode of interaction with stakeholders / suggestions | Throughout year |



A handwritten signature in blue ink, likely belonging to the responsible authority for the Quality Assurance Cell.

01. Induction program for all classes

Induction program is conducted for first year students for two weeks. During this induction program the Head of Department is allotted a slot for department presentation. Head of the department presents Vision, Mission and goals of the department and various activities conducted in the department. Role of professional body chapters was also brought to the notice of students for their professional development. In the second year at the beginning of the third semester an induction program is conducted.

| S.N. | Suggestions Received | Action Taken |
|------|---|--|
| 1 | Students were curious about Honor Courses and Sandwich training pattern | Information related to Honor Courses and Sandwich training pattern was given |
| 2 | Hostel facility to be provided nearby | This suggestion was communicated to higher authority. |

02. Program Assessment and Quality Improvement Committee Meetings

The Programme Assessment and Quality Improvement Committee (PAQIC) is constituted for monitoring and improving quality of the programs of the department. Committee should periodically monitor and evaluate departmental academic and allied activities.

| S.N. | Suggestions received | Action Taken |
|------|---|--|
| 1 | Rubrics for the projects to be prepared. | Rubrics for evaluation of students projects are prepared and circulated to all project guides. Evaluation is being conducted based on rubrics. |
| 2 | Rubrics for assignments are to be prepared and followed | Rubrics for assignments are prepared and circulated to all faculty for implementation. |
| 3 | Rubrics for seminar evaluation is to be prepared | Rubrics for seminar evaluation was prepared and circulated. |

03. Department Advisory Board meeting

DAB meeting is planned in the month of November/December.



04. Department meetings with faculty

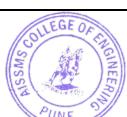
After every HoD meeting, a department meeting is held in the department. Majority of department meetings in AY 2020-21 were conducted in an online mode due to covid pandemic. Following suggestions were received from the faculty members.

| S.N. | Suggestions received | Action Taken |
|------|---|---|
| 1 | Pen tab to be made available for online teaching | Pentab, Potable Cameras, Head phones are purchased on 14/09/2020 and made available to faculty members to conduct online teaching-Learning. |
| 2 | Potable Cameras, Head phones to be made available for online teaching learning process. | |
| 3 | One laptop to be made available for lectures | Department laptop to be used on rotation basis and records of it to be maintained. |
| 4 | PC and Internet connectivity to be provided in classrooms. | The PC was shifted from the lab. No. 231 to each classroom so faculty can conduct online classes. |

05. Parent meet

Parents meet for Mechanical Engineering department was scheduled in June 2021. The meet was arranged on Microsoft Teams platform. Number of points related to the department, academics, training and placement, examination etc. were discussed by respective class GFM and Head of the Department. Around 150 parents were present during the meeting.

| S.N. | Suggestions received | Action Taken |
|------|--|--|
| 1 | Suggestions regarding online examination and Industry interaction. | Students are provided with MCQ and university notices are circulated on WhatsApp groups of students through GFM. Department organizes expert sessions by Industry persons. |
| 2 | Parents wants some attention regarding personality development of students | Sessions were arranged for students to improve soft skill and aptitude. |



| | | |
|---|---|--|
| 3 | Parents suggested more industry exposure to the students. | Department organizes expert sessions/webinars of Industry persons. |
|---|---|--|

06. Alumni meet

Alumni meet was not conducted in Face-to-Face mode due to covid pandemic, however alumni interaction was held in an online mode.

| S.N. | Suggestions received | Action Taken |
|------|--|--|
| 1 | Alumni to be invited for guiding co-curricular and extracurricular activities being held during college. | This suggestion was well taken for implementation and alumni was invited for guiding BAJA, SUPRA, Efficycle, Garudashwa teams and also for cultural teams. |

07. Feedback of stakeholders on curriculum

Stakeholders feedback on curriculum was collected and analyzed by the Department and communicated to IQAC. The suggestions were discussed with Program Assessment and Quality Improvement Committee and action plan was proposed for execution.

A) Students

| S.N. | Suggestions received | Action Taken |
|------|--|---|
| 1 | Advanced tools in practical to be added | Modern design software are used in subjects like Design of Machine Elements for Design projects |
| 2 | Industrial visit at hydroelectric power plant. | Regular Industrial visits are being organized to nearby industries and hydro powerplant, however virtual tours were conducted during COVID 19 pandemic. |

B) Faculty

| S.N. | Suggestions received | Action Taken |
|------|--|---|
| 1 | Suggestions regarding Curriculum gap and improvement in syllabus structure, received from faculties. | Suggestions are communicated to University through proper channels in order to reflect in the revised syllabus. |



| | | |
|---|---|---|
| 2 | Arrange technical courses in collaboration with industry. | Technical courses for students in collaboration with professionals are arranged in the department and few are proposed. |
| 3 | Number of suggestions regarding TE Mechanical Sandwich (2019 Course) syllabus were received | All these suggestions were communicated to Board of Studies and for incorporation in the syllabus. |

C) Alumni

| S.N. | Suggestions received | Action Taken |
|------|---|--|
| 1 | Student & Faculty Development Program | Department has arranged faculty development program for faculties And workshop for students |
| 2 | Expert Lecture/Training programs for students | Expert lectures are arranged in department |
| 3 | Laboratory Development | Laboratory In charge has developed advanced facilities in laboratories like 3D printer in CAE lab |
| 4 | Interaction of alumni with students for guidance in co-curricular activities to planned | A group of alumni visited the campus to guide the students who are working in BAJA,SUPRA,GO-CART activities and motivated students |

D) Parents

| S.N. | Suggestions received | Action Taken |
|------|--|--|
| 1 | More Practical skills and internship program must be there | Department has recommended many students for internship in various industries |
| 2 | The college should try more on increasing knowledge based education of the students | University has introduced PBL subject, under this subject practical knowledge of student is enhancing. |
| 3 | Training and placement department can hire organizations to train students through online platform for placements. | College hires external agency to improve soft skill of students. |



08. Student – faculty feedback

Student Faculty feedback was taken twice in a semester through ERP.

| | | |
|----------|---|---|
| 1 | Faculty feedback regarding academics is taken from students twice in a semester | Faculties with feedback more than 75%, are given appreciation letters for their performance. Faculty having less than 75 % were ask for improvement in specific area. |
|----------|---|---|

9. Feedback from students on infrastructure and facilities

Facility feedback was taken from students of Mechanical and Mechanical Sandwich through ERP, for infrastructure and facilities provided by the department and college. Around 262 students have given facility feedback.

| S.N. | Suggestions received | Action Taken |
|-------------|---|--|
| 1 | Infrastructure and facility feedback is taken from the students by developing rubrics related to online teaching ,support for co-curricular activities etc. | Maximum number of students are satisfied with the support from department, as faculties are conducting online lectures,practical through Microsoft Team and Cocurricular activities are also going on. |

10. Course End Survey

| S.N. | Suggestions received | Action Taken |
|-------------|-----------------------------|---|
| 01 | Dynamic programming concept | Solving numericals on applications of dynamic programming |

11. Exit survey from students and faculty

An exit survey is conducted for students who have graduated out of the department for AY 2020 - 21. Relevant questionnaire in exit survey form to evaluate attainment of POs and PSOs. The questionnaire consists of (12+3) questions which are relevant for assessing each PO and PSO. Each question has 5 options namely Excellent, Very Good, Good, Average and Poor, which are given marks 5, 4, 3, 2, 1 respectively. 115 responses are received. PO/PSO wise average response received are depicted in table below.



Average Responses Received

| PO/PSO Mapping | Average Response |
|----------------|------------------|
| PO1 | 4.08 |
| PO2 | 4.09 |
| PO3 | 4.10 |
| PO4 | 4.10 |
| PO5 | 3.97 |
| PO6 | 4.02 |
| PO7 | 4.01 |
| PO8 | 4.02 |
| PO9 | 4.11 |
| PO10 | 4.07 |
| PO11 | 3.88 |
| PO12 | 3.88 |
| PSO1 | 4.06 |
| PSO2 | 4.08 |
| PSO3 | 3.99 |

Dr (Mrs.) P S Gajjal

Name and Sign
Academic Coordinator

Dr B D Bachchhav

Name and Sign
Head of Department

Dr D S Bormane
Principal



Copy to:

1. IQAC
2. Establishment