



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

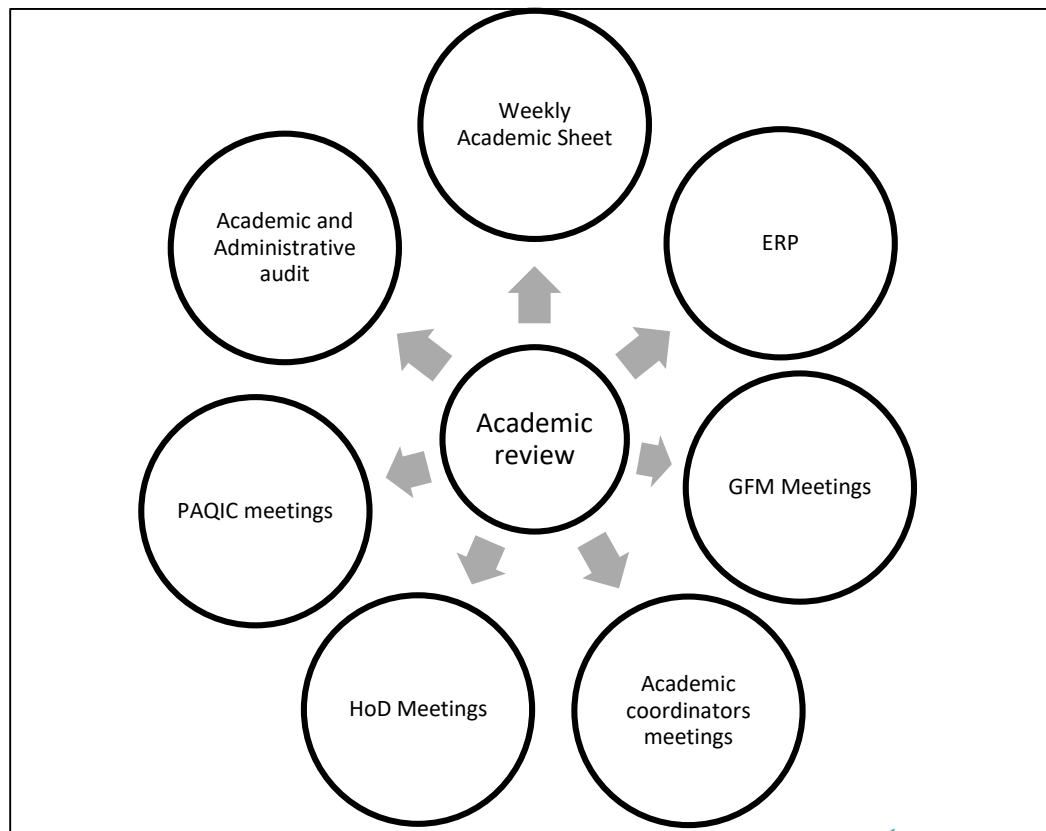
**ACADEMIC  
REVIEW PROCESS**

## 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.



A handwritten signature in blue ink, likely belonging to the Principal or a senior official, is placed next to the college logo.

## 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



A handwritten signature in blue ink, consisting of a stylized, cursive 'A' followed by a long horizontal stroke and a small flourish at the end.

# 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, consisting of stylized, overlapping loops and strokes.

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



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



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 SAMBHAJI 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



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



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
- ☐ June
- ☐ July
- ☐ August
- ☐ September
- ☐ October
- ☐ November
- ☐ December

*Skip to question 27*

E&TC Engineering Department



A handwritten signature in blue ink, consisting of a stylized, cursive script.

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



17. 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*

Mechanical Engineering Department



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



*[Handwritten signature in blue ink]*

19. (ME) Name of Faculty \*

*Mark only one oval.*

- ☐ MR. SHRIKANT VASUDEO CHAITANYA
- ☐ MR. SUNIL RAMSING PATIL
- ☐ DR. AVINASH VISHWANATH WAGHMARE
- ☐ DR. CHANDRAKISHOR S CHOUDHARI
- ☐ 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





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



☐ COE-2334

☐ COE-3324

☐ COE-8360

☐ COE-8362

☐ COE-8363

☐ COE-3322



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 Bhausahab Patil
- ☐ Shri Avinash Bansidhar Thakare
- ☐ Dr (Mrs) Shalaka Abhimanyu Virkar
- ☐ Dr (Ms) Vrushali Shivsamb 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

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



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

---



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



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



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 \*

---





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:



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 \*



---

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



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



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



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

---

This content is neither created nor endorsed by Google.

Google Forms





# AISSMS COLLEGE OF ENGINEERING



ज्ञानम् सकलजनहिताय  
Approved by AICTE New Delhi, Recognized by Govt. of Maharashtra,  
Affiliated to Savitribai Phule Pune University and recognized 2(f) and 12(B) by UGC (Id. No. PU/PN/Engg/093(1992))  
Accredited by NAAC with 'A+' Grade

Kennedy Road, Pune 411001, Maharashtra, India. Tel: +91 - 20 - 26058587, 26057660, 26058342 Email: contact@aiissmscoe.com, principal@aiissmscoe.com  
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 (through Models, 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 (through Models, 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 (through Models, 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	



*[Handwritten signature]*

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 :**





# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



### 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 Dhonde	6	Mr S S Kallurkar
7	Dr M K Nikam	8	Dr B D Bachchhav
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 1<sup>st</sup> to 20<sup>th</sup> 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.





# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade

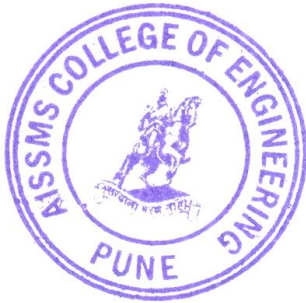


- TW, Assignments to be given well before and assessed continuously.
- Felicitation of Toppers to be done in the department on regular basis.
- Encourage peer to peer learning through class study circle activity. IQAC will conduct a meeting of class study circle members.
- HoDs to monitor above activities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

Meeting was ended with vote of thanks.

**Dr D S Bormane**  
**Principal**

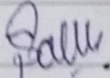
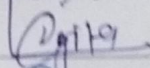
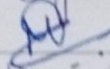
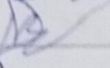
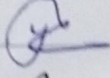


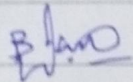
Copy to: Principal office, All HoDs





12/5/23

A meeting of academic co-ordinators is scheduled on 12/5/23 at 3pm. following members were present.

S B Dhekale	
Y K Funde	
Dr. P S Gajal	
AS Dedkar	
Dr. M. K. Mulkam -	
P S Tessler	
C. S. Misal	
Dr B D Bachehar	

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/or/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 Bachhav ~~Pr~~  
P S Tadkar ~~Pr~~

K N Kulkarni ~~ICB~~  
S K Birla ~~Pr~~

Dr. D. P. Gaikwad - ~~ICB~~  
S B Dhekale - ~~Pr~~  
Y K Fude - ~~Pr~~

Following members were absent:- 1) Dr P S Gajjal.  
2) Dr M K Nilkam

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 6<sup>th</sup> August 2023
- Discussed about ERP updates.
- Discussed about project guidelines
- Discussed about GPM meeting.
- Discussed about prerequisite test.

Syllabus for Assignment Unit based

Assignment I: unit I & II 20 Marks.

Each unit will carry 10 marks

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

Each unit will carry 10 marks



*[Signature]*





# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

(Accredited by NAAC with grade A+)



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. Tebe	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. Wankhade	45	04	0.5	10%
2	EE	Dr. C.S. Choudhary	45	03	0.4	10%
3	GRE	Dr. B.D. Bachchhav	45	04	0.5	10%
4	EAM	Dr. M.S. Peshmukh	45	04	0.5	10%
5	EHV	Dr. P.S. Gajjal	45	03	0.4	10%
6	RET	Ms. P. R. Tebe	45	04	0.5	10%
7						

#### 2. Syllabus coverage (Practical)

2. Syllabus coverage (Practical)															
S N	Practical	Name of teacher	No. of Practical												Usage of V-Lab (Till date)
			Planned (Total)				Conducted (Till date)				Assessed (Till date)				
			A	B	C	D	A	B	C	D	A	B	C	D	
1	MSAL	M.P. Shah	11	-	11	-	1	1	1	1	-	-	-	-	-
2	MSAL	A.T. Thombare	11	11	11	11	1	1	1	-	-	-	-	-	1
3	<del>MSAL</del> CIM	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

S N	Subject	Name of teacher	Prerequisite Test Conducted (Y/N)	Unit tests Conducted (Y/N)			Assignments Conducted (Y/N)		Activity done (Y/N)
				I	II	III	I	II	
1	EHV	PS Gajjal	N						
2	CORE	Dr B D Barchekar	Not Yet						
3	RET	yes PRT	Y						
4									
5									
6									
7									

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:


Following faculty members attended the meeting:

Name of Faculty	Sign	Name of Faculty	Sign
Dr B D Barchekar			
M P Shah			
A + Thornbare			
PSG			
MSS			

GFM  
Name & Sign  
Ms. P. R. Tete

Dept. Academic Coordinator  
Name & Sign  
Dr P S Gajjal







# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

Accredited by NAAC with "A+" Grade



### 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



# AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

Accredited by NAAC with "A+" Grade | NBA - 6 UG Programmes



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.Badadhe A M	Dr.Badadhe A M	Dr. P P Bartakke	Dr. P P Bartakke	Dr. P P Bartakke	Dr.Badadhe A M	Dr.Badadhe 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 Dhonde	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

ज्ञानम् सकलजनहिताय

Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra,  
Affiliated to Savitribai Phule Pune University and recognized 2(f) and 12(B) by UGC  
(Id.No. PU / PN/ Engg. / 093 (1992))  
(Accredited by NAAC with grade A+)



## 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	
		VSN	VSN	PPN	PPN	NDN	VON	PPT
		EC SE-sem I	PCS (SE) Sem-II	EC TE-sem I	CN TE-sem I	DBM TE-sem I	PM TE-sem II	AJP TE-sem II
		(Y/N)	(Y/N)	(Y/N)	(Y/N)	(Y/N)	(Y/N)	
1	College Academic Calendar, Department Academic Calendar	✓	✓	✓	✓	✓	✓	✓
2	Class Time Table, Individual Time Table	✓	✓	✓	✓	✓	✓	✓
3	Teaching Plan	✓	✓	✓	✓	✓	✓	✓
4	List of Course Outcomes (CO)	✓	✓	✓	✓	✓	✓	✓
5	CO-PO mapping, CO-PSO mapping	✓	✓	✓	✓	✓	✓	✓
6	CO Assessment Tools and weight age	✓	✓	✓	✓	✓	✓	✓
7	CO-PO-PSO attainment record	✓	✓	✓	✓	✓	✓	✓





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	✓	✓	✓	✓	✓	NA	✓
11	Make up/ Remedial Lectures record	NA	✓	NA	NA	NA	NA	✓
12	Defaulter Lists	NA	✓	NA	✓	NA	NA	✓
13	Last three year Subject Results	✓	✓	NA	NA	NA	NA (Last)	NA
14	Report of Guest Lectures	✓	✓	✓	✓	✓	✓	✓
15	Report of Industry Visits	✓	✓	✓	✓	NA	✓	✓
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)	✓	✓	✓	✓	✓	✓	✓

Shrivale

Shrivale  
25/1/23

P.R.  
25/1/23

P.R.  
25/1/23

Shrivale  
25/1/23

Shrivale  
25/1/23

P.R.  
25/1/23

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

Ms. Y. K. Funele





AISSMS College of Engineering, Pune  
Academic Teaching Review  
Name of the Department : Civil Engineering

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	cy
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%	—	sc
4	M Gauratra	Engineering Maths III	36	36	23	21	13	15	No	No	40%	40%	cy
5	C Travya	Engineering Geology	36	36	18	22	12	10	—	—	40%	40%	cy
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	sc
2	Dr. S R Parekar	Mechanics of Structure	36	—	25	—	15	—	03	—	55%	—	sc
3	Dr. P B Nangare	Fluid Mechanics	42	11	23	08	19	03	—	—	50%	75%	cy
4	M Gauratra	Engineering Maths III	36	36	25	15	11	21	No	No	40%	40%	cy
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%	—	sc
8													

Acad  
Dr. B. B. Badhekar



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

Type text here





# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



### 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 / 26/07/23

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 needful and consideration.

To

The Principal

AISSMS COE, Pune-1

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

Academic Co-ordinator  
Dr. B.D. Becharwar



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.





**AISSMS**  
**COLLEGE OF ENGINEERING**  
ज्ञानम् सकलजनहिताय  
(Accredited by NAAC with grade A+)



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



### 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 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.



<b>3</b>	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.

<b>S.N.</b>	<b>Suggestions received</b>	<b>Action Taken</b>
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

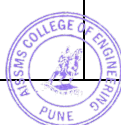
Stakeholders feedback on curriculum was collected and analyzed by the Department and communicated to IQAC. The suggestions were discussed with Program Assessment and Quality Improvement Committee and action plan was proposed for execution.

##### A) Students

<b>S.N.</b>	<b>Suggestions received</b>	<b>Action Taken</b>
<b>1</b>	Advanced tools in practical to be added	Modern design software are used in subjects like Design of Machine Elements for Design projects
<b>2</b>	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

<b>S.N.</b>	<b>Suggestions received</b>	<b>Action Taken</b>
<b>1</b>	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.



<b>2</b>	Arrange technical courses in collaboration with industry.	Technical courses for students in collaboration with professionals are arranged in the department and few are proposed.
<b>3</b>	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

<b>S.N.</b>	<b>Suggestions received</b>	<b>Action Taken</b>
<b>1</b>	Student & Faculty Development Program	Department has arranged faculty development program for faculties And workshop for students
<b>2</b>	Expert Lecture/Training programs for students	Expert lectures are arranged in department
<b>3</b>	Laboratory Development	Laboratory In charge has developed advanced facilities in laboratories like 3D printer in CAE lab
<b>4</b>	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

<b>S.N.</b>	<b>Suggestions received</b>	<b>Action Taken</b>
<b>1</b>	More Practical skills and internship program must be there	Department has recommended many students for internship in various industries
<b>2</b>	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.
<b>3</b>	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.

<b>1</b>	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
<b>1</b>	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