

Department Advisory Committee (DAC)

Role and responsibilities

This committee is responsible for advising the department in various key decision making processes related to the department. The DAC gives guidelines related to following areas:

- ☐ Lead the department towards achieving the vision of the department.
- ☐ Formulation and modification of Vision, Mission, PEOs and PSOs of the program.
- ☐ Topics beyond the syllabus and additional experiments to meet PEOs, PSOs and POs of the program.
- ☐ Recommending strategies for strengthening the course and program outcomes.
- ☐ Thrust areas to conduct co-curricular and extra curricular activities.
- ☐ Value added training courses.
- ☐ Recent and future trends in technology.

Members

1. HOD (Chairman).
2. Principal.
3. Two representatives from industry as technical advisors.
4. Two representatives from institutes offering higher education as academicians.
5. Two representatives from alumni.
6. One representative from PTA.
7. All lecturers from the department (Senior Lecturer as Convener)
8. One representative from the basic workshop.

Frequency of meeting

Once in an year (During odd semesters after publishing even semester result)

Default venue

HOD cabin

Dates of DAC meetings

1. 14 July 2017
2. 9 July 2018
3. 5 July 2019
4. 10 July 2020
5. 7 July 2021

Members of the Committee 1

Department Advisory Committee (DAC) of the Department of Mechanical Engineering is constituted with the following members with effect from 19th June 2017.

Sl. No.	Name	Designation	Role
1	Praveenkumar A V	HOD in ME	Chairman
2	K N Seema	Principal	Member
3	Shabir Koodathil	Director & CEO, SteelMax Group of Companies, Kanjikode, Palakkad www.steelmaxindia.com/	Technical Advisor
4	Babu K K	Proprietor & CEO, Sreerama Industries, Erattayal, Palakkad www.sreeramaindustries.com/	Technical Advisor
5	Sreejith N K	Asst. Professor in ME, NSS College of Engg., Palakkad www.nssce.ac.in/	Academician
6	Leeju C J	Asst. Professor in ME, Govt. Engg. College, Palakkad www.gecskp.ac.in/	Academician
7	Krishnaprasad B	Joint Supervisor, BEML, Kanjikode, Palakkad www.bemlindia.in/	Alumni
8	Liju C J	Director, Focus Gate, Near Stadium Bus Stand, Palakkad www.focusgate.in	Alumni
9	K Raghavan	PTA Vice President	Member
10	Saidu K M	Lecturer in ME	Convener
11	Mohandas TV	Lecturer in ME	Member
12	Pradeep M	Lecturer in ME	Member
13	Sajith U K	Lecturer in ME	Member
14	Viswanathan S	Workshop Superintendent	Member

DAC Meeting 1

14 July 2017 | 11:30 AM | HOD Cabin

Agenda

1. NBA accreditation
2. Review of existing Vision & Mission elements of the department as part of NBA
3. Formulate PEOs and PSOs of the program
4. Review of odd and even semester result published
5. Usage of mobile phones by the students in the campus
6. General academic matters

Attendees

1. Praveenkumar A V - Present
2. K N Seema
3. Shabeer Koodathil
4. Babu K K
5. Sreejith N K
6. Leeju C J
7. Krishnaprasad B
8. Liju C J
9. K Raghavan
10. Saidu K M - Present
11. Mohandas T V - Present
12. Pradeep M - Present
13. Sajith U K - Present
14. Viswanathan S

Minutes

- Meeting started with a welcome address by Saidu K M, the convener by 11:30 AM.
- Praveenkumar A V, the chairman read the existing vision, mission, PEO and PSO statements before the committee.
- Stakeholders commented that the existing statements are satisfactory. Members unanimously decided that the existing vision and mission statements should be continued.
- Vision:

“To be a center of excellence in the field of mechanical engineering education for creating engineers capable of contributing to society through innovation, entrepreneurship and leadership.”

Mission

1. Equip students with necessary technological and intellectual capacity to face the fast changing demands of modern technology.
 2. Develop the ideal working attitudes and values in the students and thereby improve employability with commitment to the society.
 3. Maintain the quality of learning facility at par with that of industry.
- Decided to circulate the statements among all the stakeholders for comments and suggestions.
 - HOD explained that as part of the accreditation, the institute is changing to outcome based education. So the department has to frame its PEOs and PSOs for the mechanical engineering program.
 - HOD read the draft PEOs and PSOs of the program prepared by faculty.
 - Brainstorming is carried out on PEO and PSO statements.
 - After brainstorming, committee arrived at the following PEO and PSO statements

PEOs:

1. Impart knowledge with a strong foundation in mechanical engineering that helps the students to solve practical problems.
2. Create a passion in the field of mechanical engineering to implement efficient mechanical engineering practices throughout their professional career.
3. Develop innovative minds and entrepreneurial skills that enable students to address various challenges in society.
4. Inculcate students with good management practices, interpersonal skills with strong adherence to ethics and values.

PSOs:

1. Apply their knowledge in the domains of production, fluid power and thermal engineering to solve engineering problems.
 2. Apply the acquired technical skills in the field of engineering design, advanced machine tools, industrial maintenance and servicing
 3. Update their knowledge in the field of industrial automation and CAD/CAM to cope with the industrial requirements.
- Decided to circulate the statements among all the stakeholders for comments and suggestions.
 - Existing vision and mission statements and draft of PEOs and PSOs are approved by the DAC and decided to consider the comments if any from the stakeholders within two months.
 - NBA coordinator explained in brief about the importance and various steps to be followed during the accreditation process.
 - Technical advisors pointed out that the passed out students need improvement in english communication.
 - Chairman presented the result of odd and even semesters before the committee.
 - Academissions commented on the result that it is satisfactory compared to other institutions and discussed the improvement strategies in the upcoming semesters.
 - Discussed about online FDP programs available.
 - Decided to conduct student support classes for weak students.

- Committee pointed out that the usage of mobile phones by students during working hours is increasing day by day and to take actions to restrict the usage.
- The DAC approved the above suggestions for the improvement of the whole system.
- Mr. Mohandas T V thanked all the members for spending the valuable time to the uplift of the department during vote of thanks.
- Meeting came to an end by 12:40 pm.

Members of the Committee 2

The Department Advisory Committee (DAC) of the Department of Mechanical Engineering is constituted with the following members with effect from 11th June 2018.

Sl. No.	Name	Designation	Role
1	Praveenkumar A V	HOD in ME	Chairman
2	M Chandrakumar	Principal	Member
3	Shabir Koodathil	Director & CEO, SteelMax Group of Companies, Kanjikode, Palakkad http://steelmaxindia.com/	Technical Advisor
4	Babu K K	Proprietor & CEO, Sreerama Industries, Erattayal, Palakkad http://sreeramaindustries.com/	Technical Advisor
5	Sreejith N K	Asst. Professor in ME, NSS College of Engg., Palakkad http://www.nssce.ac.in/	Academician
6	Leeju C J	Asst. Professor in ME, Govt. Engg. College, Palakkad http://www.gecskp.ac.in/	Academician
7	Krishnaprasad B	Joint Supervisor, BEML, Kanjikode, Palakkad https://www.bemlindia.in/	Alumni
8	Liju C J	Director, Focus Gate, Near Stadium Bus Stand, Palakkad www.focusgate.in	Alumni
9	T T Balan	PTA Vice President	Member
10	Mohandas TV	Lecturer in ME	Convener
11	Pradeep M	Lecturer in ME	Member
12	Sajith U K	Lecturer in ME	Member
13	Shihabudheen M	Lecturer in ME	Member
14	Nowshad M	Lecturer in ME	Member
15	Gopikrishnan K	Guest Lecturer in ME	Member
16	Sadeeshkumar K G	Workshop Superintendent	Member

DAC Meeting 2

9 July 2018/ 11:00 AM / HOD Cabin

Agenda

1. Review of PEOs and PSOs
2. NBA accreditation
3. Review of existing Vision & Mission elements of the department as part of NBA
4. Review of odd and even semester result published
5. Other academic matters

Attendees

1. Praveenkumar A V - Present
2. Chandrakumar M
3. Shabir Koodathil
4. Babu K K
5. Sreejith N K
6. Leeju C J
7. Krishnaprasad B
8. Liju C J
9. T T Balan
10. Mohandas TV - Present
11. Pradeep M - Present
12. Sajith U K - Present
13. Shihabudheen M - Present
14. Nowshad M - Present
15. Gopikrishnan K - Present
16. Sadeeshkumar K G

Minutes

- Meeting started with a welcome address by Mohandas T V, the convener by 11:00 AM.
- During the presidential address, Praveenkumar A V, the Chairman presented the odd and even semesters result, and changes needed for improving the result.
- Chairman read the existing Vision, Mission, PEOs and PSOs.
- During discussion, the committee decided to continue the existing vision, mission, PEOs and PSOs.
- Mr. Sreejith N K explained about the importance of improving the skills of students for which an initiative should be taken to establish a centralized fabrication facility or a Fab lab inside the campus.
- Mr. Sreejith N K also told that all faculty members should be made aware of the need of outcome based education and the faculty who are taking the courses should identify the course outcomes by discussing the syllabus with senior faculty members or in a committee and should plan and design the classes such that course outcomes are met.

- He also told the importance of discussing content beyond the syllabus for each course. Assignments and tutorials must be planned in such a way that the students may use their analytical skills more, rather than just delivering what is being mugged up.
- It is decided to conduct class PTA meetings for all three years separately in each semester.
- Mr. Praveenkumar A V, the Chairman thanked all the members for spending the valuable time to the uplift of the department.
- Meeting came to an end by 12:30 PM with a vote of thanks from Mr. Praddep M.

Members of the Committee 3

The Department Advisory Committee (DAC) of the Department of Mechanical Engineering is constituted with the following members with effect from 18th June 2019.

Sl. No.	Name	Designation	Role
1	Praveenkumar A V	HOD in ME	Chairman
2	Chandrakumar M	Principal	Member
3	Shabir Koodathil	Director & CEO, SteelMax Group of Companies, Kanjikode, Palakkad http://steelmaxindia.com/	Technical Advisor
4	Babu K K	Proprietor & CEO, Sreerama Industries, Erattayal, Palakkad http://sreeramaindustries.com/	Technical Advisor
5	Sreejith N K	Asst. Professor in ME, NSS College of Engg., Palakkad http://www.nssce.ac.in/	Academician
6	Leeju C J	Asst. Professor in ME, Govt. Engg. College, Palakkad http://www.gecskp.ac.in/	Academician
7	Krishnaprasad B	Joint Supervisor, BEML, Kanjikode, Palakkad https://www.bemlindia.in/	Alumni
8	Liju C J	Asst. Professor in ME, Govt. Engg. College, Palakkad http://www.gecskp.ac.in/	Alumni
9	T T Balan	PTA Vice President	Member
10	Mohandas TV	Lecturer in ME	Convener
11	Pradeep M	Lecturer in ME	Member
12	Sajith U K	Lecturer in ME	Member
13	Shihabudheen M	Lecturer in ME	Member
14	Nowshad M	Lecturer in ME	Member
15	Aboobacker Sidhik A	Guest Lecturer in ME	Member
16	Sadeeshkumar K G	Workshop Superintendent	Member

The committee discussed various points regarding gap identification in the present curriculum received from alumni and industry. The committee observed that it is necessary to communicate the findings of alumni and industry to SITTTTR for further action so that these would be included in the upcoming curriculum revision.

Feedback from Industry experts regarding Diploma in Mechanical Engineering curriculum rev. 2015.

- ☐ The curriculum meets most of the demands of present day industry except the usage of modern tools and technologies
- ☐ Usage of information and communication technologies are to be covered on a larger scale in the curriculum
- ☐ Entrepreneurship development and sustainable solutions are found to be missing in the curriculum
- ☐ Computer literacy with advanced tools is average in the students

Feedback from alumni regarding Diploma in Mechanical Engineering curriculum rev. 2015.

- ☐ Professional ethics and responsibilities need to be improved in the students
- ☐ Entrepreneurship skills are lacking in the students
- ☐ Computer literacy is average

DAC Meeting 3

5 July 2019 | 03:30 PM | HOD Cabin

Agenda

1. Review of Vision, Mission, PEOs and PSOs
2. NBA accreditation
3. Review of odd and even semester result published
4. Other academic matters

Attendees

1. Praveenkumar A V - Present
2. Chandrakumar M
3. Shabeer Koodathil
4. Babu K K
5. Sreejith N K
6. Leeju C J
7. Krishnaprasad B
8. Liju C J
9. T T Balan
10. Mohandas T V - Leave
11. Pradeep M - Present
12. Sajith U K - Present
13. Shihabudheen M - Present
14. Nowshad M - Present
15. Aboobacker Sidhik A - Present
16. Sadeeshkumar K G

Minutes

- Meeting started with a welcome address by Pradeep M, the convener by 11:00 AM.
- During the presidential address, Praveenkumar A V, the chairman presented the odd and even semester result, and changes needed for improving the result.
- Chairman read the existing Vision, Mission, PEOs and PSOs.
- During discussion, the committee decided to continue the existing vision, mission, PEOs and PSOs.
- Chairman thanked all the members for spending the valuable time to the uplift of the department.
- Meeting came to an end by 12:30 PM from a vote of thanks from Mr. Sajith U K.

Members of the Committee 4

The Department Advisory Committee (DAC) of the Department of Mechanical Engineering is constituted with the following members with effect from 2nd July 2020.

Sl. No.	Name	Designation	Role
1	Praveenkumar A V	HOD in ME	Chairman
2	Seema K N	Principal	Member
3	Shabir Koodathil	Director & CEO, SteelMax Group of Companies, Kanjikode, Palakkad http://steelmaxindia.com/	Technical Advisor
4	Babu K K	Proprietor & CEO, Sreerama Industries, Erattayal, Palakkad http://sreeramaindustries.com/	Technical Advisor
5	Sreejith N K	Asst. Professor in ME, NSS College of Engg., Palakkad http://www.nssce.ac.in/	Academician
6	Leeju C J	Asst. Professor in ME, Govt. Engg. College, Palakkad http://www.gecskp.ac.in/	Academician
7	Krishnaprasad B	Joint Supervisor, BEML, Kanjikode, Palakkad https://www.bemlindia.in/	Alumni
8	Liju C J	Asst. Professor in ME, Govt. Engg. College, Palakkad http://www.gecskp.ac.in/	Alumni
9	T T Balan	PTA Vice President	Member
10	Sajith U K	Lecturer in ME	Convener
11	Shihabudheen M	Lecturer in ME	Member
12	Nowshad M	Lecturer in ME	Member
13	Sadeeshkumar K G	Workshop Superintendent	Member

DAC Meeting 4

10 July 2020/ 03:00 PM / HOD Cabin

Agenda

1. Review of Vision, Mission, PEOs and PSOs
2. NBA accreditation
3. Review of odd and even semester result published
4. Other academic matters

Attendees

1. Praveenkumar A V - Present
2. Chandrakumar M
3. Shabeer Koodathil
4. Babu K K
5. Sreejith N K
6. Leeju C J
7. Krishnaprasad B
8. Liju C J
9. T T Balan
10. Sajith U K - Present (Convenor)
11. Shihabudheen M - Present
12. Nowshad M - Present
13. Aboobacker Sidhik A - Need to check
14. Rishad A R - Need to check
15. Sadeeshkumar K G

Minutes

- Meeting started with a welcome address by Sajith U K, the convener by 3:00 PM.
- During the presidential address, Praveenkumar A V, the Chairman presented the odd and even semester result, and changes needed for improving the result.
- Chairman read the existing Vision, Mission, PEOs and PSOs.
- During discussion, the committee decided to continue the existing vision, mission, PEOs and PSOs.
- Committee decided to publish these statements in class rooms and laboratories.
- According to the academic calendar published by the SITTTTR, necessary arrangements shall be made in the department.
- Mr. Shabeer Koodathi suggested that, department should try to publish a newsletter of its own containing technical write ups by students and staff.
- Mr. Babu K K suggested that an industry and students interaction should be conducted for final year students.

- It is decided to collect feedback from students about the teachers and teaching process once in a semester and the same should be analysed and make a report within a week.
- Chairman thanked all the members for spending the valuable time to the uplift of the department.
- Meeting came to an end by 4:30 PM with a vote of thanks from Mr. Shihabudheen M.

Members of the Committee 5

The Department Advisory Committee (DAC) of the Department of Mechanical Engineering is reconstituted with the following members with effect from 1st July 2021.

Sl. No.	Name	Designation	Role
1	Praveenkumar A V	HOD in ME	Chairman
2	Seema K N	Principal	Member
3	Shabir Koodathil	Director & CEO, SteelMax Group of Companies, Kanjikode, Palakkad http://steelmaxindia.com/	Technical Advisor
4	Babu K K	Proprietor & CEO, Sreerama Industries, Erattayal, Palakkad http://sreeramaindustries.com/	Technical Advisor
5	Sreejith N K	Asst. Professor in ME, NSS College of Engg., Palakkad http://www.nssce.ac.in/	Academician
6	Leeju C J	Asst. Professor in ME, Govt. Engg. College, Palakkad http://www.gecskp.ac.in/	Academician
7	Krishnaprasad B	Joint Supervisor, BEML, Kanjikode, Palakkad https://www.bemlindia.in/	Alumni
8	Liju C J	Asst. Professor in ME, Govt. Engg. College, Palakkad http://www.gecskp.ac.in/	Alumni
9	T T Balan	PTA Vice President	Member
10	Shihabudheen M	Lecturer in ME	Convener
11	Nowshad M	Lecturer in ME	Member
12	Askkar Ali P	Lecturer in ME	Member
13	Sadeeshkumar K G	Workshop Superintendent	Member

DAC Meeting 5

7 July 2021/ 03:30 PM / HOD Cabin

Agenda

1. Review of Vision, Mission, PEOs and PSOs
2. NBA accreditation
3. Review of odd and even semester result published
4. Other academic matters

Attendees

1. Praveenkumar A V - Present
2. Seema K N
3. Shabeer Koodathil
4. Babu K K
5. Sreejith N K
6. Leeju C J
7. Krishnaprasad B
8. Liju C J
9. T T Balan
10. Shihabudheen M - Present
11. Nowshad M - Present
12. Askkar Ali P - Present
13. Aboobacker Sidhik A - Need to check
14. Rishad A R - Need to check
15. Sandeep P - Need to check
16. Sadeeshkumar K G

Minutes

- Meeting started with a welcome address by Shihabudheen M, the convener by 3:00 PM.
- During the presidential address, Praveenkumar A V, the Chairman presented the odd and even semester result, and changes needed for improving the result.
- Chairman read the existing Vision, Mission, PEOs and PSOs.
- During discussion, the committee decided to continue the existing vision, mission, PEOs and PSOs.
- Chairman conveyed to the committee members that the department is working hard in the process of NBA accreditation.
- Technical advisors pointed out that the diploma holders lack in English communication and the department should focus on that.
- Decided to conduct student support classes for weak students.

- Chairman thanked all the members for spending the valuable time to the uplift of the department.
- Meeting came to an end by 4:30 PM.