

MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI
(Permanently Affiliated to University of Mumbai)
DEPARTMENT OF MECHANICAL ENGINEERING
(UG Program - NBA- Accredited; PG in Heat Power and Ph.D. Technology)

09-08-2021

Minutes of Department Advisory Board Meeting

Dated 09th August 2021.

Venue: Google Meet

Meet link details: <https://meet.google.com/irr-osub-wsm>

Meeting Date: 09th August, 2021.

Time: 10:00 am to 12:00 pm

Recorded meet link:

https://drive.google.com/file/d/1xndcbn9oNEqe_42DfMh9MIFGgupzeCIL/view?usp=sharing

The following Department Advisory Board members attended the meeting

- Mr. Subbabhrata Ghoshal
- Mr. Mahendra Kapadia
- Dr. Bhushan Patil
- Mr. Akshay Kalyanpur
- Mr. Gautam Dubey

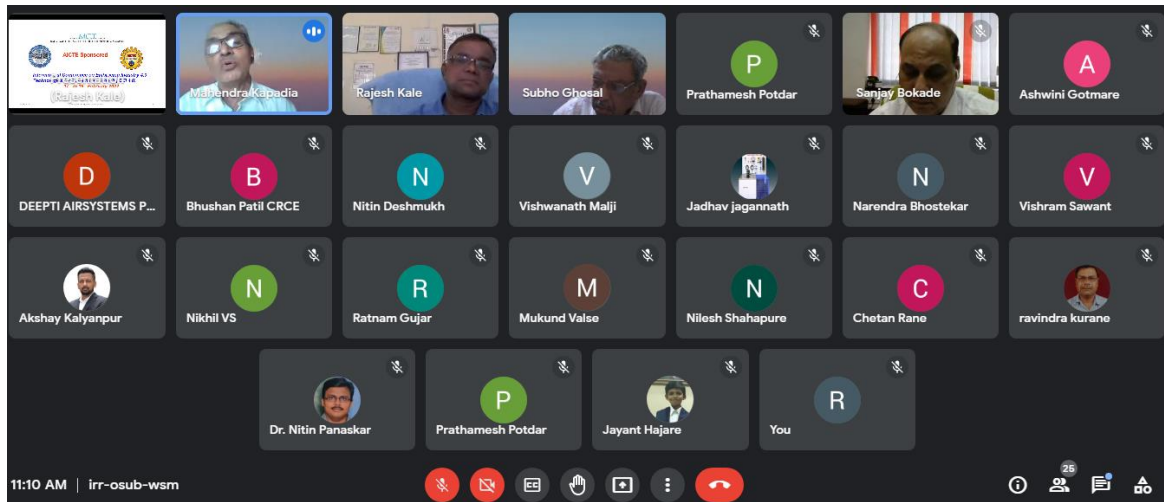
All the faculty members of the department attended the meeting.

Agenda of the meeting: -

- Confirming the minutes of the Department Advisory Board Meet dated 2nd August 2020 and action taken report of the same.
- Vision and Mission statement of the Department
- Discussion on Curriculum gap identified for R19 C Scheme syllabus – Second Year & Third Year
- International Conference on embracing Industry 4.0 technologies for sustainable growth (ICEI4.0) on 17th to 19th February 2022
- Focus areas for the academic year 2021-22 from a placement point of view
- Any other discussions with the permission of the chair

Due to the prevailing pandemic situation, the meeting was taken online on GOOGLE MEET APP.

MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI
 (Permanently Affiliated to University of Mumbai)
DEPARTMENT OF MECHANICAL ENGINEERING
 (UG Program - NBA- Accredited; PG in Heat Power and Ph.D. Technology)




Summary of Discussions: -

1. The meeting was opened by **Dr. R.V. Kale** (HOD, Mechanical Department) by extending a warm welcome to **Hon.Principal Dr. S.U.Bokade**, all the advisory board members, and faculty members of the department.
He then requested Dr. S.U.Bokade will give the opening remarks.
2. **Hon.Principal Dr.S.U.Bokade** extended a warm welcome and sincere gratitude to all the advisory board members and faculty present for the meeting. He thanked all the DAB members for their constant suggestions and support in shaping the department.
3. **Dr. R.V. Kale** then summarised the achievements of the faculty members and students of the department in the year 2020-2021. He informed me that one of the alumni of the Mechanical Department, Mr.Devanand Patil got selected in ISRO through the all-India competitive exam conducted by ISRO.

MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI
(Permanently Affiliated to University of Mumbai)
DEPARTMENT OF MECHANICAL ENGINEERING
(UG Program - NBA- Accredited; PG in Heat Power and Ph.D. Technology)

4. He then informed us about the Project competitions won by our students in the year 2020-21. He also informed me about the list of publications and patents filed by the faculties of the department.
5. He then listed the sponsorships provided to various faculty members for undergoing NPTEL/NITTR training courses.
6. He then informed about the AICTE-sponsored STTP on Energy Audit and Management conducted by the department in four phases
7. He also clued up about the MOU signed by the department with the Centre of Excellence in Maritime and Shipbuilding (CEMS) for training and internship of students.
8. He then informed me about the alumni Speak series conducted by the department to motivate the students.
9. He then elaborated on the vibrant student professional bodies viz. AERO, MESA, ASME, IE, and UBA in the department have carried out many events during the lockdown both in the social and technical domains to enhance student engagement and to relieve the stresses and mental trauma caused by to lockdown.
10. He then clued up the best practices followed by the department in teaching learning process.
11. He then reaffirmed everyone about the Agenda of today's meeting by reading the Agenda of the meeting.
12. He then requested the advisory board members to confirm the minutes of the DAB meeting dated 2nd August 2020 and the action taken report of the same. He also requested the board members to give their suggestions regarding the same.
13. The Minutes of meet and Action taken report were unanimously confirmed through comments and suggestions of the advisory board members in the meet.
14. **Mr.Mahendra Kapadia** greeted the department and appreciated the action taken over the last year's meeting.
15. **Mr.Subbabhrata Ghoshal** also appreciated the efforts taken by the department which he said is reflected in the increase in the number of Internships and publications by the department. He also appreciated the gesture of the institute in providing sponsorship for the training of the faculty members.
16. **Dr.Bhushan Patil** also appreciated the efforts taken by the department in improving the teaching-learning process. He suggested drafting policies for the IPR cell of the institute to manage the patents filed by the Institute. He offered to help the department in drafting the policies and training the faculty members regarding the filing of patents.
17. **Dr. R.V. Kale** then presented the Vision and Mission statements of the department.
18. **Mr.Mahendra Kapadia** suggested that the mission statement should include tech-savviness to keep abreast of Remote education technology and remote WFH culture of the real world during these tough times of the pandemic.


MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI
 (Permanently Affiliated to University of Mumbai)
DEPARTMENT OF MECHANICAL ENGINEERING
 (UG Program - NBA- Accredited; PG in Heat Power and Ph.D. Technology)

19. He also suggested having in-person exposure to cutting-edge technologies for the students to improve their understanding.
20. **Dr. R.V. Kale** further presented the curriculum gaps identified by domain groups in the R19 C Scheme syllabus for the Second year (Semesters III, IV) and Third year (Semesters V, VI).

Sr. No	Engineering Year	Domain	Identified curricular gaps
1	Second Year	Manufacturing	Designing of gating system, precipitation hardening, composite manufacturing
		Manufacturing	Understanding reverse engineering in manufacturing
2	Third Year	Manufacturing	Inclusion of more algorithms in automation and artificial intelligence
		Manufacturing	Tool Designations
		Management/ Humanities/ Science	Understanding disclosure agreements and creating awareness about government schemes
		Thermal Engineering	Understanding the concept of clean room fire, rated duct, and its selection criteria

These gaps were primarily noted in the areas of practical applications and alignment with industry standards. The board members unanimously agreed to the proposed curriculum gap for each semester as outlined. It was advised by board members that the curriculum gap may be addressed through Guest/Expert Lectures, Industrial Visits, Offering internships to students, remedial lectures by course faculty, and NPTEL lectures.

21. **Dr. R.V. Kale** then informed us about the upcoming International Conference on embracing Industry 4.0 technologies for sustainable growth (ICEI4.0). He then invited the Conference coordinator **Dr.Prathamesh Potdar** to elaborate about the same.
22. **Dr.Prathamesh Potdar** informed me about the themes and broad areas of the conference. He also listed the types of events to be conducted during the conference viz. paper presentation, quiz competition, essay writing, and CEO meeting.
23. **Dr. R.V. Kale** requested all the board members to be a part of the advisory board for the upcoming international conference.
24. **Mr.Subbabhrata Ghoshal** appreciated the step taken by the department in planning an International conference. He suggested the department carefully chalk out the time frame for each event to be held during the conference keeping in view the dates allotted for the conference.

MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI
(Permanently Affiliated to University of Mumbai)
DEPARTMENT OF MECHANICAL ENGINEERING
(UG Program - NBA- Accredited; PG in Heat Power and Ph.D. Technology)

25. **Dr. Bhushan Patil** advised to maintain the UGC norms for accepting the papers during the conference. He also suggested having collaborations for publications of all the papers in Scopus-indexed proceedings for a good response. He also suggested checking the papers strictly for plagiarism and even rejecting the paper if required.
26. **Mr. Akshay Kalyanpurkar** suggested organise an event during the conference that would showcase the practical applications of Industry 4.0 rather than limit only to theory.
27. **Dr. R.V. Kale** then requested the advisory board members to give suggestions on the Focus areas for the academic year 2021-22 from a placement point of view.
28. **Mr. Subbabhrata Ghoshal** advised the faculty members to find out the core companies in their field and send the list to the Placement cell. He suggested that the placement cell should contact these companies through emails and request them to visit the campus for recruitment.
29. **Dr. Bhushan Patil** upvoted the suggestion given by **Mr. Subbabhrata Ghoshal**, He also advised me to prepare huge a database of core companies and contact the same. He also advised me to keep on revising the database every year to improve the success rate of placements. He also suggested doing an audit to get clear data on the number of emails sent to companies and the number of responses received from them.
30. **Mr. Mahendra Kapadia** advised that the students should be motivated to undertake projects along with RGIT faculty members with support from the Institute- in the area of new products/services for water, power, and sanitation, in rural, tertiary towns. This will not only help in achieving sustainable development goals but also make students self-reliant to become entrepreneurs.
31. **Mr. Gautam Dubey** suggested having interactions with the alumni who are entrepreneurs to increase the chances of placements.
32. **Mr. Akshay Kalyanpurkar** suggested having a measure of performance for assessment and improvement in the teaching learning and placement process.
33. **Dr. R.V. Kale** confirmed that all the points of the agenda were discussed in length and he appreciated all the suggestions of the Department Advisory Board members.
34. **Hon. Principal Dr S.U. Bokade** extended a heartfelt gratitude to all the members and promised to consider and imply all the valuable suggestions given by the members. He appreciated their efforts to be connected with the Department and ensured the continuation of this bond for many more years to come.
35. There was no other business of agenda, the meeting thus concluded with a vote of thanks extended by **Dr. R.V. Kale** to all the advisory board members and faculty members present for the meeting.



Dr. R.V Kale

Head, Department of Mechanical Engineering