

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)

Minutes of Department Advisory Board Meeting

Dated 15th September, 2023

Venue: CAD CAM LAB

Meeting Date: 15th September, 2023.

Time: 10:00 am to 12:30 pm

The following Department Advisory Board members attended the meeting

- Mr. Subbabhrata Ghoshal
- Mr. Mahendra Kapadia
- Mr. Bhuvansingh Damahe

All the faculty members of the department attended the meeting.

Agenda of the meeting: -

1. Confirming the minutes of Department Advisory Board Meet dated 13th September, 2022 and action taken report of the same.
2. Awareness of Vision, Mission and PEOs of the department
3. National Education Policy 2020
4. New infrastructure development in the department
5. Industry interaction for Honors/Minors Program
6. Any other discussions with the permission of the chair

Summary of Discussions

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 department advisory board (DAB)

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members and faculty members of the department. He then requested Dr.S.U.Bokade to give the opening remarks.

Principal Dr.S.U.Bokade extended a warm welcome and sincere gratitude to all the DAB members present for the meeting. He expressed his gratitude to all the DAB members for their constant suggestions and support in shaping the department.

A discussion on various points in agenda was done.

Agenda 1

The agenda of the previous DAB meet dated 13th September, 2022 was read and minutes of meeting and the action taken on the suggestions were communicated to the members. Everyone agreed to confirm the minutes of the meeting and the action taken. However, there were few suggestions given by DAB committee. Mr. Ghoshal sir suggested that department may connect with IISc Bangalore robotics department for enhanced learning. Also, he suggested to connect with industries so that students can receive grant for the industry sponsored project. He suggested that he will share his industry connects for the same.

Agenda 2

Dr R V Kale read out vision, mission and PEOs of the department and informed everyone about the importance of its awareness among all the stakeholders.

Agenda 3

Dr R V Kale read out the National Education Policy 2020. Dr. Sanjay Bokade sir informed everyone that autonomous colleges are implementing the policy from this academic year whereas University affiliated colleges will start implementing the policy from next academic year. He also informed that he along with all the HoDs have attended seminar and workshops held by government to create awareness about NEP. Dr. Kale sir informed about three primary attributes of NEP namely, multiple entry and exit, education in regional

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languages and multidisciplinary education. He also informed about ABC which is academic bank of credit which is a digital storehouse that contains the information of the credits earned by individual students throughout their learning journey. Principal Sir reiterated that core objective of NEP is choice based education. All DAB members appreciated the NEP 2020. Mr. Kapadia sir said that this policy was much needed for India and it is a great government initiative to have application oriented knowledge. But he highlighted that Institute may face challenges in offering multilingual education. Mr. Damahe sir suggested to incorporate problem based learning in which real life problems faced by industries can be solved with multidisciplinary approach. He further suggested to have tie up with nearby commerce or law colleges to have multidisciplinary option wide open for students. Mr. Damahe also offered to provide 1 day training on IIoT and Industry 4.0 with nominal charges at L&T madh campus for RGIT students. Principal Sir suggested to take survey of students and interested students can opt for training may be in a batch of 20 to 25 students. Mr. Damahe sir also offered to provide plant visit for 5 to 6 faculties of the department to L&T Hazira plant which was well appreciated by principal sir.

Agenda 4

Dr R V Kale informed about CNC milling machine, new important addition in the department. He also informed that department has established three new labs namely IoT lab, E Yantra lab and second research lab. He also informed that to promote ethics, Institute has purchased Turnitin plagiarism software which used by all students from second year UG students to PhD. Research scholars. He further informed that department is soon planning to procure a 3D printing machine and Ansys software licenses.

All DAB members appreciated the initiative of checking plagiarism in the project reports right from second year of UG which will instill ethics in the youth.

Principal sir advised Dr. Kale sir to submit proposal of one full set up of 3D scanner and 5 3D printing machines as department is offering honors in 3D printing. Mr. Damahe sir suggested to procure atleast one metal 3D printer may be in collaboration with some industry. Principal sir further added that each lab in the department should have one machine with computer interface.

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Agenda 5

Dr R V Kale requested Prof. A. L. Mangrulkar to brief about Honors/Minors Program offered by the department. Prof. A. L. Mangrulkar briefed about honors in 3D printing and Minors in AI and ML offered by the department and how project based learning is incorporated in the same. Dr. K. M. Chaudhari added that few students are already working on industry based project in the upcoming application areas like predictive maintenance. However, Dr R V Kale said that department is looking for extended help from the industry so that students can do project to solve real life problems. Mr. Damahe sir suggested that L&T madh campus has failure prediction setup and RGIT students can have a demonstration visit to enhance their knowledge. He further suggested that department can ask students to formulate problem statements on failure production of some simple parts of machines available in the department and apply AI and ML for the same which will help in problem based learning offered to students of honors/minors program by the department.

Agenda 6

Dr S. U. Bokade sir said that faculty development is necessity and he advised Dr.R.V.Kale to plan one industrial visit in each semester for faculties of the department. Dr.R.V.Kale informed everyone that department has already taken a good initiative of assigning one faculty for each student undertaking internship in the Industry and faculties were asked to visit the industry for reviewing students' progress. Dr S. U. Bokade sir appreciated the initiative and suggested to continue the same.

Dr.R.V.Kale confirmed that all the points of the agenda were discussed in length and appreciated all the suggestions of the DAB members.

Principal Dr S.U. Bokade extended heartfelt gratitude to all the members and promised to consider 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

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There was no other business of agenda, the meeting thus concluded with a vote of thanks extended by Prof. N. K. Deshmukh to all the DAB members and faculty members present for the meet.



Dr. R.V Kale

Head, Department of Mechanical Engineering