

MCT
MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI
(Permanently Affiliated to University of Mumbai)
Department of Computer Engineering
Advisory Committee Meeting dated 06 July 2017

The Meeting of the Advisory Committee was held on 6 July 2018 at RGIT's conference room.

Following members were present for the meeting:

1. Dr. Udhav Bhosle, Principal, RGIT (In the Chair)
2. Mr. Shivaji Navtakke, Sir Automation
3. Dr. M. M. Chandane, VJTI, Mumbai
4. Mr. Vinay Pillai (Alumni)
5. Ms. Prathana Raika (Alumni)
6. Ms. Ritika Singh (Alumni)
7. Mr. Manthan Desai (Alumni)
8. All staff members from computer Engineering RGIT

Agenda for the meeting:

1. To approve the minutes of last advisory committee meeting.
2. Assessment of Vision and Mission of the Department.
3. Assessment of Program Educational Objectives, Program Outcomes and Program Specific Outcomes of the Department.
4. Steps to be taken for the attainment of Pos/PSOs.
5. Improvement in Teaching Learning Process.
6. Suggestions for improvement in Industry- Institute Interaction and Placements.
7. Overall improvement of Academics and Research.
8. Any other point of relevance.

Minutes of Advisory Committee Meeting

- The meeting started with an address by Hon. Principal Dr Udhav Bhosle extended a warm welcome to all the advisory committee members. Addressing the members, he gave brief introduction about the Institute. He requested all the stakeholders to give kind guidance for the knowledge enrichment and overall growth of students. Also he asked guidance from the stakeholders for better improvement in placements and preparing students to fulfill industry requirement.
- The Head of Computer Engineering Department Dr. Satish Ket gave brief introduction about Computer presented minutes of last academic advisory committee meeting for approval, highlighted the present Vision, Mission, Program Outcomes (PO's) and Program Specific Outcomes (PSO's) of Computer a.
- He presented the action taken report by department and explained the agenda of the advisory committee meeting.
- Thereafter, the members discussed on the agenda items and following suggestions were made:
 1. Mr. Shivaji Navtakke suggested,
 - Conduct mini projects

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- Boost confidence and creativity of students
 - Emphasis on project based learning
 - Ask students to create algorithm by their own not to copy
 - Bring latest technology (both H/W and S/W - commercial and open source) and platforms at campus
 - Improve Industry Institute interaction and participation of students in industry projects
 - Add value education and do more practice
 - Communication skills of students need to be observed and improved
2. Dr. M. M. Chandane, suggested,
- Focus on quality of students going out of college instead of quantity
 - Spend more time with students
 - Concept based learning
 - Outcome based education
 - Motivation for self study
 - Provide study material of self study portion from syllabus to students
 - Adopt Blooms Taxonomy
 - Identify bright and weak students
 - Application oriented questions should be asked in question paper based on basic concepts
 - Project should include analysis approach
 - Teachers should change their views towards teaching-learning
 - Mentoring is more required for first year students
 - Few senior students along with faculty should mentor the junior students
 - Permit bright students in batch to help weak students in problem solving
 - Third and fourth year students along with faculty should conduct some courses for first and second year students
3. Mr. Vinay Pillai, suggested,
- Senior student mentoring is good
 - Improve Industry Institute interaction
 - Assign credits for internship
 - College level student body can help to change the attitude of students for facing interviews and help in placements.
4. Ms. Prathana Raika, suggested,
- Growth in students Internship activity needed
 - Allocate faculty members to keep track on students Internship activity. Students should give brief presentation on what they have learned during Internship
 - Entrepreneurship cell must be established
 - Conduct Workshop on Start-Ups
 - Arrange paid expert talks for growth of students
 - College management should provide some funds for Entrepreneurship cell

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5. Manthan Desai suggested,
 - Project should be more research driven
 - Cultivate consultancy mind set during graduation
 6. Ms. Ritika Singh, suggested,
 - Reduce credits at university level
 - Students should participate in online coding, ethical hacking competition
 - Improve problem solving ability of students during practical session
 - Provide enough resources to all the interested students.
 - Conduct prize ceremony to boost confidence of students
 - Maintain the code of earlier projects for the next batches to continue
- The meeting ended with a vote of thanks to all the advisory committee members by Head of IT Department Dr. Satish Ket.

Head, Computer Dept.

Action taken:

In the last meeting various points have been discussed towards the improvements of Academics and overall performance. Few of the points suggested by honorable members are:

1. Start training program for placement.

Action taken:

We have started the soft skill training program for student by Campus Credentials, Smart ways, Mr. Subho Ghosal, Ex. CEO from TVS India Ltd. For technical skill we conducted training on Cyber security by ATS Infotech. 103 students participated. Recently, another training program on IOT was conducted by ATS Infotech. 21 students participated.

2. Introduce recent trends subjects in curriculum.

Action taken:

Introduction of new subject in the curriculum is not under our control as we are affiliated to University of Mumbai but we have encouraged students for NPTEL courses . Last year 80 students done various courses of their interest. Conducted On Line Python workshop in association with IIT Bombay, two times. More than 100 students and faculties participated each time.

3. Promote the culture of research of innovation.

Action taken:

Three groups of students participated in Hackathon 2017 & 2018. D-link have donated networking equipments & high end switches. We, along with interested students will be working on it. Let's hope something fruitful outcome will come.

4. Faculty training to know about new techniques.

Action taken:

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13 staff members attended STTPs at various institutes on topics like Big data, Data mining with R, WSN for IOT, Python, Cryptology, Machine learning, IOT (Raspberry Pi).

5. Student mentoring required.

Action taken:

Student mentoring is started now. For each batch (10-23 students), one teacher is allotted. He/She will look after the same student till they pass out.

6. Change the rigidity of experiments and assignments.

Action taken:

Every year we do change few experiments. We do give different programs to different batches. We do give assignments on the recent topics relevant to the subject.

7. Experiments should be application oriented.

Action taken:

Wherever possible we do give mini projects, which solves a specific problem.

8. Industry, Institute interaction is needed.

Action taken:

As a part of Industry interaction, a batch of 60 students visited Cisco Networking labs, Pune, GMRT, Giant Metrowave radio, Telescope, Khodad, Pune, Saras Dairy automation plant, Jaipur, Dainik Bhaskar printing press and My FM 94.3 radio station, Jaipur. Apart from these visits we arrange expert talks from industry persons like Mr. Shivaji Navtakke from Sir Automation, Abhishek Sawarkar from Arya.ai, Chinmay Sharma on Block chain , Ranjeet Walunj from CTO, B2X Care solutions.

68 students have gone for internship of 4-8 weeks at various industries like BARC, Capgemini, Inforbahn, Quorg technology, Citryx, Central Railways etc.

9. Focus on problem solving skills along with academics.

Action taken:

We do encourage the students to use different editors like Codex, NPTEL to solve the assignments. Due to this practice they feel easier to give online problems solving competitions like CODEX online coding etc.

10. Need of seminars from the Industry persons.

Action taken:

As listed in point no. 8.

11. Extra-curricular activities are helpful for bright carrier.

Action taken:

So many social activities are conducted through SOCH. Blood donations, Go green, Beach cleaning etc.

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12. Teacher should do the research and publish the work.

Action taken:

Around 40 papers are published by department teachers on various journals and conferences.