ARMY INSTITUTE OF TECHNOLOGY
Dighi Hills, Alandi Road, Pune 411 015
Department of Electronics & Telecommunication Engineering

Academic Advisory Committee Meeting
Minutes of Meeting

Meeting of Academic Advisory Committee (AAC) was held on Saturday **5th Dec 2020 at 10.00 am** in Online Mode on Microsoft Team platform. Following members were present for the meeting:

Name	Designation	Role in the Committee
Dr. B P Patil	Principal	Chairperson
Dr. G R Patil	HOD (E&TC)	Member Secretary
Dr. Mrs. K S Surekha	Professor in E&Tc. Engg	Faculty Member
Prof. Dr. P. B. Karandikar	Associate Professor in E&Tc. Engg	Faculty Member
Dr. Y. Ravinder,	Professor & Dept. of Electronics Engg., PICT, Pune	Member (Academician)
Mr. Abhijit Deogirikar	MD & Chairman CopperCloud IoTech Pune	Member (Industry)
Mr. Baikunthnath Dwivedi	Alumni AIT	Member (Alumni)
Mr. Saumyakanta Khatau	BE E&TC	Student Member
Mr. Pranay Agarwal	BE E&TC	Student Member
Mr. Gaurav Mishra	TE E&TC	Student Member
Ms. Snehal Marathe	Assistant Professor	Faculty Coordinator
Ms. Rajashree Suryawanshi	Assistant Professor	Faculty Coordinator
Ms. Dhanashri Patil	Assistant Professor	Faculty Coordinator

Agenda of the Meeting:
1. Discussion on Academic performance
2. Industry-Institute Interaction Initiatives
3. Placement & Higher Studies
4. Revised Curriculum for SE to BE
5. Online Teaching Learning
6. Discussion on Vision, Mission and PEOs
7. Any other point with Permission of Chair

Minutes:

S. No	Description	Action/Info
1.	**Agenda 1: Discussion on Academic Performance & Improvement** There was a discussion on academic performance of the students in the year 2019-20, Sem-II SPPU exam. The examination was conducted in online mode. Performance of Students were graded on their previous performance as well as semester II performance in In-Sem. Regarding Final year were conducted fully in online mode. Students have performed well compared to offline mode.	Committee

S. No	Description	Action/Info
2.	**Agenda 2: Discussion on Department Activities** Dr. G R Patil listed the activities related to FDP, Workshops, Seminars and Guest Lectures in offline and online mode for the AY: 2019-20. Major FDPs were the FDPS conducted with IITDM Jabalpur in Summer and Winter. Five FDPs were conducted under IITDM Jabalpur and Live Webinar's were conducted by our Alumni. Activities Includes Students workshops and Faculty Development Programmes. The suggestions from AAC during discussion on Department Activities & Improvement are as follows: ➢ Student members suggested that TE and SE students should also be included in these FDP's./workshops	Committee HOD E&TC
3.	**Agenda 3: Industry Institute Interaction** ➢ Students are doing internships. ➢ Association with Mr. Abhijit Deogirikar and Robo.in for joint projects and collaborations. ➢ Due to pandemic industrial visits were not conducted but many alumni briefed our students about various technologies. ➢ Entrepreneurship development cell of the college is working at the central level and students are also participating in it with some dedicated faculty. ➢ Mr. Abhijit Deogirikar is also conducting a course for students on Project Management. It is an Industry Exposure series, that includes project management, project plans & estimates, risks and various tools like Gantt chart, agile board and scrum. One-hour class is conducted every week. The suggestions from AAC during discussion on Industry Institute Interaction are as follows: ➢ Dr. G. R. Patil suggested student members to ask their colleagues to join for the above-mentioned course on Project Management. ➢ Y. Ravinder Sir appreciated the work done by the department in this pandemic. He also spoke about online internships offered by various companies and some reputed institutes like IIT's. He also suggested Coursera internships and online internships from abroad depending on students interests ➢ Students should inform about the internships to the college authorities and also whether it is technical, nontechnical or social. ➢ Dr. G. R. Patil mentioned about incentives in the form of attendance for internships.	Committee Student Members Internship I/C

S. No	Description	Action/Info
4.	**Agenda 4: Revised Curriculum for SE to BE** ➢ Dr. G. R. Patil suggested that some credits for the internships should be allocated for the third year and final year students by the BOS. ➢ Regarding revision of syllabus for second year students some subjects like Electronic Skill Development and Data Analytics lab subject are introduced. ➢ Mr. Baikunthnath D. gave some inputs on Electronics like Electrification which includes Power Electronics and grids. Application areas are Electric vehicles, Electrification in aerospace moving from fossil fuels and clean energy sources. Then VLSI, Power Electronics, Control systems, MATLAB, Model based developments, HIL, XIL and Analog and Digital technologies should also be included. ➢ Student member suggested to include derivations of various formulas in the syllabus on some topics. ➢ Student member also suggested to include semiconductor technology scope in embedded and VLSI. ➢ Prof. Y. Ravinder suggested that Learning capacity is more important than what we learn at the under graduate level. Electronics engineer is prepared based on the requirement of higher studies and core technology as per the industry so that he can switch over to any area. ➢ He also said that an engineering graduate should have attributes like the 12 Programming outcomes given by NBA along with Domain knowledge, Communication skills, life skills and Programming skills. ➢ He also mentioned that University is suggested to include Elective subjects for the third year students and also provide certificate programmes for 40 to 80 hours by the colleges individually. ➢ Mr. Abhijit Deogirikar suggested about remote connection internships with VLSI Center of Excellence of Amravati. ➢ Mr. Baikunthnath D. added that soft skills, program management and project management should be included for final year students that will help them in long term for project implementation. ➢ He also said that some lectures on career coaching should be included to the students to guide them to achieve their goals.	**Info:** Committee **Action:** HoD E&TC
5.	**Agenda 5: Online Teaching Learning** ➢ Dr. G. R. Patil first mentioned about online teaching which started from 1st July 2020 to till date. ➢ He also mentioned about the online platforms used for the current semester in this pandemic like, Microsoft team's platform along with Moodle, ERP , MS forms for conducting quizzes.	**Info:** Committee

S. No	Description	Action/Info
	➢ Students are in touch through email's, WhatsApp and the continuity is not hampered. ➢ He also said that the challenge of hardware practical's is handled by presenting the video. ➢ Ms. Rajashri Suryawanshi mentioned about Multisim Live platform for Electronics Circuits practicals. The suggestions from AAC during discussion on Online Teaching Learning are as follows: ➢ Prof. Y. Ravinder suggested about performing the experiments through virtual labs from IIT's, Multisim Live and virtual instruments. ➢ Mr. Baikunthnath D. suggested that on hands training is very critical for hardware practical's, so plans should be proposed by calling students on board to perform them individually. ➢ He also said that safety measures are taken care for industry people who are working on hardware. The college should also work on the same line. ➢ Prinicipal sir mentioned about the suggestion given to the University about the plan to conduct the hardware practical's, i.e., SE and TE students of E&TC and Mechanical branch should be called first so that physical distance is maintained. ➢ Mr. Baikunthnath D. suggested about purchasing low-cost measurement instruments like DSO, DMM and evaluation boards so that students can perform the hardware practicals at their place itself.	**Action:** All Faculty
6.	**Agenda 6: Vision, Mission and PEO's** ➢ Dr. G. R. Patil sir displayed the currently revised Vision and Mission of the institute to inform the various stakeholders. ➢ He also mentioned about current vision and mission of the department and reorientation of these statements inline with the revised Vision and Mission statements of the Institute. The suggestions from AAC during discussion on Vision, Mission and PEOs are as follows: ➢ Prof. Y. Ravinder suggested to pick up some keywords from institutes vision and mission statements and some from department's vision and mission and find the percentage of matching of the keywords. 60 to 70% mapping is required. ➢ He also suggested to retune the PEOs with the same mapping process as required by NBA. ➢ Mr. Baikunthnath D. suggested that as technologies are changing to IOT, Data Sciences, Artificial Intelligence and	**Info:** Committee **Action:** I/C Faculty

S. No	Description	Action/Info
	Electrification, the vision statement should be made generic instead of specific technology. ➢ Principal Sir commented that as NBA asks for justifications of efforts taken towards center of excellence in a particular domain, the vision statement should be a generalized statement to show the micro plans about the efforts and outcomes of these efforts.	
7.	Lastly Mr. Abhijit Deogirikar suggested about conducting online industrial visit i.e., a virtual tour of industry for students for an hour to show them all aspects about PCB design to testing and challenges, product conceptualization to hardware to software and entrepreneur aspects. Dr. G. R. Patil also asked Mr. Baikunthnath D. to suggest some online industrial tour in his organization. Student members also suggested to conduct these online industrial tours for them and would be interesting. The meeting was over with concluding remarks from Principal Sir giving assurance for implementing the valued suggestions of AAC.	**Action:** I/C Faculty

Committee Members

Dr. B P Patil

Dr. G R Patil

Dr. Mrs. K S Surekha

Prof. Dr. P. B. Karandikar

Dr. Y. Ravinder,

Mr. Abhijit Deogirikar

Mr. Baikunthnath Dwivedi

Mr. Saumyakanta Khatau

Mr. Pranay Agarwal

Mr. Gaurav Mishra

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