

REPORT

- Activity** : Board of studies meeting [Term-II]
- Details** : SY (Sem – IV), TY BTECH (Sem – VI) &
BTECH (Sem – VIII) course discussion
- Trigger Point** : Overview and discussion of SY, TY & BTECH (SEE)
curriculum for new semester
- Date** : December 02, 2019
- Venue** : Examination section hall
- Level of the Event** : Department (E&TC/ETX)
- Coordinator** : Prachi R Rajarapollu
- Attendees** : SY, TY & BTECH (SEE) Faculty members
- No. of Participants** : 45

BoS chairman and representatives	05
BoS members	27
Total No. of Participants / Faculty members	32

- Resource Faculty** : Dr. Krishna Naik, Representative Research, DRDO
Pune.
Dr S P Metkar, University representative, Department
of Electronics & Telecommunication Engineering, COE
Pune
Mr. Amit Saxena, Industry representative, Aliance
Solutions Pvt. Ltd, Pune

**Mr. Amol Dere, Industry representative and alumni,
Manager, Automotive Research Association of India
(ARAI), Pune**

Objectives :

- To validate the course content of final year
- To scrutinize the SY, TY & BTECH (SEE) Curriculum design
- To develop world-class curriculum for the students
- To design the course content useful for placement and entrepreneurship

Outcomes :

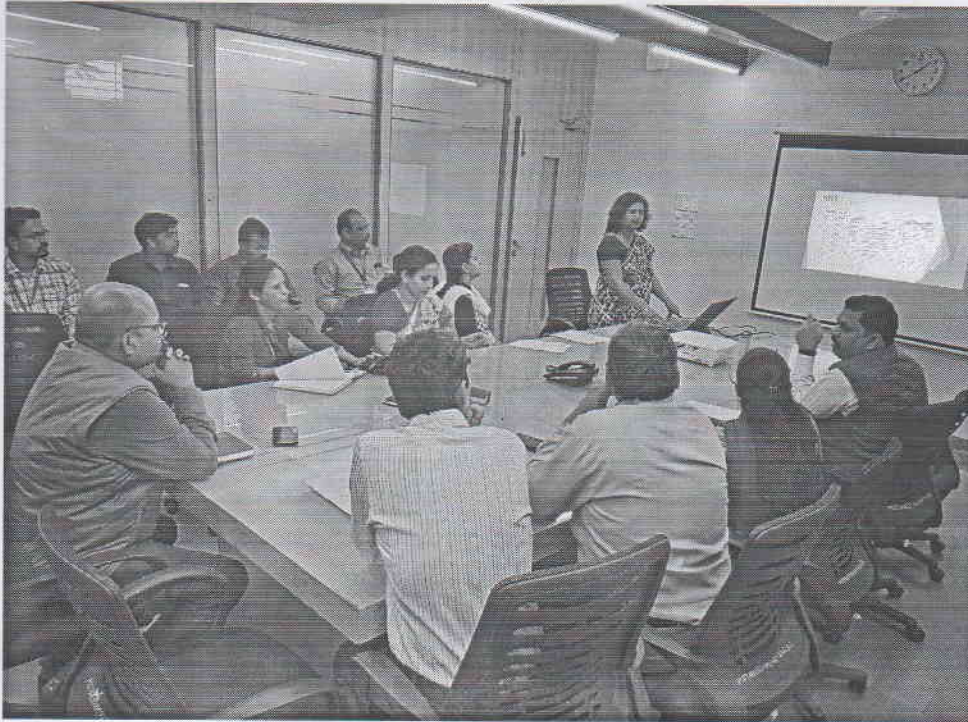
- Analyze and appreciated the structure of curriculum designed.
- Modification in some of course content had been discussed.
- Directed to change the laboratory content as per industry requirement
- Elaborated the various parameters related to curriculum design.

Dean (SEE) welcomed the BoS representatives and members. Introduction of course structure and agenda is elaborated by Mrs Prachi Rajarapollu. The experts analyzed the same and proper justification was given by the Dean and course champions.

Other Remarks :

- Curriculum designed was well appreciated by guests
- BoS representatives more emphasized on designing curriculum useful for product development and entrepreneurship.
- Students overall development should be the aim of school
- As per the BoS members make space for increasing the percentage of discipline core courses.
- Complete minutes of meeting has been attached with this report.

Photographs :



Curriculum structure presentations to the BoS Members



School dean and faculty interaction with auditors



Course presentation by Faculty



Course presentation by Faculty



Interaction and discussion with BoS members


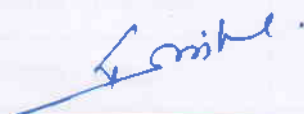
Prachi
Dr Prachi R Rajarapolu
Autonomy coordinator

Debashish
Dr Debashish Adhikari
Dean School of Electrical Engineering

MIT Academy of Engineering (An Autonomous Institute)		MINUTES OF MEETING	
Alandi (D), Pune - 412 105		ACADEMIC YEAR	: 2019-20
SCHOOL OF ELECTRICAL ENGINEERING		DATE	: 2/12/2019
		TYPE OF MEETING	: BoS
Initials of Attendees: DA, KN, SPM, AD, AS, DYS, RPB, UYV, PRR, SAP, SAK, VBK, SSK, SKR, VST, NVB, AKK, AVN, DMD, SDD, MRN, SSN, ADC		Leave of Absence: VAK, HRL, MMB, ABC	
Minutes of the Meeting:			
Sr. No.	Minutes	Responsibility	Target Date
1	The Chairman welcomed all the members of the Board. He introduced all the internal & external members.	Course Champion & Members	Academic Year 2020-21
2	The forum was then opened for discussion.		
3	The Chairman briefed about the last minutes and the agenda for the current meeting.		
4	Departmental presentation initiated by PRR		
5	Mission and vision had been discussed with BoS members, and proposal has been put to revise it. BoS members have given approval for the same. Mission and Vision of department / School must be in line with Mission and Vision of institute suggested by members.		
6	<p>ATR of Previous year and PO and PSO was discussed.</p> <p>Discussion on proposed course structure is also initiated, BoS suggestions over course structure</p> <ul style="list-style-type: none"> • Every semester some Mathematical courses must get included in course structure. • Project Management and System Engineering courses can be clubbed together so that there will be space for department core courses to include. • Instead of Minor Project include some skill or language courses for the enhancement of soft skill. • MATLAB is one of the important programming languages for E&TC and ETX students and as per the BoS member 		

	<p>suggestion it must be teach in depth.</p> <ul style="list-style-type: none"> • Instead of Material Engineering some department core course like, Electromagnetic Theory can be included in course structure in third year. 		
7	After the review of the previous BoS MoM, course presentation of BTECH courses is initiated by respective course champions.		
8	CAS syllabus was presented by Dr. D. Adhikari. Course is heavy suggested by Dere sir. Infrastructure should be more supportive to conduct practical. Dr. Naik appreciated the text books referred for framing the syllabus.		
9	BME was presented by U. Y. Verma. Dr. Metkar suggested to introduce running problems of brain in syllabus. Also as per the guest expert from industry can explain this topics more effectively.		
10	Artificial Intelligence course was presented by Dr. R. P. Borse. Dr. Naik suggested to change the unit names given. Also it had been observed that the introduction to fuzzy logic is given in unit title but in unit no contents are there related to fuzzy logic. Course name may be the AI concepts as per the content of syllabus. NLP is not linking with deep learning.		
11	As the course do not have practical component, to cover the practical related topics keep case study component which will help the students to understand practical concepts. Suggestion given by Dr Naik.		
12	SSP- presented by SAP. As per the BoS member and syllabus is very heavy and it will be difficult to cover up the all contents of the course in stipulated time period. It was suggested to reduce the contents and some case studies also.		
13	RTOS (OE)- presented by VST. As per the guest syllabus is too short. Increase the depth of the course, Include specific OS in the syllabus due to which students will be aware of at least one OS in detail. Revised the practical hours.		
14	Intelligent & High Performance Robot – Mr. Amol Dere suggested to change the name of unit I & V, also the unit II and IV may be swapped. Also suggested to build some practical application on Automobile, Process Automation, Biomedical etc.		
15	Mr. Amol Dere commented on the gap between Real robotics used in industry and actually being taught in class. As per him robotics course will be more effective if it has been teach by considering real time applications.		
16	Computer Networks course can be replaced by data communication. Also there should some theory components		
		Course Champion & Members	Academic Year 2019-20

	should get include in E&TC syllabus related to CN as this branch is related to communication.		
17	Consumer Electronics-Presented by DMD. Dr. Metkar commented that the course is not fit for final year, it may be in SY or TY OR give more exposure to practical. Theory paper is not relevant for subject.		
18	At the end all the BoS members suggested to put one slide in presentation which shows the table of previous three BOS and action taken, so that it will be closed loop.		

Prepared By	Approved By
	
Autonomy Coordinator	Dean, School of Electrical Engg.

MITAcademy of
Engineering**School of Electrical Engg.**

Advancing Humanity through Technology

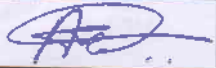

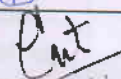

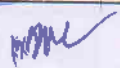
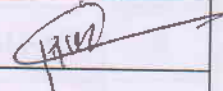

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ATTENDANCE SHEET : BOARD OF STUDIES

Day	Monday	Date	02.12.2019
VENUE	Examination Section	Time	1:00 PM

Sr. No.	Name	Designation	Sign
1	Dr. Debashis Adhikari	Chairman	<i>[Signature]</i>
2	Dr. Krishna Naik	Representative - Research	<i>[Signature]</i>
3	Dr. S.P. Metkar	Representative - Academics	<i>[Signature]</i>
4	Amol Dere	Representative - Industry	<i>[Signature]</i>
5	Amit Saxena	Representative - Industry	<i>[Signature]</i>
6	Dr. Mahesh D. Goudar	Member	—
7	Prabha S. Kasliwal	Member	—
8	Dr. Dipti Y. Sakhare	Member	<i>[Signature]</i>
9	Dr. Rushikesh P. Borse	Member	<i>[Signature]</i>
10	Usha Y. Verma	Member	<i>[Signature]</i>
11	Dr. Prachi R. Rajarapolu	Member	<i>[Signature]</i>
12	Satyajit A. Pangaonkar	Member	<i>[Signature]</i> 02/12/2019
13	Shridhar A. Khandekar	Member	<i>[Signature]</i> 2/12/2019
14	Vinayak B. Kulkarni	Member	<i>[Signature]</i>
15	Satish S. Kabra	Member	
16	Smita S. Kulkarni	Member	<i>[Signature]</i>
17	Savita R. Pawar	Member	
18	Shilpa K. Rudrawar	Member	<i>[Signature]</i>
19	Vinaya S. Tapkir	Member	<i>[Signature]</i>
20	Nutan V. Bansode	Member	<i>[Signature]</i>
21	Dr. Aniket D. Gundecha	Member	<i>[Signature]</i>
22	Mrunalini H. Chavaan	Member	

Sr. No.	Name	Designation	Sign
23	Vaishali A. Katkar	Member	
24	Hitesh R. Lodha	Member	
25	Mandar M. Bhalekar	Member	
26	Amar B. Chavan	Member	
27	Aniket K. Kemalkar	Member	
28	Prashant K. Aher	Member	
29	Amit V. Nagarale	Member	
30	Dhananjay M. Devare	Member	
31	Ashish Srivastava	Member	
32	Swapnil D. Daphal	Member	
33	Mandar R. Nalavade	Member	
34	Sandeep S. Nagre	Member	
35	Mahesh C. Vibhute	Member	
36	Ashitosh D. Chavan	Member	
37	Uday P. Mithapelli	Member	
38	Nikhil B. Sardar	Member	

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AGENDA

BTECH (SEE) BoS MEET

TERM – II [2019-20]

DAY	MONDAY	DATE	December 2, 2019
TIME	09.30 AM	VENUE	EXAMINATION SECTION

Sl. No.	Activity Planned	Scheduled Time
1	Welcome Address	9.30 AM To 10.00 AM
2	Overview of School of Electrical Department, discussion on action taken report of previous BOS	10.00 AM To 10.30 AM
3	Review of revised BTECH (E&TC,ETX) curriculum structure	10.30 AM To 11.00AM
4	Discussion on BTECH (E&TC,ETX) course syllabi	11.00 AM To 12.30 PM
5	Consultation on Major Projects	12.30 PM To 1.30 PM
6	Open Discussions and suggestions	2.30 PM To 3.30 PM
7	Vote of Thanks	3.30 PM


Prachi Rajarapollu
Autonomy Coordinator

LIST OF BOARD OF STUDIES (BoS) MEMBERS

Sr. No.	Name	Designation	Organization
1	Dr. Debashis Adhikari	Chairman	MIT AOE, Alandi
2	Dr Krishna Naik	Representative - Research	R&DE (DRDO), Pune
3	Dr. S P Metkar	Representative University (E&TC)	COEP, Pune
4	Mr. Amit Saxena	Representative - Industry	Aliance Solutions Pvt. Ltd
5	Mr. Amol Dere	Representative - Industry	Manager, Automotive Research Association of India (ARAI), Pune

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ACTION TAKEN REPORT
BTECH (SEE) BoS – December 2, 2019**TERM – II [2019 – 20]**

DAY	Monday	DATE	December 2, 2019
TIME	9.00 AM	VENUE	Examination section

Sl. No.	BoS Suggestions	Action Taken
1	Minors floated within the Department need to be revised	Work in progress
2	Courses related to good programming language can be floated to enhance programming skills of students	Course structure revision has been started
3	Courses related to Entrepreneurship and project management can be included	Work in progress
4	In the course Artificial Intelligence contents for first three units can be revised to make it more application base.	Course revision is done

5	For the course Speech Signal processing, content can be reduced to cover all the topics in stipulated time period.	Course revision is done
6	Course RTOS is very light as per the content, some topics can get included in the syllabus to improve understanding level of students and depth of embedded system minor.	Course revision is done
7	MatLab programming language must be taught in detail with proper credits to pass.	
8	As department elective courses offered by the department do not have practical component, topics related to practical concept can be covered through case study examples.	
9	Extra activities like workshop, training program, coding competition, circuit design competition, project competition for grooming the students.	
10	Promote the students to appear for GATE examination, competitive examinations, civil service examinations etc.	

PPR
Dr. Prachi R Rajarapollu
Autonomy Coordinator

D. Adhikari
Dr. Debashis Adhikari
Dean (SEE)