

1.4.1 Structured feedback and review of the syllabus

For the revision of syllabus inputs and suggestions from the important stakeholder as – Students, Teachers, Employers and Alumni plays a key role. Collection of these feedback is a regular process by the following ways:

- Course Exit Survey from Students
- Employers Feedback on course
- Teachers, Alumni, Parents, Employers, and Academician inputs during the Academic Council (AC) and Board of Studies (BoS) meeting.
- Team of course Teachers discussion

MIT

Academy of Engineering

(An Autonomous Institute Affiliated to SPPU)

Batch Exit Survey

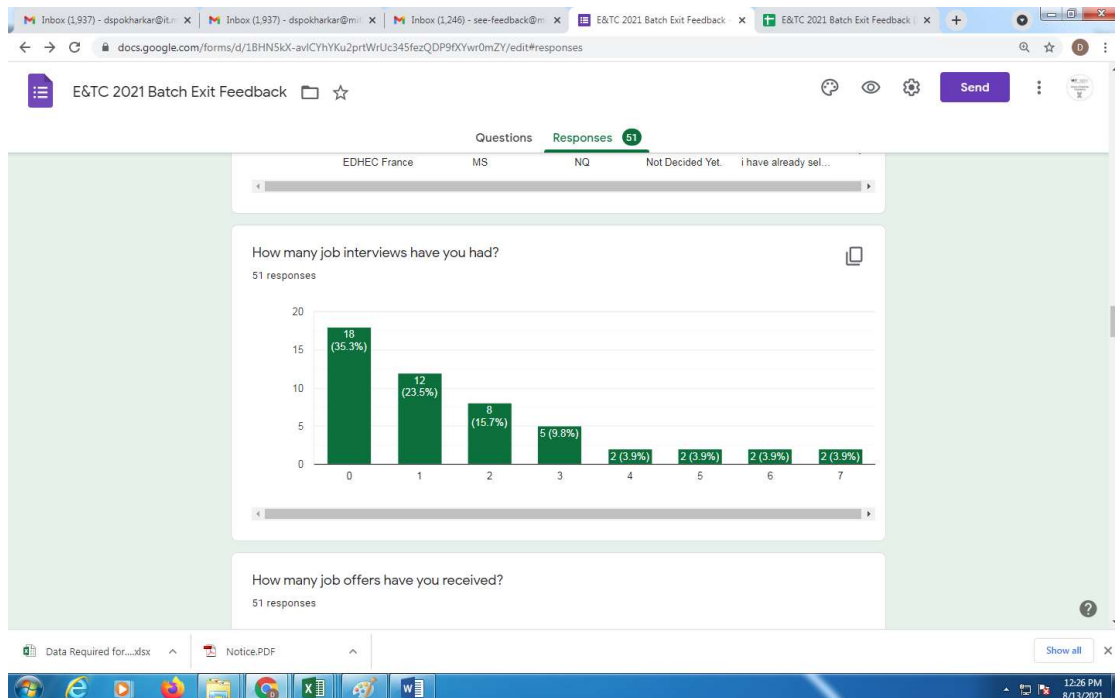
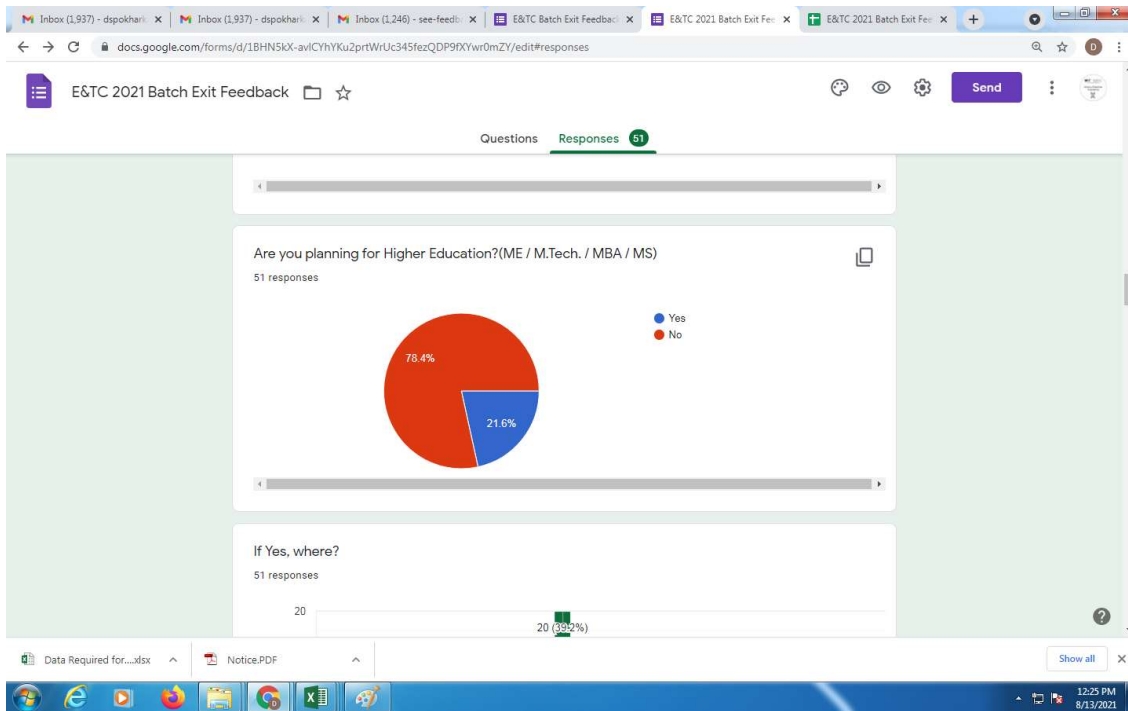
ACADEMIC YEAR

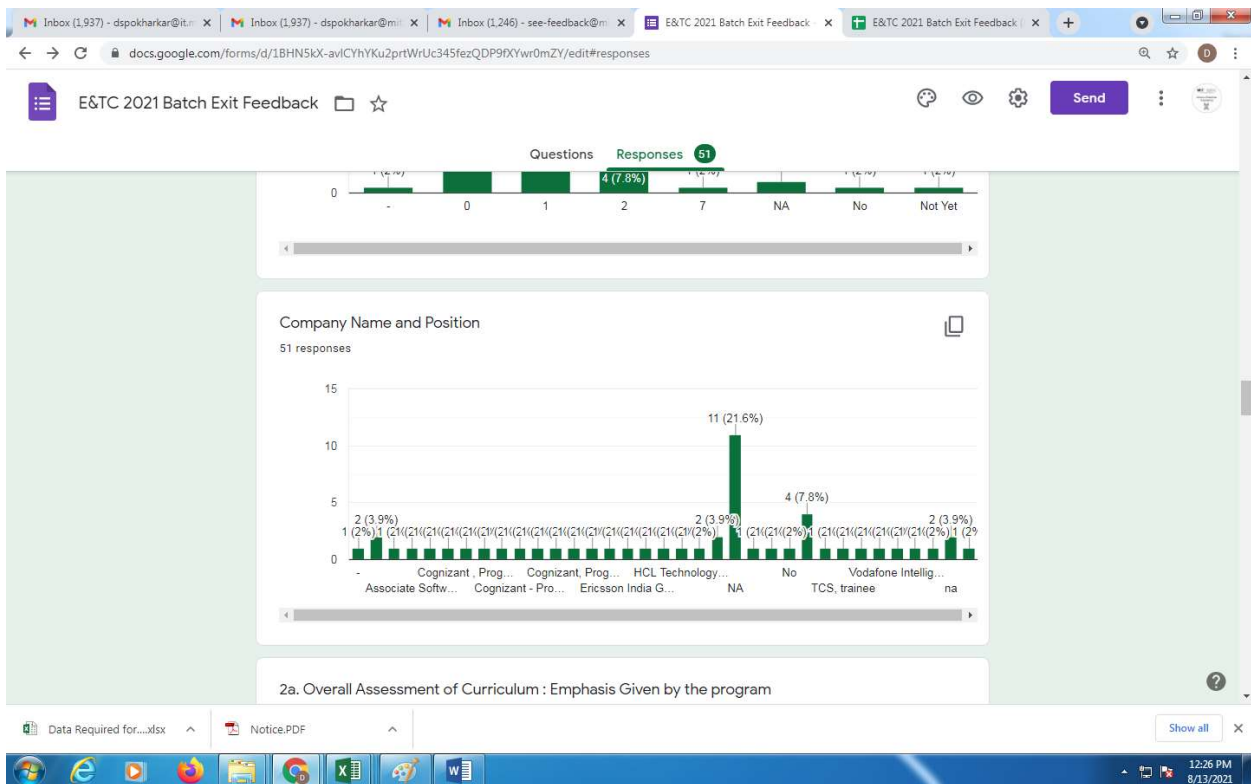
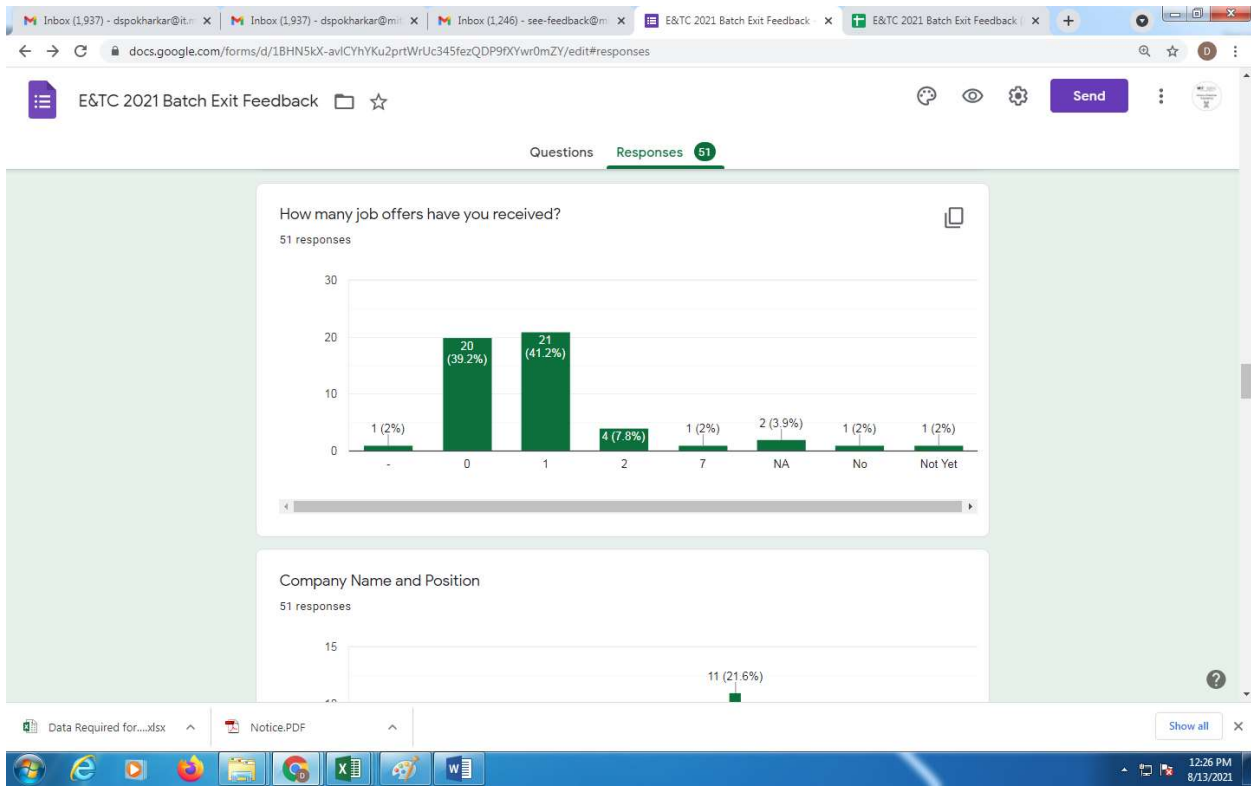
2020-21

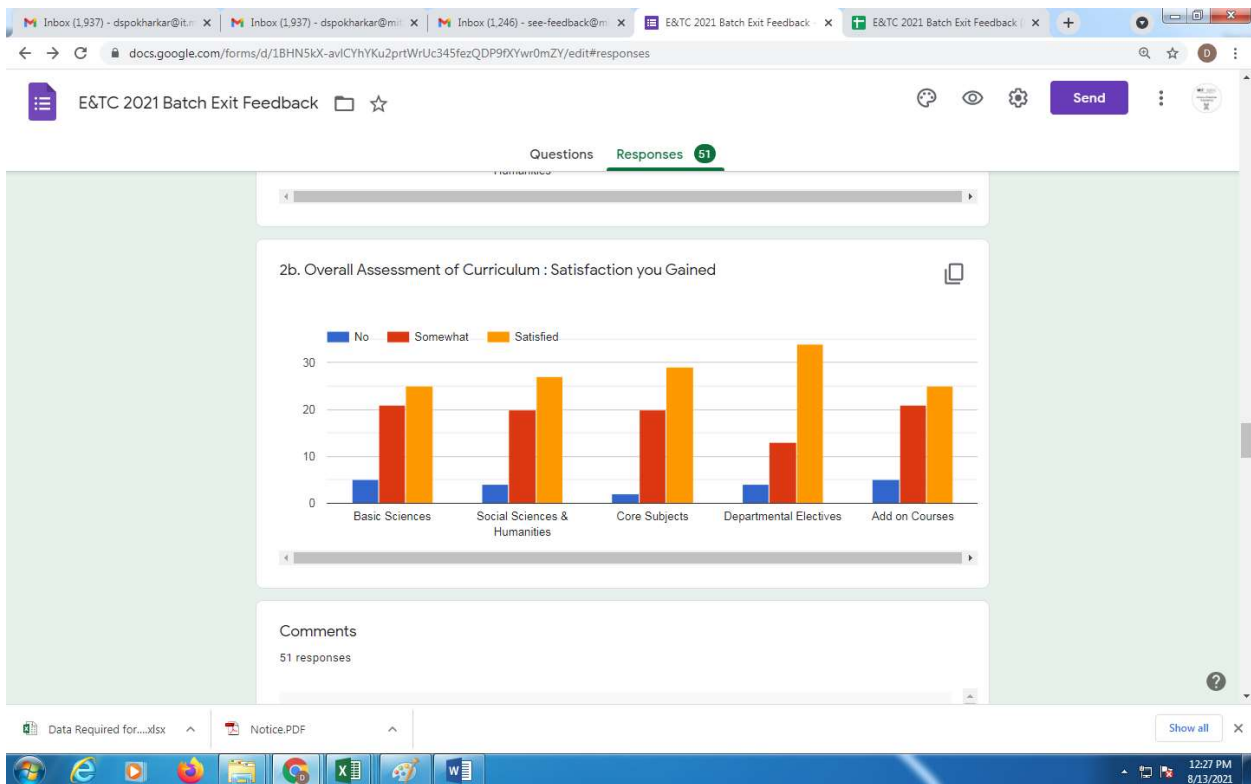
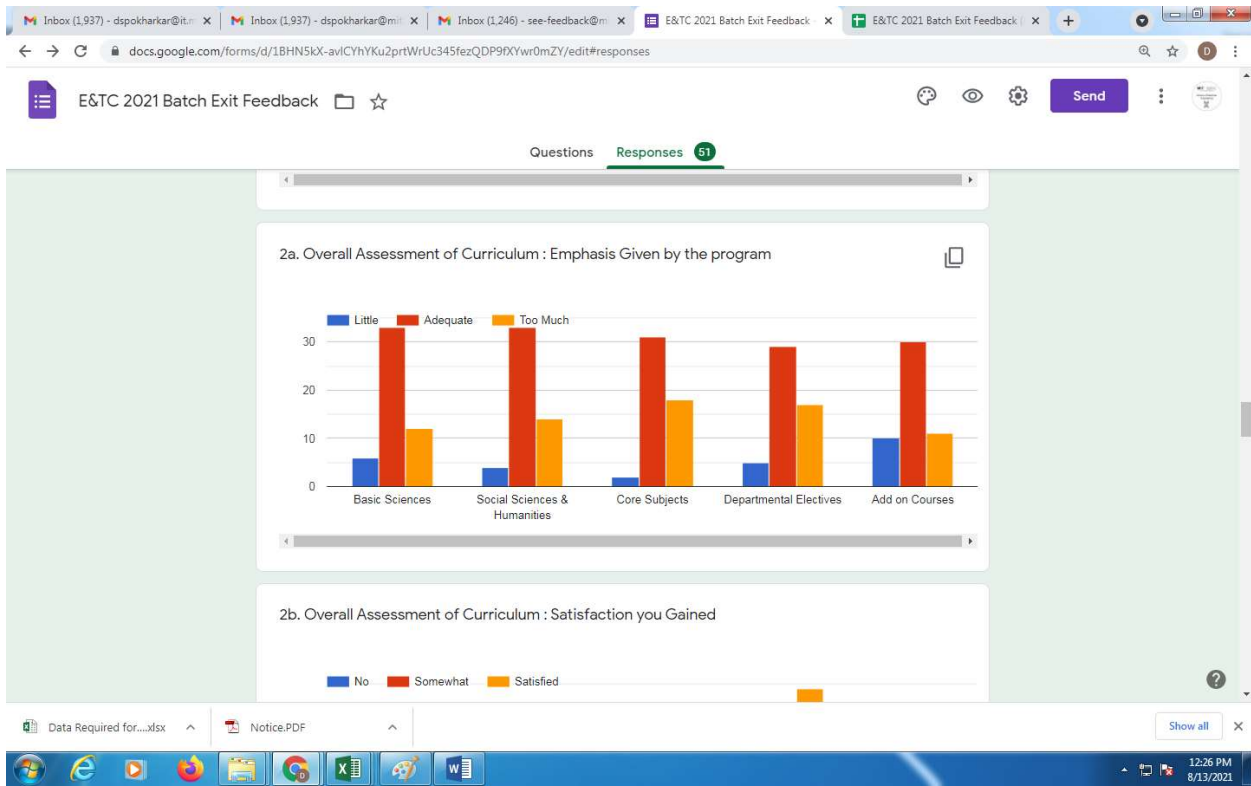
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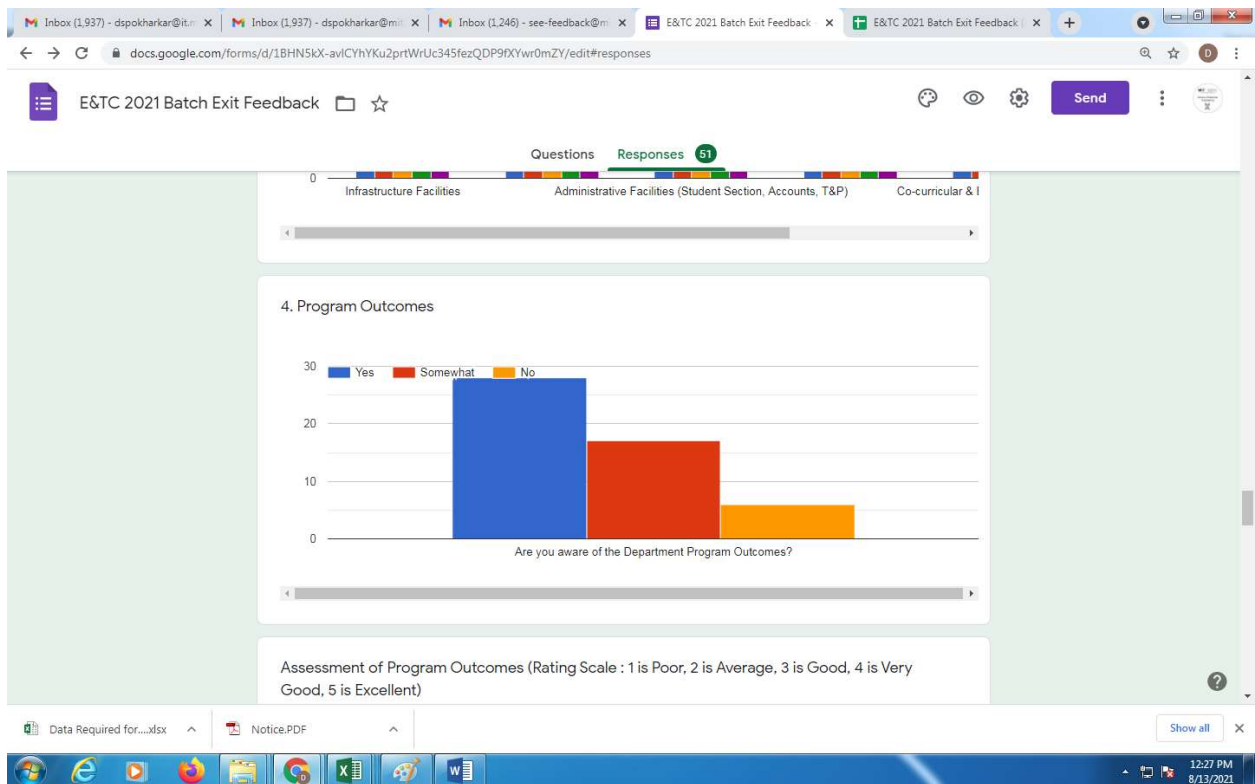
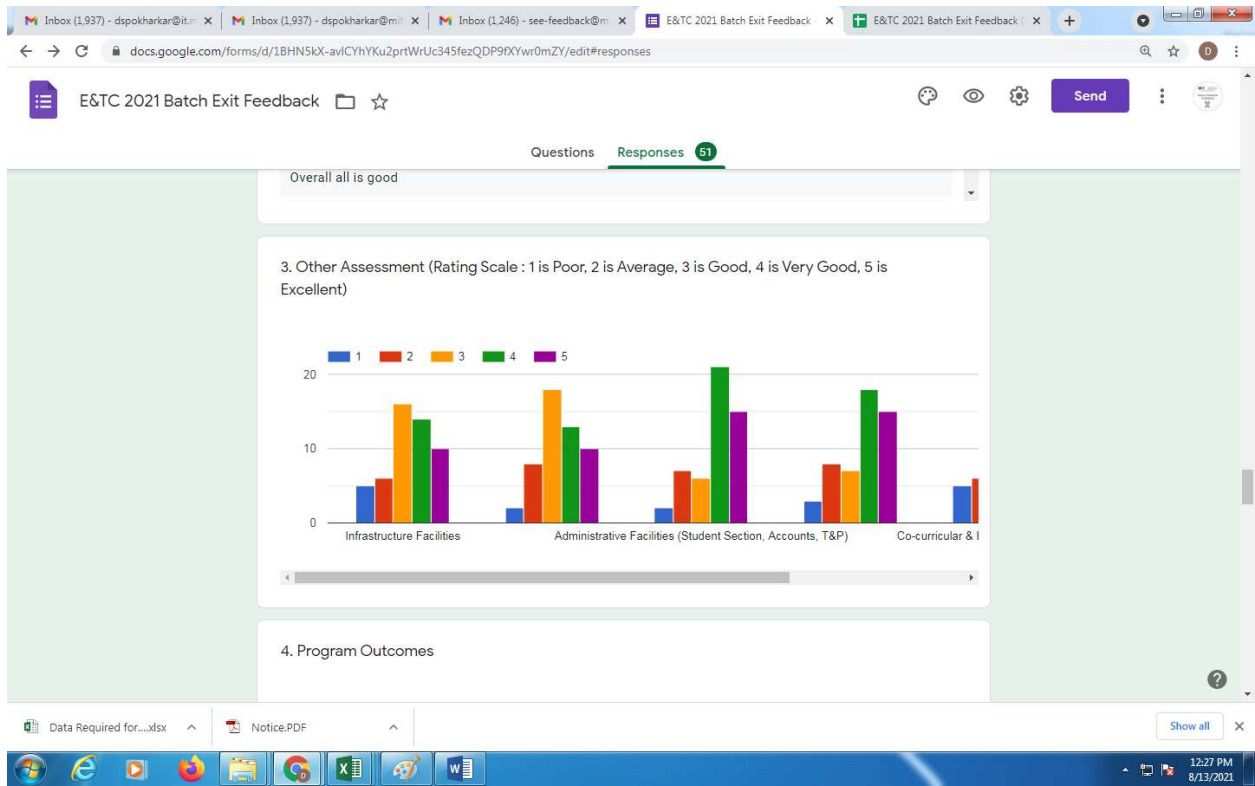
SCHOOL OF ELECTRICAL ENGG.

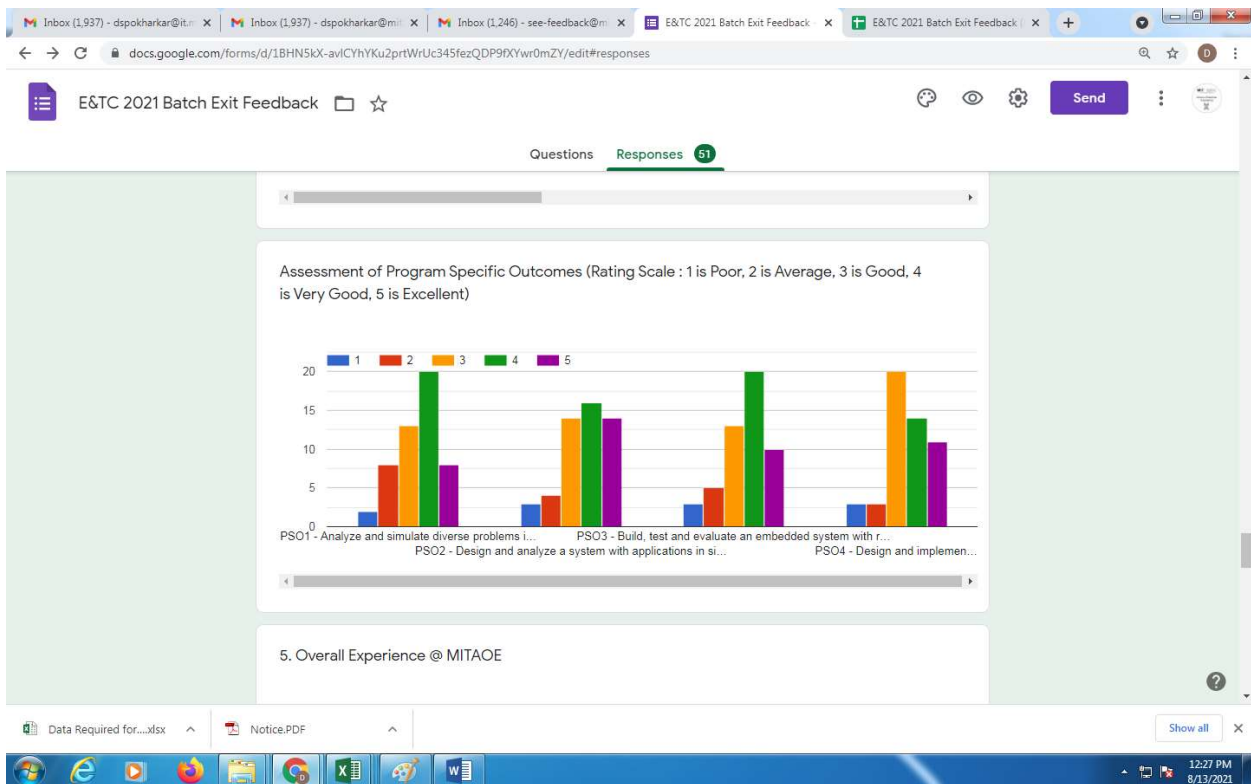
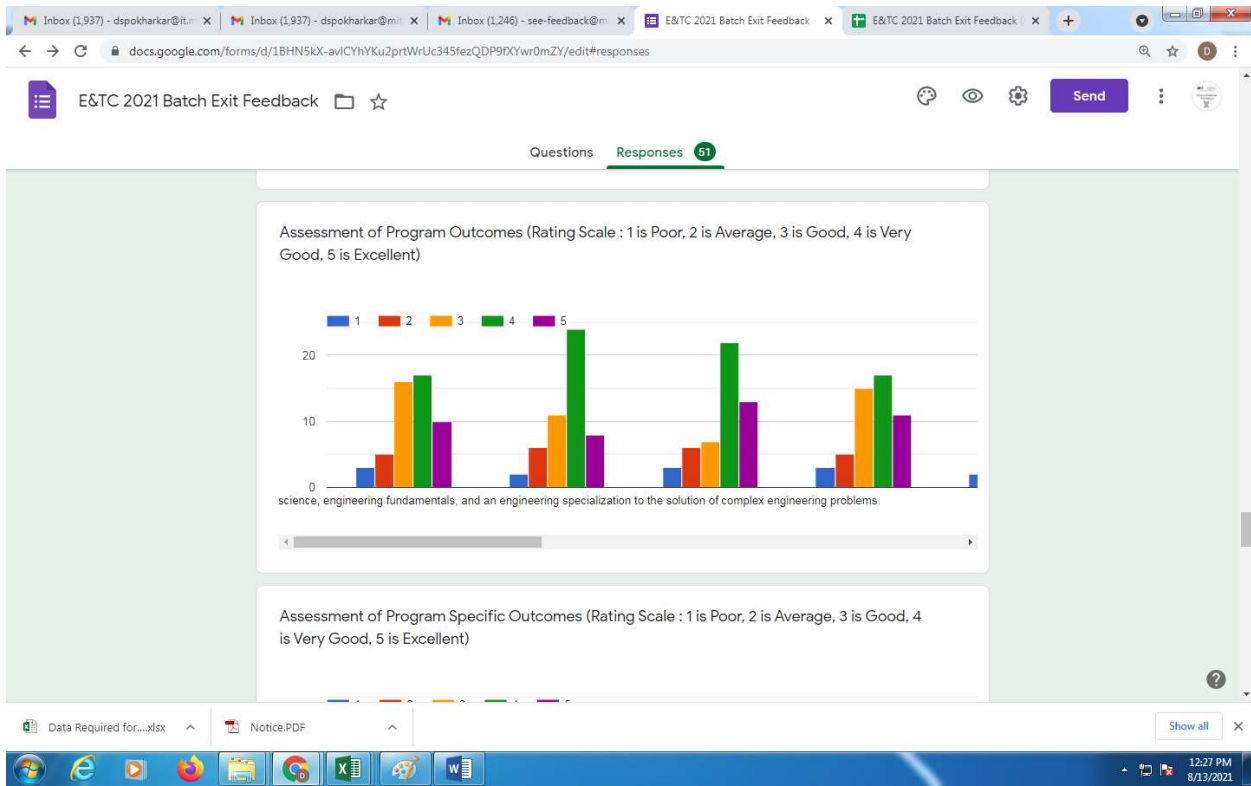
Batch exit survey is collected using Google form.











Browser tabs: Inbox (1,937) - dspokharkar@it.n... | Inbox (1,937) - dspokharkar@mi... | Inbox (1,246) - see-feedback@mi... | E&TC 2021 Batch Exit Feedback | E&TC 2021 Batch Exit Feedback |

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Form Title: E&TC 2021 Batch Exit Feedback

Navigation: Questions | Responses 51

Section: 5. Overall Experience @ MITAOE

Legend: 1 (Blue), 2 (Red), 3 (Yellow)

Rating	Count
1 (Average)	~2
2 (Good)	~22
3 (Excellent)	~22

Please rate your overall experience (1 is Average, 2 is Good, 3 is Excellent)

Question: Would you recommend the E&TC Program at MITAOE to a relative/ friend ?

51 responses

Response	Percentage
Yes	62.7%
May be	31.4%
No	5.9%

Legend: Yes (Blue), May be (Red), No (Yellow)

Taskbar: Data Required for...xlsx | Notice.PDF | 12:28 PM 8/13/2021

Browser tabs: Inbox (1,937) - dspokharkar@it.n... | Inbox (1,937) - dspokharkar@mi... | Inbox (1,246) - see-feedback@mi... | E&TC 2021 Batch Exit Feedback | E&TC 2021 Batch Exit Feedback |

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Form Title: E&TC 2021 Batch Exit Feedback

Navigation: Questions | Responses 51

Section: Please rate your overall experience (1 is Average, 2 is Good, 3 is Excellent)

Rating	Count
1 (Average)	~2
2 (Good)	~22
3 (Excellent)	~22

Question: Would you recommend the E&TC Program at MITAOE to a relative/ friend ?

51 responses

Response	Percentage
Yes	62.7%
May be	31.4%
No	5.9%

Legend: Yes (Blue), May be (Red), No (Yellow)

Question: What do you think are the strengths of E&TC Program at MITAOE ?

51 responses

Taskbar: Data Required for...xlsx | Notice.PDF | 12:28 PM 8/13/2021

EMPLOYER FEEDBACK FORM

Dear Employer,

Many graduates of our Department/Institute are already working in your organization. We are thankful to you for providing them employment with your prestigious Company/Organization.

We shall very much appreciate and be grateful to you if you can spare some of your valuable time to fill up this feedback form. It will help us to improve the Institute further and give you better employees in future.

Tick the number that best describes your level of satisfaction at each question: 1 - far from satisfied, 2 - not satisfied, 3 - satisfied, 4 - happy, 5 - very happy

How satisfied are you with the student/s work performance in each of these areas:		1	2	3	4	5
1.	General communication skills				4	
2.	Developing practical solutions to work place problems				4	
3.	Working as part of a team					5
4.	Creative in response to workplace challenges				4	
5.	Their planning and organization skills				4	
6.	Self-motivated and taking on appropriate level of responsibility					5
7.	Open to new ideas and learning new techniques				4	
8.	Using technology and workplace equipment				4	
9.	Ability to contribute to the goal of the organization				4	
10.	Technical knowledge/skill				4	
11.	Ability to manage/leadership qualities				4	
12.	Innovativeness, creativity				4	
13.	Relationship with seniors/peers/subordinates				4	
14.	Involvement in social activities				4	
15.	Ability to take up extra responsibility				4	
16.	Obligation to work beyond schedule if required					5

Would you like to recruit more MITAOE student?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Would you refer us to other organization(s)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Please feel free to speak in confidence with our TPO/ staff about any aspects of the program or students' performance. If you would like staff to contact you to discuss any issues, please provide your contact number.

Phone: 8850008737 / 9871710796

Name: Rajeev Kumar Mohan

Position: Java Full stack Subject Matter Expert [SME] and Technical Trainer

Company/organization: Cognizant India

Date: 10.04.2021

Please email the completed form to following Mail Ids

dean.see@mitaoe.ac.in

entcalumni@mitaoe.ac.in

EMPLOYER FEEDBACK FORM

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Tick the number that best describes your level of satisfaction at each question: 1 - far from satisfied, 2 - not satisfied, 3 - satisfied, 4 - happy, 5 - very happy

How satisfied are you with the student/s work performance in each of these areas:	1	2	3	4	5
1. General communication skills					✓
2. Developing practical solutions to work place problems					✓
3. Working as part of a team					✓
4. Creative in response to workplace challenges					✓
5. Their planning and organization skills					✓
6. Self-motivated and taking on appropriate level of responsibility					✓
7. Open to new ideas and learning new techniques					✓
8. Using technology and workplace equipment					✓
9. Ability to contribute to the goal of the organization					✓
10. Technical knowledge/skill					✓
11. Ability to manage/leadership qualities					✓
12. Innovativeness, creativity					✓
13. Relationship with seniors/peers/subordinates					✓
14. Involvement in social activities					✓
15. Ability to take up extra responsibility					✓
16. Obligation to work beyond schedule if required					✓

Would you like to recruit more MITAOE student?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Would you refer us to other organization(s)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Please feel free to speak in confidence with our TPO/ staff about any aspects of the program or students' performance. If you would like staff to contact you to discuss any issues, please provide your contact number.

Phone:

Name: *Nadary Robert*

Position: *SME*

Company/organization: *CTS / Cognizant Technology Solutions.*

Date: *8/4/2021.*

Please email the completed form to following Mail Ids

dean.see@mitaoe.ac.in


entcalumni@mitaoe.ac.in

MIT Academy of Engineering (An Autonomous Institute)	ACTION TAKEN REPORT		
Alandi (D), Pune - 412 105	ACADEMIC YEAR	:	2020-21
SCHOOL OF MECHANICAL & CIVIL ENGG.	DATE	:	24/04/2021
	TYPE OF MEETING	:	BOS
Suggestions given in BoS Meeting		Action Taken	
<p>Mr. S. P. Dhavane represented Machine Design course curriculum in detailed:</p> <ul style="list-style-type: none"> ● Dr. S.B. Patil suggested avoiding repetition of strength of Materials part and adding SP46 standards in curriculum. Also suggested to add tutorials if the syllabus is bulky. ● Dr. M. P. Khond commented that brakes and clutches shall not be covered in Theory of Machines. Give a thought on the timeline also, it's a huge syllabus and maybe heavy to deliver within the given time slots. Contents are fine and streamlined. ● Dr. Sachin Mastud suggested adding flexible drives in the syllabus. He appreciated the funding policy given by the institute for projects and content of syllabus also. ● Dr. Ramesh Pudale suggested inserting an introduction to machine design at the start or end of the syllabus to give introduction to Design Automation. Addition of business issues, design projects in practical will enhance the teaching learning process. He insisted on focusing on the manufacturing aspect also. ● Mr. Rahul Kharat asked to add practical aspects of the user. ● Dr. Rohit Nehe suggested the strategy of learning design and then its fabrication application. 	<p>Following actions are taken and incorporated into the course of Machine Design:</p> <ul style="list-style-type: none"> ● Inclusion of SP 46 Engineering Drawing Practice for Schools and Colleges, Bureau of Indian Standards in Practical I. (Design Data Book + SP 45 OR SP-46) ● Inclusion of the concepts Design for Manufacturing (DFM) and Design for Assembly (DFA) in Unit I ● Inclusion of Design Automation for the IA Activities. One Activity will be completely based on Introduction to the Concepts of Design Automation, Generative Design. 		
<p>Mr. R. A. Patil represented Turbo Machines course curriculum in detailed:</p> <ul style="list-style-type: none"> ● Dr. M. P. Khond suggested adding fans, blowers, and compressors to maintain the flow of the course. Unit no. 6 steam turbines to be removed and it can be separate elective or it can be 	<p>Following actions are taken and incorporated into the course of Turbomachines:</p> <ul style="list-style-type: none"> ● Unit 3 steam turbine is removed and will be added to an elective course Power Plant Engineering ● In Unit 3 The Draft Tube and Performance Characteristic curve, Cavitation will be covered 		


<p>added in Power Plant Elective course. Kaplan turbine is the integral part of turbomachines and must be added in the syllabus. He suggested having trials on centrifugal pump turbines in practical. Appreciated the content but insisted to curtail some contents.</p> <ul style="list-style-type: none"> • Dr. Sachin Mastud asked about the process of conduction of practicals during lockdown. • Dr. S.B. Patil and Dr. Sachin Mastud agreed with Dr. M. P. Khond that the syllabus is huge and asked to add content to PPE and to avoid repetition of content. 	<ul style="list-style-type: none"> • In Unit 5 Fan, Blowers and Compressors is introduced and Centrifugal compressor will be covered in details • Practical covers Trails on Turbine, Pump and Compressor and plotting its characteristic curve
<p>Mr. R. K. Patil represented Hydraulics & Pneumatics course curriculum in detailed:</p> <ul style="list-style-type: none"> • Dr. M. P. Khond suggested to have thought process on control of circuits and get streamlined syllabus. He suggested to re-arrange the units, first arrange Hydraulics part and then Pneumatics, and add safety circuits of hydraulics, IoT application, and industrial fluid power along with design in next semester. He appreciated for Automation studio addition. Further he suggested to add Vickers's manual in reference book list. • Dr. Ramesh Pudale suggested adding practical's, control logic, safety switches etc. in Electro-hydraulics, VFD- Variable frequency drives. • Dr. Ganesh Kakandikar suggested adding circuits with its applications, meter in –meter out shall be covered in unit no. 2. Restructuring of units is required. 	<p>Following actions are taken and incorporated into the course of Hydraulics & Pneumatics enlisted below;</p> <ul style="list-style-type: none"> • Syllabus rearranged to streamline the control circuits. Safety circuits added. • Vickers Manual is added in reference book list. • VFD will be added in elective course (B.Tech). • Exposure on virtual labs is added in activity section. • Meter-in and meter-out circuits added along with flow control valves.
<p>Mr. D. B. Panchal represented Skill Development course curriculum in detailed:</p> <ul style="list-style-type: none"> • Dr. Ganesh Kakandikar suggested giving subject choices and not the platform choices. Try not to put any brand of software or company. • Dr. Ramesh Pudale suggested making generic thought for Skill Development from Industry perspective. • Dr. M. P. Khond suggested making MOM with Dassault to provide such facilities to students, have a clearer idea on certification policy. The new courses developed should be more competitive exam focused so that placement of the students can be enhanced. • Dr. S. B. Patil suggested adding manufacturing-oriented courses. 	<p>Following actions are taken and incorporated into the course of Skill Development 2</p> <ul style="list-style-type: none"> • Only one course will be there under skill development 2 head. Title of the course is modified to "Computer Aided Product Design" • A generalized course is modified to enhance the solid modeling and manufacturing skills • Discussion regarding the professional certification programs is initiated with siemens and dassault systemes. • Three skills are identified viz. geometric modeling, solid modeling & computer aided manufacturing with various 3D modeling software packages like CATIA, SolidWorks, SIEMENS NXCAD & Creo. • Students can choose any one software package

<ul style="list-style-type: none"> • Dr. Ganesh Kakandikar suggested some skill courses like: Solid modelling, surface modelling, Matlab based programming, database management etc. 	
<p>Mr. A. B. Belvekar represented Finite Element Analysis course curriculum in detailed:</p> <ul style="list-style-type: none"> • Dr. Shripriya Ramamoorthy asked about how connectivity and assembly will be done, how codes can be written and how finite element analysis can be done virtually? • Dr. Ganesh Kakandikar suggested focusing on how students can perform it, and assemble it with hand calculations also. • Dr. Rohit Nehe suggested using analytical, numerical and software-based study in practical. 	<p>Following actions are taken and incorporated into the course of Finite Element Analysis:</p> <ul style="list-style-type: none"> • As per suggestions, the Nonlinear Analysis Part in theory is eliminated. • Also Nonlinear analysis of Beam Lab is eliminated. • Two labs on Coding in matlab are added in practicals
<p>Mr. Y. L. Maske represented Robotics course curriculum in detailed:</p> <ul style="list-style-type: none"> • Dr. Ganesh Kakandikar, Mr. Rohit Nehe & Dr. S.B. Patil suggested that the content is huge and the time slot is short to complete the syllabus, so disseminate the contents. • Dr. M. P. Khond suggested adding an introductory part of robotics in SY level, as it requires fundamental study. 	<p>Following actions are taken and incorporated into the course of ME352 Robot fundamentals and Kinematics</p> <ul style="list-style-type: none"> • As per the suggestions No. of hours are modified and the contents are modified for Unit II Sensors and Actuators. • Some of the contents are included under self-study topics. • Name of the course is modified to Robot fundamentals and Kinematics from Fundamentals of Robotics.
<p>Mr. B. R. Patil represented Automobile Engineering course curriculum in detailed:</p> <ul style="list-style-type: none"> • Dr. Sachin Mastud suggested adding safety controls. • Dr. M. P. Khond appreciated the content of the syllabus. • Dr. Ganesh Kakandikar suggested adding theoretical based topics and not necessarily design oriented only, no need of mathematical treatment. It is also a huge syllabus to be completed in less time. • Dr. S.B. Patil commented that the syllabus is ok. 	<p>Following actions are taken and incorporated into the course Automobile Engineering course:</p> <ul style="list-style-type: none"> • Safety control lab added. • Design part was eliminated and focused on the theoretical part. • Modified teaching hours to lab and theory.

Prepared By	Verified By	Approved By
Department Assistant	QA Coordinator	Dean of School

		MINUTES OF THE MEETING and ACTION TAKEN REPORT	
SCHOOL OF MECHANICAL AND CIVIL ENGINEERING		ACADEMIC YEAR	: 2020-2021
BOARD OF STUDIES MEETING		DATE	: 07th November 2020
		MEETING NO.	:
Sr. No.	Minutes		
1.	BOS Chairman Prof. P. R. Hatte welcomed all the new BOS members and faculty members and explained the agenda of the meeting.		
2.	BOS chairman explained the structure and curriculum of B.Tech in detail. He also presented the structure of M.Tech for information.		
3.	BOS chairman explained the structure and curriculum of B.Tech in detail. He also presented the structure of M.Tech for information.		
4.	<p>Dr. Amandeep Singh represented Engineering Informatics course curriculum in detailed:</p> <ul style="list-style-type: none"> • Dr. Chitta Amarnath suggested to concentrate more on its impact on students. Course curriculum is ok. • Dr. Ganesh Kakandikar commented that theory content is fine but practical content may be reduced considering second year students. • Dr. Shripriya Ramamoorthy commented that theory and practical shall be connected, as practical are taught in theory, the content of practical can be reduced. • Dr. S. N. Sapali appreciated the whole curriculum and its content. He specifically appreciated the measurement course. He suggested training the faculties for the implementation of Mini project course more effectively. • Mr. M. P. Khond asked about the strategies to be followed for the practical conduction. The competency of the faculties shall be equally enhanced to measure the result or real success of this course. He appreciated the contents of the curriculum. <p>Action Taken: The contents of Engineering Informatics will be taught in line with mechanical engineering applications. Introductory sessions on new software will be taken and case studies will be discussed.</p>		
5.	Mr. S. B. Powar represented Fluid Mechanics course curriculum in detailed:		

	<ul style="list-style-type: none"> • Dr. Chitta Amarnath asked about which fluid is used for viscosity measurement, what is the meaning of Raynold's experiment, what is magnetic flow meter etc. which is elaborately explained by SBP. He said the curriculum is ok. He suggested offering one textbook only. • Dr. Shripriya Ramamoorthy commented that content is standard & the theory and practical shall be correlated with each other. SBP explained the assessment process in detail. She commented that 2 hrs are less for CFD, which is very well explained by PPK • Mr. Nilesh Birajdar suggested including simulation based practical. <p>Action Taken: Unit 6 is modified to Dimensional Analysis instead of Introduction to CFD. In Practicals CFD will be covered.</p>
6.	<p>Dr. P.S. Kalos represented Machines and Mechanism course curriculum in detailed:</p> <ol style="list-style-type: none"> 1. Dr. Shripriya Ramamoorthy suggested introducing basic dynamics to students first. Offer specific software for modeling to students and not many softwares 2. Dr. Chitta Amarnath commented on using right terminology so that students will not get confused. Also use the right mechanism for demonstration of practicality. 3. Dr. Ganesh Kakandikar commented that the curriculum is fine. <p>Action Taken: An option for software analysis will be given to the students. Mechanalyzer will be discussed in detail with students.</p>
7.	<p>Mr. R. K. Patil represented Minor Project implementation course curriculum in detailed:</p> <ul style="list-style-type: none"> • Dr. Chitta Amarnath suggested to take Non-disclosure agreement from students and DRC/RRC members, before presentation of patent before the DRC/RRC. College must be careful with the patenting work and its pitfalls also. He asked to cover all the types of patent and IPR. • Dr. Ganesh Kakandikar commented that weekly activity and IPR may not be required at second year level as it may be overburdening for SY students. • Dr. Shripriya Ramamoorthy suggested that faculty shall provide project ideas to students. She asked to provide tools for prototyping <p>Action Taken: A Non-disclosure will be prepared and circulated to all students and DC/RRC committee members while reviewing the parents.</p>
8.	<p>BOS members asked to share the new (proposed) structure of TY & B.Tech. The members further asked to give some time to review the same before they share their inputs through email.</p>
9.	<p>Dr. S. S. Barve, Dean Academics, thanked all the BOS members and assured them about the consideration of their suggestions, instructions.</p>
10.	<p>BOS chairman concluded the meeting by giving thanks to all BOS members and all attendees.</p>

 <p>MIT Academy of Engineering (An Autonomous Institute)</p>	<p>School of Electrical Engg. <i>Advancing Humanity through Technology</i></p>
<p>Alandi (D), Pune – 412105</p>	<p>(Accredited by NBA, ISO 9001:2008 Certified)</p>

<p><u>ACTION TAKEN REPORT</u> BTECH (SEE) BoS – May 21, 2020</p>
<p>TERM – I [2020 – 21]</p>

DAY	Thursday	DATE	May 21, 2020
TIME	3.00 PM	VENUE	Gotowebinar

Sl. No.	BoS Suggestions	Action Taken
1	Credits for department elective and open elective should be more as compared to Natural sciences, Engineering science, Humanities and social sciences.	Work in progress
2	Computer Networks course should be swapped with Principles of Communication Systems for better linking of courses	Work in progress
3	Course objective should be written in a philosophical paragraph and course outcomes should be in point form as it is measurable.	Work in progress
4	Course dependent chart can be prepared for better	Will get discussed in institute

	representation of course linking instead of prerequisite.	level meeting
5	All BoS members have suggested many courses for department electives like, System Programming & Operating System, Statistical Signal Processing, Data Structures, Industrial N/W, EMI/EMC, SKADA Systems etc.	Work in progress
6	Examination scheme of MTECH (Electronics) 2020-21 pattern should be revisited.	Work in progress



Dr. Prachi R Rajarapollu
Autonomy Coordinator




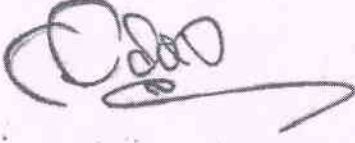

Dr. Debashis Adhikari
Dean (SEE)

MIT Academy of Engineering (An Autonomous Institute)	MINUTES OF THE MEETING		
Alandi (D), Pune - 412 105	ACADEMIC YEAR	:	2020-2021
GOVERNING BODY MEETING	DATE	:	18 DECEMBER 2020
	MEETING NO.	:	GB/2020/02/10
<p>The tenth meeting of the Governing Body was held on 18th December, 2020, at 11.00 am through Google Meet. Dr. Sanjay Dhande, Chairman presided the meeting and following members attended the meeting,</p> <ol style="list-style-type: none"> 1. Dr. Sunil Karad, Member 2. Prof. Anant Chakradeo, Member 3. Dr. Mahesh D Goudar, Member Secretary 4. Dr. B. B Ahuja, Member 5. Prof. B. P. Sabale, Member 6. Dr. Prashant Kumar, Member 7. Prof. H. K. Abhyankar, Member 8. Dr. Aditya Abhyankar, Member 9. Dr. Diptee Sakhare, Member - Faculty Representative 10. Mr. Amar More, Member - Faculty Representative <p>In addition to the above members, the following also attended the meeting,</p> <ol style="list-style-type: none"> 11. Dr. Nitin Rane (Deputy Director, Admin) 12. Dr. Sunita Barve (Deputy Director, Academics) 13. Dr. Shitalkumar Jain (Deputy Director, Corporate Relations) 14. Dr. Arika Kotha (Controller of Examination) 15. Dr. Nachiket Thakur <p>The leave of absence was granted to the following members,</p> <ol style="list-style-type: none"> 16. Dr. Mrs. Manju Singh, University Grants Commission Nominee 17. Dr. N. S. Umrani, Savitribai Phule Pune University Nominee 			
Sr. No.	Minutes		

1.	<p>In the opening remark, Chairman congratulated the institute for the excellent performance in placement. He appreciated the improvement in placement and attributed the success to the autonomous curriculum. He praised the institute for the significant improvement in the placement performance inspite of the COVID situation and other barriers.</p>
2.	<p>The Board suggested to prepare an analysis of backlog students. As, such students are not eligible for placement, a strong special activity needs to be organized for such students in the first year and second year, so that by third year the backlogs are cleared and they become eligible for placement. Special attention needs to be given towards the training of such students. They suggested to create two groups of the backlog students, one for the diploma batch and the other for the regular batch. Extra fees may be charged for training the backlog students.</p> <p>Responsibility: Deputy Director Academics</p>
3.	<p>Chairman welcomed the three Deputy Directors, Dr. Nitin Rane, Dr. Shitalkumar Jain and Dr. Sunita Barve.</p>
4.	<p>The minutes of the previous meeting GB/2020/01/09, dated May 11, 2020 were confirmed by all the members.</p>
5.	<p>Dr. Mahesh Goudar presented the Action Taken Report.</p> <p>The Board was of the view that the peak of the end semester curve is down and the reason for the lowering of the curve needs to be looked into by the faculty. The performance of the end semester needs to be improved so that the curve of the end semester is improved. They suggested two strategies to improve the curve, one is to reduce the number of marks in the end semester and the other is to motivate the students for better performance in the end semester.</p> <p>Responsibility: Deputy Director Academics</p>
6.	<p>The Board opined that the oral mode of examination may increase in the academic world in the coming days. However, the students coming from different backgrounds may not be equally capable of interacting in the oral mode as compared to the written mode. As the students are not proficient in the oral mode of examination, training needs to be provided to the students so as to overcome the stress of the oral examination.</p> <p>Responsibility: Deputy Director, Academics, Deputy Director, CR</p>

7.	<p>Deputy Director, Academics presented and briefed about the Second Year sem IV courses. Board recommended to change the course name of 'Psychology' to 'Psychology for Engineers'.</p> <p>The Board approved the sem IV courses of Second Year.</p>
8.	<p>Deputy Director, Academics presented the revised specialization track of third year and final year.</p> <p>The following were the suggestions of the Board.</p> <ol style="list-style-type: none">a. The Champions of the minor tracks should ensure that there are no pre-requisites for any of the minors so that it can be opened to all branches. The only pre requisite should be completion of the basic core common to all engineering students.b. Skill Development Courses should be reviewed as it appears to be theoretical and should be more practical oriented. Skill Development courses should truly reflect the spirit of Skill Development.c. The details of the skill Development courses and their relation with the minor tracks should be given in writing to the Board.d. Board was of the opinion that at second year, students should be allowed to have the fundamentals of 2 tracks. Students, if possible, should be allowed to opt for 2 tracks simultaneously, so that they can choose the right track in the fifth semester.e. Counselling should be provided to first year and second year for the right selection of the track.f. Board suggested another option that at the end of second year students may be allowed to gain additional knowledge of any other track during the summer break. Students can pay the registration charges for the track and undergo one good course during the summer, so that students can change the track if required. Same can be applied for students who fail in the first and second year. Program can be run for students who have failed in their semester program during the summer break so that their teaching learning can be made up and they can clear the courses.g. Dr. B. B. Ahuja was of the opinion that focus should be to build the foundation courses rather than the specializations. Focus should be on the foundation courses.h. Chairman concluded that fundamentals are equally important as the specializations and the institute should take care of the fundamentals. <p>Responsibility: Deputy Director Academics</p>

Sr. No.	Minutes
9.	<p>Deputy Director Academics presented and briefed about the Academic Calendar.</p> <p>Following were the suggestions:</p> <ol style="list-style-type: none"> a. Board suggested to increase the duration for the remedial term. b. As per the new Government notification, the First year term commencement should be from 11th January 2020. c. Board was of the view that for the first year and Direct second year, the term can be completed by 15th September 2021. d. The Board tentatively approved the academic calendar as proposed. However the Board advised to attempt to change the calendar at a system level. Accordingly the revised calendar can be proposed and be put up for approval and can be ratified in the next meeting. <p>Responsibility: Deputy Director Academics</p>
10.	<p>Member Secretary presented the Core Areas of the strategic plan. Discussion on the Strategic Plan will be scheduled in the next meeting.</p> <p>Responsibility: Director</p>
11.	<p>Member Secretary briefed about the faculty and staff recruitment. The Board welcomed the new joinees.</p>
12.	<p>The revised organization chart was presented. Board proposed to mention the job description for each role for efficient execution of the responsibility .</p>
13.	<p>Member Secretary presented the learnings of the pandemic from the student, faculty, staff and leadership perspective. The Board suggested to indicate the instances of student satisfaction for the online mode of learning.</p>

Prepared By	Verified By	Approved By
 Mrs. Kavita Menon Executive Assistant	 Dr. Mahesh D Goudar Member Secretary and Director	 Dr. Sanjay Dhande Chairman, Governing Board



MIT Academy of Engineering (An Autonomous Institute)	MINUTES OF THE MEETING	
Alandi (D), Pune - 412 105	ACADEMIC YEAR	: 2019-2020
ACADEMIC COUNCIL MEETING	DATE	: 09 December 2020
	MEETING NO.	: AC/2020/02/10
<p>The tenth meeting of the Academic Council (AC) was held on 09 December 2020, at 11.30 a.m. vide Google Meet and following members attended the meeting,</p> <ol style="list-style-type: none"> 1. Dr. Mahesh Goudar 2. Dr. Aditya Abhyankar 3. Dr. D. S. Bormane 4. Dr. Suresh Gosavi 5. Dr. S. L. Patil 6. Mr. Datta Parle 7. Mr. Deepak Patil 8. Dr. Devkumar Gupta 9. Dr. B. B. Waphare 10. Dr. Avinash Bhalerao 11. Dr. Sunita S. Barve 12. Mr. Senthil Kumar 13. Mrs. Ranjana Badre 14. Dr. Debashish Adhikari 15. Mrs. Prabha Kasliwal 16. Dr. Abhijeet Malge 17. Dr. Arika Kotha 18. Mr. Amar More 19. Dr. Prachi Rajarapollu 20. Mr. Sunilkumar. M. Bhagat 		

Following are also invited to attend the meeting,




21. Mr. Rudragouda Patil
22. Mr. Nachiket Thakur
23. Mr. Deepak Panchal
24. Mr. Tukaram Sonawane
25. Mrs. Vandana Khandelwal
26. Dr. Sushma Kulkarni
27. Dr. Satish Gajbhiv
28. Mr. Sunilkumar. M. Bhagat
29. Dr. Shitalkumar Jain
30. Mrs. Vaishali Wangikar
31. Mr. Atif shaikh
32. Dr. Manish Giri

Mr. Prafulla Hatte, Dean SMCE, was absent due to unavoidable reason.

Sr. No.	Minutes
1.	Dr. Mahesh Goudar, Director, MITAoE welcomed all the members to the tenth meeting of Academic Council with the introductory remarks.
2.	Dr. Sunita Barve, Member Secretary of the Academic Council discussed the agenda of the meeting.
3.	The Minutes of the Meeting of the AC/2020/02/09 dated 10 June 2020 and Action Taken Report was read and confirmed. Dr. Sunita Barve presented grades analysis format and Curriculum/ Course Design Record.
4.	Mr. Sunilkumar Bhagat presented the Academic Summary Report.
5.	Dean SCE, Prof. M. Senthilkumar presented the curriculum of UG program for Chemical Engineering, offered in the IV Semester and presented the assessment system.

	<p>The possibility of the students' physical presence for the practicals was also discussed. Members suggested that theoretical component can be taken first and practical's can be taken later for the benefit of the students. He praised the perfect user friendly system due to autonomy.</p> <p>Responsibility: Dean SCE</p>
6.	<p>Dean, School of Computer Engineering and Technology, Mrs. Ranjana Badre presented the UG courses of IV semester and PG courses. Mr. Amar More explained the way we design our courses and control changes required in course contents and assessment.</p> <p>Responsibility: Dean SCET</p>
7.	<p>Dean, School of Electrical Engineering, Dr. Debashis Adhikari presented UG Semester IV courses and PG curriculum of Electronics Engineering. He highlighted the major changes incorporated as the BoS members suggestions. The Council have approved the credit distribution for the Semester IV and V courses, as proposed by him.</p> <p>Responsibility: Dean SEE</p>
8.	<p>On behalf of the Dean, School of Mechanical and Civil Engineering, Mr. Dilip Panchal presented UG IV Semester courses syllabus and PG curriculum of Mechanical Engineering.</p> <p>Machines & Mechanisms: It was suggested that, for simulation purposes, software (e.g. ADAMS) should be used.</p> <p>Fluid Mechanics: All members appreciated the course content and experiments proposed in Engineering Informatics</p> <p>Council suggested to ensure that the resources should be available in the college for effective course delivery. Contents should be developed from a Mechanical Engineering perspective.</p> <p>Minor Project-Implementation: All the members have approved the content of the course.</p> <p>Responsibility: Dean SMCE</p>
9.	<p>Dean SHES, Mrs. Prabha Kasliwal briefed about the common courses offered by the school. She presented Applied Mathematics course. Liberal Learning was presented by Dr. Vaishali Wangikar. Professional Skills was presented by Mr. Rudragouda Patil.</p> <p>Responsibility: Dean SHES</p>

10.	Mr. Atif Shaikh presented the curriculum of UG semester IV courses for Civil Engineering. Discussion was held on practical plan for next semester, theory and practical Components of every course and assessment planned. Responsibility: Dean SMCE
11.	Mr. Avinash Bhalerao presented the Course Structure of the School of Design, BDes, Communication design.
12.	Academic Council members approved the revised undergraduation fourth semester courses and revised post graduation curriculum.
13.	Dr. Sunita Barve introduced Minor Tracks to be offered in the Third Year and stated that the final proposal of the same will be presented in the next Academic Council Meeting.
14.	Dr. Ranjana Badre, Mr. Atif Shaikh, Dr. D. Adhikari, Mr. Tukaram Sonawane presented the proposed Minor Tracks to be offered by respective schools.
15.	Dr. Sunita Barve, presented the next semester planning and academic calendar for regular Second Year, Third Year and Final Year. Semester I and II academic calendar for First Year and Semester III and IV academic calendar for Second Year was also presented. Council approved the same.
16.	Dr. Sunita Barve proposed the vote of thanks to the Chairman and members by expressing gratitude for active participation and valuable suggestions in the entire proceedings of the meeting.

Prepared By	Verified By	Approved By
Dr. Sushma Kulkarni  11.12.2020 Assistant Professor SHES	Dr. Sunita S. Barve  11/12/2020 Member Secretary, Academic Council	Dr. Mahesh Goudar  11.12.20 Chairman, Academic Council

MIT Academy of Engineering (An Autonomous Institute)		ACADEMIC COUNCIL ATTENDANCE SHEET	
Alandi (D), Pune - 412 105		ACADEMIC YEAR	: 2020-2021
Time	: 11.00 AM	DATE	: 09 December 2020
Venue	: Google Meet	MEETING NO.	: AC/2020/03/10


Sr. No.	Name of the Members	Signature
1.	Dr. M. D. Goudar	PRESENT
2.	Dr. Aditya Abhyankar	PRESENT
3.	Dr. D. S. Bormane	PRESENT
4.	Dr. Suresh Gosavi	PRESENT
5.	Dr. S. L. Patil	PRESENT
6.	Mr. Deepak Patil	PRESENT
7.	Dr. Dev Gupta	PRESENT
8.	Mr. Datta Parle	PRESENT
9.	Dr. B. B. Waphare	PRESENT
10.	Dr. Sunita S. Barve	PRESENT
11.	Mr. Senthil Kumar	PRESENT
12.	Mrs. Ranjana Badre	PRESENT
13.	Dr. Debashish Adhikari	PRESENT
14.	Mr. Prafulla Hatte	ABSENT

15.	Mrs. Prabha Kasliwal	PRESENT
16.	Mr. Avinash Bhalerao	PRESENT
17.	Dr. Arika Kotha	PRESENT
18.	Dr. Abhijeet Malge	PRESENT
19.	Mr. Sunilkumar. M. Bhagat	PRESENT
20.	Mrs. Prachi Rajapallu	PRESENT
21.	Mr. Amar More	PRESENT
Invited Members		
22.	Mr. Rudragouda Patil	PRESENT
23.	Mr. Nachiket Thakur	PRESENT
24.	Mr. Deepak Panchal	PRESENT
25.	Mr. Tukaram Sonawane	PRESENT
26.	Mrs. Vandana Khandelwal	PRESENT
27.	Dr. Sushma Kulkarni	PRESENT
28.	Dr. Satish Gajbhiv	PRESENT
29.	Mr. Sunilkumar. M. Bhagat	PRESENT
30.	Dr. Shitalkumar Jain	PRESENT
31.	Mrs. Vaishali Wangikar	PRESENT
32.	Mr. Atif shaikh	PRESENT
33.	Dr. Manish Giri	PRESENT

MIT Academy of Engineering (An Autonomous Institute)		MINUTES OF MEETING		
Alandi (D), Pune - 412 105		ACADEMIC YEAR	:	2020-21
SCHOOL OF MECHANICAL & CIVIL ENGG.		DATE	:	24/04/2021
		TYPE OF MEETING	:	BOS
Names of Attendee: PRH AGK PSK KM NBT MMC DBP ABM AMK PPK BRP AJA AKC MPJ MWB MSD VAB VPK ABB SPD SGM YLM RAP RKP RSJ NBC SBP RKS VA SB SPK		BOS MEMBERS: Dr. M. P. Khond, Dr. Ganesh Kakandikar, Dr. S. B. Patil, Dr. Ramesh Pudale, Dr. Shripriya Ramamoorthy, Dr. Sachin Mastud, Mr. Rahul Kharat Dr. Rohit Nehe, Mr. Abhijit Gore		
Minutes of the Meeting:				
Sr. No.	Minutes	Responsibility	Target Date	
01	The Mechanical Engineering department conducted a BOS meeting through Google Meet forum.	--	--	
02	BOS Chairman Dr. P. R. Hatte welcomed all the new BOS members and faculty members and explained the agenda of the meeting.	--	--	
03	The BOS chairman explained the curriculum structure of B. TECH from semester I to semester VIII in detail.	--	--	
04	Mr. S. P. Dhavane represented Machine Design course curriculum in detailed: <ul style="list-style-type: none"> • Dr. S.B. Patil suggested avoiding repetition of strength of Materials part and adding SP46 standards in curriculum. Also suggested to add tutorials if the syllabus is bulky. • Dr. M. P. Khond commented that brakes and clutches shall not be covered in Theory of Machines. Give a thought on the timeline also, it's a huge syllabus and maybe heavy to deliver within the given time slots. Contents are fine and streamlined. • Dr. Sachin Mastud suggested adding flexible drives in the syllabus. He appreciated the funding policy given by the institute for projects and content of syllabus also. • Dr. Ramesh Pudale suggested inserting an introduction to machine design at the start or end of the syllabus to give introduction to Design Automation. Addition of business issues, design projects in practical will enhance the teaching learning process. He insisted on focusing on the manufacturing aspect also. • Mr. Rahul Kharat asked to add practical aspects of the user. 	SPD	--	


	<ul style="list-style-type: none"> Dr. Rohit Nehe suggested the strategy of learning design and then its fabrication application. 		
05	<p>Mr. R. A. Patil represented Turbo Machines course curriculum in detailed:</p> <ul style="list-style-type: none"> Dr. M. P. Khond suggested to add fans, blowers, and compressor to maintain the flow of the course. Unit no. 6 steam turbine to be removed and it can be separate elective or it can be added in Power Plant Elective course. Kaplan turbine is the integral part of turbomachines and must be added in the syllabus. He suggested having trials on centrifugal pump turbines in practical. Appreciated the content but insisted to curtail some contents. Dr. Sachin Mastud asked about the process of conduction of practicals during lockdown. Dr. S.B. Patil and Dr. Sachin Mastud agreed with Dr. M. P. Khond that the syllabus is huge and asked to add content to PPE and to avoid repetition of content. 	RAP	--
06	<p>Mr. R. K. Patil represented Hydraulics & Pneumatics course curriculum in detailed:</p> <ul style="list-style-type: none"> Dr. M. P. Khond suggested to have thought process on control of circuits and get streamlined syllabus. He suggested to re-arrange the units, first arrange Hydraulics part and then Pneumatics, and add safety circuits of hydraulics, IoT application, and industrial fluid power along with design in next semester. He appreciated for Automation studio addition. Further he suggested to add Vickers's manual in reference book list. Dr. Ramesh Pudale suggested adding practical's, control logic, safety switches etc. in Electro-hydraulics, VFD- Variable frequency drives. Dr. Ganesh Kakandikar suggested adding circuits with its applications, meter in –meter out shall be covered in unit no. 2. Restructuring of units is required. 	RKP	--
07	<p>Mr. D. B. Panchal represented Skill Development course curriculum in detailed:</p> <ul style="list-style-type: none"> Dr. Ganesh Kakandikar suggested giving subject choices and not the platform choices. Try not to put any brand of software or company. Dr. Ramesh Pudale suggested making generic thought for Skill Development from Industry perspective. Dr. M. P. Khond suggested making MOM with Dassault to provide such facilities to students, have a clearer idea on certification policy. The new courses developed should be more competitive exam focused so that placement of the students can be enhanced. Dr. S.B. Patil suggested adding manufacturing-oriented courses. Dr. Ganesh Kakandikar suggested some skill courses like: Solid modelling, surface modelling, Matlab based programming, database management etc. 	DBP	--

08	<p>Mr. A. B. Belvekar represented Finite Element Analysis course curriculum in detailed:</p> <ul style="list-style-type: none"> • Dr. Shripriya Ramamoorthy asked about how connectivity and assembly will be done, how codes can be written and how finite element analysis be done virtually? • Dr. Ganesh Kakandikar suggested focusing on how students can perform it, and assemble it with hand calculations also. • Dr. Rohit Nehe suggested using analytical, numerical and software-based study in practical. 	ABB	
09	<p>Mr. Y. L. Maske represented Robotics course curriculum in detailed:</p> <ul style="list-style-type: none"> • Dr. Ganesh Kakandikar, Mr. Rohit Nehe & Dr. S.B. Patil suggested that the content is huge and the time slot is short to complete the syllabus, so disseminate the contents. • Dr. M. P. Khond suggested adding an introductory part of robotics in SY level, as it requires fundamental study. 	YLM	
10	<p>Mr. B. R. Patil represented Automobile Engineering course curriculum in detailed:</p> <ul style="list-style-type: none"> • Dr. Sachin Mastud suggested adding safety controls. • Dr. M. P. Khond appreciated the content of the syllabus. • Dr. Ganesh Kakandikar suggested adding theoretical based topics and not necessarily design oriented only, no need of mathematical treatment. It is also a huge syllabus to be completed in less time. • Dr. S.B. Patil commented that the syllabus is ok. 	BRP	
11	BOS chairman concluded the meeting by giving thanks to all BOS members and all attendees.	--	--


Prepared By	Verified By	Approved By
		
Department Assistant	Member Secretary	BoS Chairman

Designation in BoS	Name	Designation	Organization	Sign
Chairman	Prof. P. R. Hatte	Dean, SMCE	MIT AoE Alandi	
VC Nominee	Prof. Dr. M. P. Khond	Associate Professor	College of Engineering Pune	
Academic Expert	Dr. Sachin Mastud	Professor	VJTI, Mumbai	
Academic Expert	Prof. Sripriya Ramamoorthy	Associate Professor	IIT Bombay	
Academic Expert	Prof. Dr. Ganesh Kakandikar	Professor	School of Mechanical Engineering, MIT WPU Pune	
Academic Expert	Dr. S. B. Patil	Professor	College of Engineering Pune	
Industry Expert	Dr. Rohit Nehe	Head of Elect. & Etx Department	Creestaa Elevators India Pvt. Ltd., Pune	
Industry Expert	Mr. Rahul Kharat	Vice President	Zenon	
Industry Expert	Dr. Ramesh Pudale	Program Manager	Autodesk India	
Alumni Representative	Mr. Abhijit Gore	Deputy Manager	Skoda Auto Volkswagen India Pvt Ltd	




 MIT Academy of Engineering (An Autonomous Institute)		MINUTES OF MEETING	
Alandi (D), Pune - 412 105		ACADEMIC YEAR	: 2020-21
SCHOOL OF MECHANICAL & CIVIL ENGG.		DATE	: 07/11/2020
		TYPE OF MEETING	: BOS (Mechanical)
Names of Attendee: PRH, Dr. S. S. Barve, Dean QA, AMM, AGK PSK KM NBT MMC DBP ABM ASC AMK PPK BRP AJA AKC MPJ MWB MMS MSD VAB ABB SGM YLM RAP RKP RSJ TBS NBC SBP RKS AS SPK		BOS MEMBERS: Dr. Chitta Amarnath (IIT Bombay), Dr. Shripriya Ramamoorthy, Dr. S. N. Sapali (COEP, Pune), Dr. Ganesh Kakandikar, Mr. S. B.Patil, Mr. M. P. Khond, Mr. Nilesh Birajdar (Industry representative)	
Members Absent: Mr. Yogesh Gawade (Alumni representative)			
Minutes of the Meeting:			
Sr. No.	Minutes	Responsibility	Target Date
01	Mechanical Engineering department conducted BOS meeting through Google Meet forum.	--	--
02	BOS Chairman Prof. P. R. Hatte welcomed all the new BOS members and faculty members and explained the agenda of the meeting.	--	--
03	BOS chairman explained the structure and curriculum of B.Tech in detail. He also presented the structure of M.Tech for information.	--	--
04	Dr. Amandeep Singh represented Engineering Informatics course curriculum in detailed: <ul style="list-style-type: none"> • Dr. Chitta Amarnath suggested to concentrate more on its impact on students. Course curriculum is ok. • Dr. Ganesh Kakandikar commented that theory content is fine but practical content may be reduced considering second year students. • Dr. Shripriya Ramamoorthy commented that theory and practical shall be connected, as practical are taught in theory, the content of practical can be reduced. • Dr. S. N. Sapali appreciated the whole curriculum and its content. He specifically appreciated the measurement course. He suggested to train the faculties for the implementation of Mini project course more effectively. • Mr. M. P. Khond asked about the strategies to be followed for the practical conduction. The competency of the faculties shall be equally enhanced to measure the result or real success of this course. He appreciated contents of curriculum. 	AS	--

05	<p>Mr. S. B. Powar represented Fluid Mechanics course curriculum in detailed:</p> <ul style="list-style-type: none"> • Dr. Chitta Amarnath asked about which fluid used for viscosity measurement, what is meaning of Raynold's experiment, what is magnetic flow meter etc. which is elaborately explained by SBP. He said curriculum is ok. He suggested to offer one text book only. • Dr. Shripriya Ramamoorthy commented that content is standard & the theory and practical shall be co-related with each other.SBP explained assessment process in detailed. She commented that 2 hrs are less for CFD, which is very well explained by PPK • Mr. Nilesh Birajdar suggested to include simulation based practical. 	SBP	--
06	<p>Dr. P.S. Kalos represented Machines and Mechanism course curriculum in detailed:</p> <ul style="list-style-type: none"> • Dr. Shripriya Ramamoorthy suggested to introduce basic dynamics to students first. Offer specific software for modeling to students and not many softwares • Dr. Chitta Amarnath commented to use right terminology so that student will not get confused. Also use right mechanism for demonstration of practical. • Dr. Ganesh Kakandikar commented that curriculum is fine. 	PSK	--
07	<p>Mr. R. K. Patil represented Minor Project implementation course curriculum in detailed:</p> <ul style="list-style-type: none"> • Dr. Chitta Amarnath suggested to take Non-disclosure agreement from students and DRC/RRC members, before presentation of patent before the DRC/RRC. College must be careful with the patenting work and its pitfalls also. He asked to cover all the types of patent and IPR. • Dr. Ganesh Kakandikar commented that weekly activity and IPR may not be required at second year level as it may be overburdening for SY students. • Dr. Shripriya Ramamoorthy suggested that faculty shall provide project ideas to students. She asked to provide tools for prototyping. 	RKP	--
08	BOS members asked to share the new (proposed) structure of TY & B.Tech. The members further asked to give some time to review the same before they share their inputs through email.	DBP to share the structure	10/11/2020
09	Dr. S. S. Barve, Dean Academics, thanked all the BOS members and assured about the consideration of their suggestions, instructions.	--	--
10	BOS chairman concluded the meeting by giving thanks to all BOS members and all attendees.	--	--

Prepared By	Verified By	Approved By
		
Department Assistant	Autonomy Coordinator	Dean of School

DEAN

School of Mechanical & Civil Engineering
MIT Academy of Engineering
Alandi (D.), Pune-412 105.

 MIT Academy of Engineering (An Autonomous Institute)	MINUTES OF MEETING (MOM)	
	Alandi (D), Pune – 412105	Academic Year 2020-21
	SCHOOL OF ELECTRICAL ENGG	Term II



Date:	22 April 2021
Type of Meeting:	BoS meeting

Agenda of Meeting:
<ol style="list-style-type: none"> 1. Welcome address 2. Discussion on action taken report of previous BoS 3. Discussion on proposed curriculum structure 2019-23 pattern for E&TC and Electronics (Sem. V to Sem. VIII) 4. Discussion on proposed syllabus of Semester V 5. Discussion on proposed amendments on TY-BTECH project from Semester V to VII. 6. Open discussion and suggestions 7. Vote of thanks

Minutes of Meeting:			
Sr. No.	Particulars	Responsibility	Target Date
1	The Chairman welcomed all the members of the Board.		
2	The chairman express gratitude to all the BoS members for guiding us over the previous two years.		
3	The Chairman briefed about the agenda for the current meeting		

4	PRR briefed about the proposed curriculum structure 2019-23 pattern and ATR of previous BoS.		
5	The forum was then opened for discussion.		
6	Dr. Rushikesh Borse presented the three term project planning starting from Sem V to Sem VII.		
7	Prof. Shridhar Khandekar presented the course Fundamentals of Robotics from the track Robotics and Automation. Prof. Sandeep Nagre presented the course IoT Architecture and sensors. Dr. Prachi Rajarapolu presented the course Computer Network.		
8	To continue with a single project with the group of students, you have to identify a rigorous paper and assign to the students instead of assigning separate paper to individual student, suggested by Dr. Sanjay Talole.	Course champions and members	Academic Year 2021-22
9	Formation of project group should be heterogeneous and maintain the homogeneity for the completion of project. It should not be based on academic performance of the students, suggested by Dr. S.N. Merchant.		
10	There should be gradual increment of marks for project work, suggested by Dr. S.N. Merchant.		
11	Entire project should be divided into sub systems and concentrate on the unique portion and finally integrated to a project so that meaningful work can be done, suggested by Dr. K.P. Ray.		
12	For report writing, you can initiate a process & try to develop the interest of the students in them and give them enough freedom as well, suggested by Dr. S.N. Merchant and Dr. K.P. Ray.		
13	Robot dynamics is important in fundamental of robotics. In Unit VI, instead of balancing, add introduction to robot dynamics and robotics programming, suggested by Dr. Sanjay Talole.		
14	Major players in robotics, applications of robotics should be added, suggested by Mr. Maknikar.		
15	Rather than going deep into the different kinds of		

	congestion control in computer network course, you can cover reordering of packets, error control, slow start and fast start, suggested by Dr. Dr. R. Venkateswaran.		
16	Discussion on PO, PEO and PSO is carried out.		
17	PRR proposed vote of thanks.		

Prepared by	Approved by
 Autonomy Coordinator	 Dean, SEE

MIT Academy of Engineering (An Autonomous Institute)	MINUTES OF MEETING (MOM)	
	Alandi (D), Pune – 412105	Academic Year 2020-21
SCHOOL OF ELECTRICAL ENGG	Term	I



Date:	10 November 2020
Type of Meeting:	BoS meeting

Agenda of Meeting:
<ol style="list-style-type: none"> 1. Welcome address 2. Discussion on action taken report of previous BoS 3. Discussion on proposed curriculum structure 2019-23 pattern 4. Discussion on SY BTECH (E&TC, ETX), Sem IV, course syllabi of 2019-23 pattern for TY and BTECH 5. Open discussion and suggestions 6. Vote of thanks

Minutes of Meeting:			
Sr. No.	Particulars	Responsibility	Target Date
1	The Chairman welcomed all the members of the Board. He introduced newly joined BoS members.		
2	The chairman express gratitude to all the existing BoS members for guiding us over the previous two years.		
3	The Chairman briefed about the agenda for the current meeting		
4	PRR briefed about the proposed curriculum structure 2019-23 pattern		

5	<p>ATR of Previous BoS has discussed,</p> <p>Institute level discussion is going on related to the credits for department elective and open elective should be more as compared to Natural sciences, Engineering science, Humanities and social sciences.</p> <p>Computer Networks course is swapped with Principles of Communication Systems for better linking of courses.</p> <p>Institute level discussion is going on related to course objective should be written in a philosophical paragraph and course outcomes should be point form as it is measurable.</p>		
5			
6	<p>Course dependent chart can be prepared for better representation of course linking instead of prerequisite is under discussion at institute level.</p>		
7			
8	<p>All BoS members have suggested many courses for department electives like, System Programming & Operating System, Statistical Signal Processing, Data Structures, Industrial N/W, EMI/EMC, SKADA Systems etc. are included as departmental elective in 2019-23 pattern.</p> <p>Revision of examination scheme of MTECH (Electronics) 2020-21 pattern is under process.</p>		
6	<p>The forum was then opened for discussion.</p>		
7	<p>Mr. Ashish Srivastava presented the course Electromagnetic theory and applications, Mr. Amit Nagarale presented the course Microcontroller and interfacing</p>		
8	<p>Dr. Debashis Adhikari presented the course Random variable and stochastic processes, Mr. Prashant Aher presented the course Network Analysis techniques and Dr. Dipti Sakhare presented the course Circuit simulation tools and techniques.</p>		

9	Basic concept of transmission line should be added in the Electromagnetic theory and applications course.	Course champions and members	Academic Year 2020-21
10	Difference in low frequency and high frequency network theory should be added in Electromagnetic theory and applications course		
11	Text books mentioned for Electromagnetic theory and applications course should be widely available.		
12	Application word can be avoided in the title of Electromagnetic theory and applications course, suggested by Dr. S.N. Merchant		
13	Some exposure of microprocessor should be given before the overview of microcontroller in the Microcontroller and interfacing course suggested by Dr. S.N. Merchant, Dr. R. Venkateswaran, Dr. K P Ray and Dr. Sanjay Talole		
14	Arduino should be included in practical of the Microcontroller and interfacing course.		
15	It is very difficult to complete the Random variable and stochastic processes course in 16 hrs. suggested by all BoS members.		
16	BoS members insisted to include Random variable and stochastic processes course for minimum 3 credits, as per the discussion it is not possible to justify the course in 1 credit as per the current structure.		
17	State space method should be incorporate in the Network Analysis techniques course.		
18	Reference books by N Balabanian should be added for Network Analysis techniques course.		
19	PRR proposed vote of thanks.		

Prepared by	Approved by
 Dr. Prachi R. R. Autonomy Coordinator	 Dean, SEE

MIT Academy of Engineering (An Autonomous Institute)	School of Electrical Engg. <i>Advancing Humanity through Technology</i>
Alandi (D), Pune – 412105	(Accredited by NBA, ISO 9001:2008 Certified)

AGENDA

BTECH (SEE) BoS MEET

TERM – II [2020-21]

DAY	Tuesday	DATE	Nov 10, 2020
TIME	3.00 PM	VENUE	Online - Gotowebinar

Sl. No.	Activity Planned	Scheduled Time
1	Welcome Address	03.00 pm to 03.15 pm
2	Overview of School of Electrical Department, discussion on action taken report of previous BOS	03.15 pm to 03.45 pm
3	Discussion on proposed curriculum structure 2019-23 pattern	03.45 pm to 04.15 pm
4	Discussion on SY BTECH (E&TC,ETX), Sem. IV, course syllabi of 2019-23 pattern for TY and BTECH	04.15 pm to 04.45 pm
5	Open Discussions and suggestions	04.45 pm to 04.55 pm
6	Vote of Thanks	04.55 pm


Dr. Prachi Rajarapollu
Autonomy Coordinator

MITAcademy of
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ACTION TAKEN REPORT
BTECH (SEE) BoS – NOV 10, 2020**TERM – I [2020 – 21]**

DAY	Thursday	DATE	Nov 10, 2020
TIME	3.00 PM	VENUE	Gotowebinar

Sl. No.	BoS Suggestions	Action Taken
1	Electromagnetic theory and application course should be in linking with Microwave theory course.	Contents has been linked with said course
2	Text books and reference books given in syllabus copy must be widely available	Revisited and modified text book and reference books
3	Electromagnetic Theory and Applications – course name can be revisited, title can be generic rather than specifically mentioned word application	Revised the name of course
4	In Microcontroller and interfacing course - Introduction to microprocessor is must to understand gradual transition from microprocessor to microcontroller.	Revised the contents as per the suggestion given

5	Random Variables and Stochastic Processes – Course is difficult to cover up in 16 hrs, credits assigned are not enough to justify the course, contents are very good but time, credits assigned is not sufficient.	Implemented all the suggestions given
6	Random Variables and Stochastic Processes – Course can be shifted to third year rather than second year	Course has been shifted to third year


 Dr. Prachi R Rajarapollu
 Autonomy Coordinator


 Dr. Debashis Adhikari
 Dean (SEE)

MIT**(An Autonomous Institute)****Academy of
Engineering****School of Electrical Engg.***Advancing Humanity through Technology***Alandi (D), Pune – 412105****(Accredited by NBA, ISO 9001:2008 Certified)****REPORT****Activity** : Board of studies meeting [Term-I]**Details** : Curriculum framework discussion for 2019-23 pattern & SY (Sem – IV), TY(Sem VI) & BTECH (Sem – VIII) course review**Trigger Point** : Overview and discussion for proposed pattern for 2019-23 and new courses offered for semester IV**Date** : November 10, 2020**Venue** : Gotowebinar**Level of the Event** : Department (E&TC/ETX)**Coordinator** : **Dr Prachi R Rajarapolu****Attendees** : SY, TY & BTECH (SEE) Faculty members**No. of Participants** : 45

BoS chairman and representatives	09
BoS members	48
Total No. of Participants / Faculty members	57

Resource Faculty : **Dr Sanjay Talole**, Representative – Research, Sc. 'G', R&DE Engineers (DRDO) (Research)
Dr S N Merchant, Academician, Dept. of EE, IIT Bombay
Dr K P Ray, Dean (Sponsored Research) & HoD (Electronics Engg. Dept. & CSIT Dept.) DIAT

Objective

Dr Preeti Rege, University Representative, HoD E&TC,
COE Pune

Dr R Venkateswaran, Industry representative, Sr VP, IoT
Solutions, Persistent, Pune

Mr. Ravi Maknikar, Representative - Professional
Society – ISA, Zenith Technologies

Mr. Amol Dere, Representative – Industry – Alumni,
Manager, Automotive Research Association of India
(ARAI), Pune

Outcomes

Ans

Dr Sunita Barve, Dean Academics, MIT AOE Pune

Prof Sunil Bhagat, Dean QA, MIT AOE Pune

Objectives

:

- To develop world-class curriculum for the students for 2019-23 pattern
- To validate the course content of SY, TY and BTECH
- To scrutinize the SY, TY & BTECH (SEE) Curriculum design
- To design the course content useful for placement, entrepreneurship and skill development

Dr. Deba

members
Outcomes

:

has been

been pre


proper


- Analyze and appreciated the structure of curriculum designed.
- Modification in some of course content had been discussed.
- Suggested the swapping of some courses to form better linking of courses.
- Directed to change the credits for some courses to justify it correctly
- Elaborated the various parameters related to curriculum design.

Dr Debashish Adhikari, Dean (SEE) welcomed the BoS representatives and members. Motivation for revision in courses and linking of courses for all four year has been explained by dean (SEE). New revised pattern of curriculum 2019-23 has been presented by Dr. Prachi Rajarapollu. The experts analyzed the same and proper justification was given by the Dean and course champions.

Other Remarks :

- Framework for 2019-23 pattern is well appreciated by the guest
- BoS representatives more emphasized on designing curriculum useful for product development entrepreneurship and skill development
- Placement, entrepreneurship development is one of the important parameter for school/ institute.
- As per the discussion in meeting, it is desirable to have more credits allocated to discipline core courses.
- Valuable inputs are given by BoS member on course name, course contents and course linking with other department courses.
- Complete minutes of meeting has been attached with this report.


Dr Prachi R Rajarapolu
Autonomy coordinator


Dr Debashish Adhikari
Dean School of Electrical Engineering

MIT Academy of Engineering, Alandi -412105

School of Chemical Engineering

Board of Studies meeting

Meeting No.01/2021

Date: 29th April 2021

The agenda for the meeting is as follows.

1. Discussion about Third-year autonomy curriculum
2. SY, TY B. Tech result - Interaction with faculty members
3. Assessment and evaluation method
4. Any other relevant points with permission from BoS Chairman

MIT Academy of Engineering, Alandi -412105
School of Chemical Engineering
Minutes of Meeting (Board of Studies)

A meeting of all BoS members of Chemical Engineering was held on 29th April 2021 at 10.00 am on online mode on webinar.

Following members were present during the meeting:

S.N	Name	Designation	S. N	Name	Designation
01	Prof. M Senthilkumar	Chairman	12	Mr. V A Tarange	Member (Faculty)
02	Prof (Dr.) S. S Bhagwat	Member (VC Nominee)	13	Mrs. A Gode	
03	Prof. (Dr.) Bharat Bhanvase	Member (Academic)	14	Mr. Amol Kapse	
04	Dr. Ravindra Gudi	Member (R&D)	15	Mrs. S S Shende	
05	Dr. Prafulla Garge	(Member, Professional Society)	16	Dr. M P Patil	
06	Dr A M Kotha	Member (Faculty)			
07	Dr. S P Shewale				
08	Dr P N Sutar				
09	Mrs. M D Sardare				
10	Mr. S S Gandhi				
11	Mr. V D Pakhale				

Leave of absence was granted to

1. Mr. Alpesh Dakshini (Member, Alumni)
2. Mr Prasad Kadolikar (Member, Industry)

All the external members of BoS were given a warm welcome by the Dean school. Dean Sir discussed previous minutes of meeting and agenda of present meeting to all BoS member.

Following points were discussed during the meeting:

1. Senthilkumar sir briefed about the last BoS minutes of meeting action taken over them.
2. Prof S S Gandhi Sir, introduce all the new BoS members with warm welcome.

3. Dean Sir discussed the curriculum structure of 5th and 6th semester and he has informed all BoS members that discussion is going on project management course as well as sustainable development course. As we have decided to run project for 5th, 6th and 7th semester then whatever the project management concepts are there that will be covered in these three semester. So management has decided to run sustainable development course for all branches.
4. Prof. S S Bhagwat sir raise the point about the relation between credits and marks relation for our university.
5. Then Dean Sir, requested to T Y B Tech course champions to present their courses in front of BoS members.
6. The following faculty presented their courses

Sr No	Course Code	Course	Presented by
1	CH-341	Chemical Engineering Operations	Mr S S Gandhi
2	CH-343	Chemical Reaction Engineering	Dr P N Sutar
3	CH-351	Process Engineering	Dr S P Shewale
4	CH-344	Computational Fluid Dynamics: (CFD)	Mrs A Gode
5	CH-342	Separation Processes	Mr M Senthilkumar
6		Design for Sustainability	Dr M P Patil

7. The following course wise suggestions were given during the discussion.

Sr No	Course Code	Course	Suggestions
1	CH-341	Chemical Engineering Operations	<ul style="list-style-type: none"> • Prof. Bharat Bhanvase sir suggested that, for fluidization will require more than 4 hrs. • Prof Ravi Gudi Sir suggested that, if in Fluid mechanics multiphase and slurry part is not covered then introduce it in this subject. • Prof Ravi Gudi Sir suggested that, in Fluid mechanics solid flow transport, slurry flow should be there.
2	CH-343	Chemical Reaction Engineering	<ul style="list-style-type: none"> • Prof. S S Bhagwat Sir suggested that, gas-vapor reactions should be there. • Dr Prafulla Garge Sir asked about the plan of multiphase reactions. • Dr. Bhanvase Sir suggested that in non-catalytic reactions, if possible bubble column & some design part should be included. • Dr. Bhanvase Sir suggested that, Levenspiel book has many ideas about the same topic non-catalytic reactions, If you can try split units like fluid-fluid and fluid –solid reactions. And whatever the part you are

			trying to cover in multiphase reactor that try to include in each unit where the content can match.
3	CH-351	Process Engineering	<ul style="list-style-type: none"> • Dr Ravi Gudi Sir – According to him synthesis part should be covered earlier rather than 5th unit. He has pointed that if you have included troubleshooting, costing in your syllabus then it is a part of process operations then try to use different books for references. You can use books like Rudveek, Duggles etc. • Prof. Bhagwat sir also supported to above points.
4	CH-344	Computational Fluid Dynamics: (CFD)	<ul style="list-style-type: none"> • Prof. Bhagwat sir suggested that, first complete one cycle of this course and then according to review based on students', modifications can be done in the course. • Prof. Bhagwat sir suggested that, introduce tutorial sessions for this course. • Prof. Ravi Gudi – Suggested that search for open source software for this course.
5	CH-342	Separation Processes	<p>Prof. Bhagwat sir told that Mc Thiele method is most useful method. Other methods are used only for design purpose. You can remove Ponchon-Savorit method as it is not widely used. Reactive distillation Batch distillation is covered or other things are also going to cover. Some stage wise distillation part also tries to cover. In steam distillation practical if you are trying to use Aniline then try to take more safety because it is hazardous in nature otherwise you can use turpentine also. Try to give more focus on distillation column as it is need of today's industry need. Introductory part of Chromatography also includes in syllabus.</p> <ul style="list-style-type: none"> • Prof. Bhagwat sir also suggested that chromatographic separation should be covered in this course.
6		Design for Sustainability	<ul style="list-style-type: none"> • Prof. Bhagwat sir give suggestions that while planning for case studies try to find different case studies for each year otherwise there will be problem of copy paste for students. • Dr Ravi Gudi Sir suggested that give flavor of chemical Engineering. • Dr Ravi Gudi sir suggested book Sustainable Engineering: Principles and Practice by Bhavik Bakshi for the same course.

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8. After the course presentations, Dean Sir discussed the examination scheme on ongoing situation i.e. pandemic situation. Dean sir informed to all BoS members that we are trying to include negative marking as well as more subjective questions in the next semester.
9. Dean Sir discussed the B. Tech. honor degree & asked suggestions by BoS members.
10. Dr Bhanvase Sir suggested that Green Chemistry is already there but think about Nanotechnology, many inventions are going in this field.
11. Dean Sir discussed the statistics of Graduate students in terms of placement, higher study in abroad, higher study in India etc. This discussion happens based on the request by Dr S S Bhagwat Sir.
12. Discussion on name changing for Chemical Equipment Design course as it is included in two different semesters and same name cannot be given. So suggestions can also give afterwards.
13. The meeting was concluded ny vote of thanks given by Mr S S Gandhi.

MIT Academy of Engineering, Alandi -412105

School of Chemical Engineering

Board of Studies meeting

Meeting No.02/2020

Date: 09th Nov 2020

The agenda for the meeting is as follows.

1. Minutes of meeting for the previous BoS and action taken report.
2. Introduction and welcome of the new members on BoS.
3. Discussion on the course of 4th Semester for the A Y 2020-21 regulations 2019-23.
4. Suggestions for the upcoming semester courses.
5. Discussion on the assessment and evaluation of the current semester.
6. Any other points.

MIT Academy of Engineering, Alandi -412105
School of Chemical Engineering
Minutes of Meeting (Board of Studies)

A meeting of all BoS members of Chemical Engineering was held on 9th November 2020 at 10.00 am on online mode on webinar. The webinar id of meeting was 821-307-859.

Following members were present during the meeting:

S.N	Name	Designation	S. N	Name	Designation
01	Prof. M Senthilkumar	Chairman	12	Mr. S S Gandhi	Member (Faculty)
02	Prof. (Dr.) Srinivas Krishnaswamy	Member (Academic)	13	Mr. V D Pakhale	
03	Prof. (Dr.) Bharat Bhanvase	Member (Academic)	14	Mr. V A Tarange	
04	Dr. Ravindra Gudi	Member (R&D)	15	Mrs. A Gode	
05	Dr. Prafulla Garge	(Member, Professional Society)	16	Mr. Amol Kapse	
06	Mr. Alpesh Dakshini	(Member, Alumni)	17	Mrs. S S Shende	
07	Mr Prasad Kadolikar	(Member, Industry)	18	Dr. M P Patil	
08	Dr A M Kotha	Member (Faculty)			
09	Dr. S P Shewale				
10	Dr P N Sutar				
11	Mrs. M D Sardare				

Leave absence was granted to

1. Prof (Dr.) S. S Bhagwat Member (VC Nominee)
2. Prof. (Dr) N M Rane Member (Faculty)

All the external members of BoS were given a warm welcome by the Dean school. Dean Sir discussed previous minutes of meeting and agenda of present meeting to all BoS member.

Following points were discussed during the meeting:

1. Senthilkumar sir briefed about the last BoS minutes of meeting action taken over them.

2. Prof S S Gandhi Sir, introduce all the new BoS members with warm welcome.
3. Dean Sir requested to Champions of S Y B Tech courses to present their course content in front of BoS member.
4. The following course wise suggestions were given during the discussion.

Sr No	Course Code	Course	Suggestions
1	AS-203	Applied Mathematics	<ul style="list-style-type: none"> • Use book by Chhapra and Canal for numerical methods. • Take Laplace transform applications in process control. • Curve fitting topic is missing in statistics.
2	CH-231	Heat Transfer	<ul style="list-style-type: none"> • In phase change boiling & condensation & condensation of pure vapour is enough & reduce the time. • Emphasize trends in heat exchanger. • Emphasis on Heat exchanger design • If time permit include agitators in Unit VI • Bridge the gap between the mathematics & this course. Heat mechanics of Heat transfer can be included in practical. • Give the exposure to students about simulation softwares so as they can understand the subject & they can do well at T Y B Tech & B Tech.
3	CH233	Mass Transfer	<ul style="list-style-type: none"> •

5. After the course presentations dean Sir discussed assessment & evaluation.
6. Dean Sir discussed the curriculum structure of T Y B Tech & B Tech.
7. Dr Srinivas Sir appreciated the long term goals i.e. minor degree in Process Engineering
8. Dr Srinivas Sir suggested the book for Process Engineering i.e. S B Thakore & B I Bhatt "Introduction to Process Engineering & Design".
9. Dr Srinivas sir suggested that, do well synchronization in process economics, process analysis & Process design.
10. Dr Srinivas sir also suggested that, course content for process Design should be designed carefully & takes the opinions of academic & Industry experts.
11. Alpesh Sir appreciated the alignment of course content with Industry.
12. Alpesh Sir also suggested that in semester VII Plant Design with Piping Dynamics Simulation can be included.
13. Dr Bharat Sir suggested that, we can have different softwares & we should have to give exposure to student by taking practical on it.
14. Dr Srinivas Sir suggested one more book i.e. Seider D Warren, Seider D J Lewin Daviel "Product & Process Design Principles".

15. The meeting was concluded by giving thanks to all BoS member.