

Agenda for 10th Meeting of Board of Studies for B. Tech. (Mechanical Engineering) on 09-01-2021 at 11.45 AM

1. Action taken report on minutes/ resolutions of 9th BOS meeting.
2. Administrative set-up for B. Tech Program.
3. Syllabi with Course Objectives, Course Outcomes, Lesson Plans and Model Question Papers for the Courses of **I B. Tech** (Under SVEC-20).
4. Any Other item.



Prof. T. HARIPRASAD
Chairman, BOS (ME)

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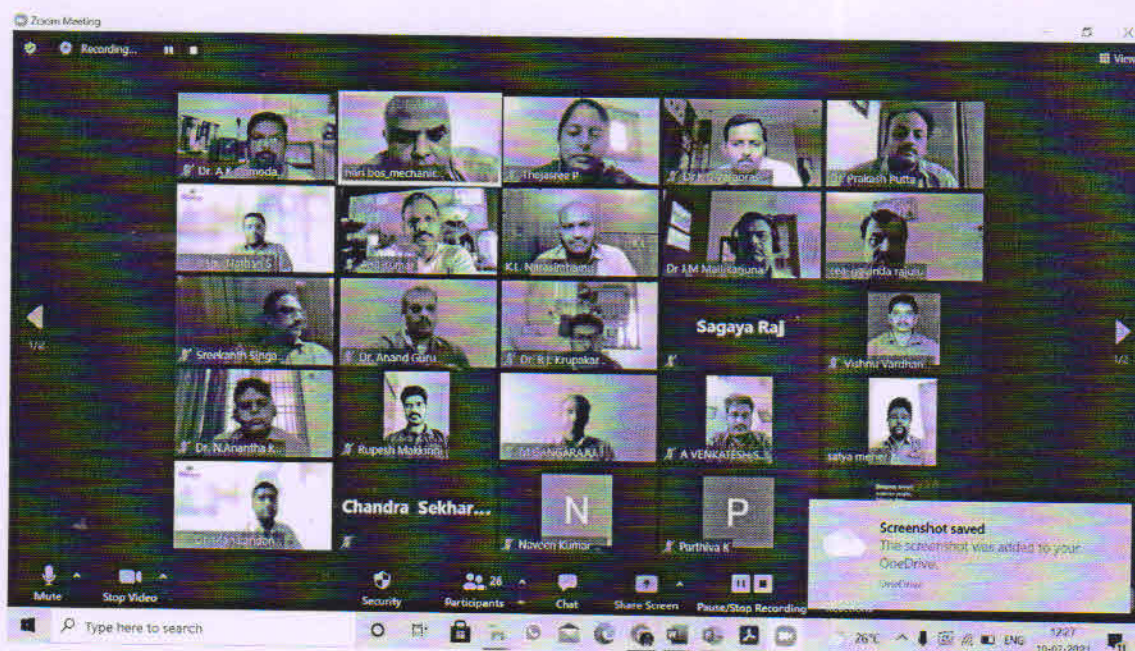
10th Meeting of the Board of Studies in Mechanical Engineering held on 09th January, 2021

MINUTES

Members Present:

1.	Dr. T. Hariprasad	Chairman, BOS Mechanical Engineering	Chairman
2.	Prof. K. Govindarajulu	Principal, JNTUCE, Anantapur.	Member
3.	Dr. Anil Kumar E	Dean Industrial Research, Dept. of ME, IITT, Tirupathi.	Member
4.	Dr. Anand Gurupatham	DGM, Renault – Nissan Technology Business Centre, Chennai .	Member
5.	Mr.M.Rupesh,	Design Engineer, Terex India Private Limited, Bangalore.	Member
6.	Dr. K.C. Varaprasad	HOD, Mechanical Engineering	Member
7.	Dr. A.K.Damodaram	Professor of ME	Member
8.	Dr. R. Satya Meher	Professor of ME	Member
9.	Dr. K. Lakshmi Narashimhamu	Professor of ME	Member
10.	Dr. N. Manikandan	Associate Professor of ME	Member
11.	Dr. J.S. Binoj	Associate Professor of ME	Member
12.	Dr. R.L. Kurpakaran	Associate Professor of ME	Member
13.	Dr. N. Anantha Krishna	Associate Professor of ME	Member
14.	Dr. P. Prakash	Assistant Professor of ME	Member
15.	Mr.S. Sreekanth	Assistant Professor of ME	Member
16.	Mr.M. Gangaraju	Assistant Professor of ME	Member
17.	Ms.P.Tejasree	Assistant Professor of ME	Member

10th Meeting of Board of Studies of Mechanical Engineering (ME) was conducted through online video conferencing using ZOOM platform. The screenshot taken during the meeting is shown below:



1. Action taken report on minutes/ resolutions of 9th BOS meeting held on 14-07-2020.

The action taken report on the suggestions made by the honorable members in the 9th BOS meeting held on 14th July 2020 was presented. The members agreed with proceedings and approved the action taken against the suggestions made in the previous meeting.

2. Report on implementation of autonomy with respect to syllabi & academic regulations for II B.Tech under SVEC-19 regulations.

In implementation of autonomy with respect to syllabi & academic regulations for II B.Tech under SVEC-19 regulations. The teaching and learning practice of theory and laboratory courses were conveyed to the members due to Covid-19. The members expressed satisfaction over it.

3. Administrative set-up for B. Tech Program.

The members expressed satisfaction over Administrative set-up for B. Tech Program.

4. Syllabi with Course Objectives, Course Outcomes, Lesson Plans and Model Question Papers for the Courses of I B. Tech (Under SVEC-20).

The members agreed with proceedings and approved syllabi for the Courses of I B. Tech (Under SVEC-20) with the following suggestions.

I B.Tech, I sem(ME)

- **Material Science Engineering** - Suggested include introduction to nanomaterials, nanocomposites and shape memory alloys considering mechanical applications.
- **Engineering Workshop** – Appreciated 3D printing in the syllabus.

I B.Tech, II sem(ME)

- **Basic Engineering Mechanics** – Check the vibrations topic for reoccurring in the syllabus.


5. Panel of Examiners for Question paper setting for II B.Tech courses (Under SVEC-19).

The Board considered and approved the Panel of Examiners for Question paper setting for II B.Tech courses (Under SVEC-19) during the academic year 2020-21.

6. Any other item.

The Board authorized the chairman BOS to effect any minor changes as per the need in syllabi and later intimate these changes to the members of the BOS.

The chairman BOS profusely thanked the members for their support and guidance



(Dr.T.Hariprasad)
Chairman, BOS (ME)

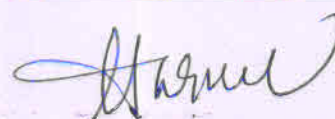
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COURSE STRUCTURE
MECHANICAL ENGINEERING
I B.Tech. – I Semester

S. No.	Course Code	Course Title	Contact Periods per week				C	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	19BT1BS01	Differential Equations and Multivariable Calculus	3	1	-	4	4	40	60	100
2.	19BT1BS04	Engineering Chemistry	3	-	-	3	3	40	60	100
3.	19BT1HS01	Communicative English	3	-	-	3	3	40	60	100
4.	19BT10501	Programming for Problem Solving	3	1	-	4	4	40	60	100
5.	19BT1BS32	Engineering Chemistry Lab	-	-	2	2	1	50	50	100
6.	19BT1HS31	Communicative English Lab	-	-	2	2	1	50	50	100
7.	19BT10331	Computer Aided Engineering Drawing	-	1	2	3	2	50	50	100
8.	19BT10531	Programming for Problem Solving Lab	-	-	2	2	1	50	50	100
Total:			12	3	8	23	19	360	440	800

I B.Tech. – II Semester

S. No.	Course Code	Course Title	Contact Periods per week				C	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	19BT2BS01	Transformation Techniques and Linear Algebra	3	1	-	4	4	40	60	100
2.	19BT1BS02	Biology for Engineers	2	-	-	2	2	40	60	100
3.	19BT2BS02	Applied Physics	3	-	-	3	3	40	60	100
4.	19BT10201	Basic Electrical and Electronics Engineering	3	-	-	3	3	40	60	100
5.	19BT20301	Basic Engineering Mechanics	3	1	-	4	4	40	60	100
6.	19BT20302	Material Science and Engineering	3	-	-	3	3	40	60	100
7.	19BT2BS31	Applied Physics Lab	-	-	2	2	1	50	50	100
8.	19BT10231	Basic Electrical and Electronics Engineering Lab	-	-	2	2	1	50	50	100
9.	19BT20331	Engineering Workshop	-	-	2	2	1	50	50	100
10.	19BT20332	Material Science and Engineering Lab	-	-	2	2	1	50	50	100
Total:			17	2	8	27	23	440	560	1000
11.	19BT1AC01	Spoken English	2	-	-	2	-	-	-	-



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