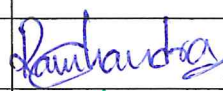
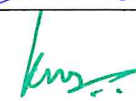
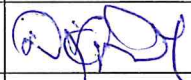
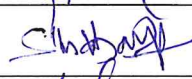
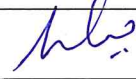
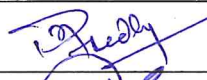
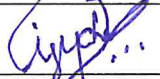

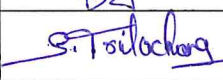
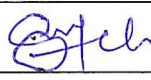




Date: 11-02-2022

## MINUTES OF MEETING - BOARD OF STUDIES (BOS)

Minutes of Meeting of Board of Studies of Department of Electrical and Electronics Engineering held on 11<sup>th</sup> February 2022 at 2.30 pm through online mode.

### Members Present:

S. No.	Name of the Faculty	Designation	Signature
1.	Dr. N. Ramchandra (Professor of EEE & HOD)	Chairman	
2.	Dr. K. Naga Sujatha (Professor of EEE & Dy. Director UGC-HRDC, JNTUH)	University Nominee	
3.	Dr. N. Rajeswaran (Professor of EEE, MREC)	Educationist	
4.	Dr. P. Sridhar (Professor of EEE, IARE)	Educationist	
5.	Dr.S.V.S.Rama Krishnam Raju (Dean Academics)	Member	
6.	Dr.D.Ranadheer Reddy (Professor & HOD, H&S)	Member	
7.	Dr. T. Vishnucharan (DGM, TATA Projects)	Industrialist	
8.	Mr. G. Sridhar Babu (Assistant Professor)	Faculty Member	
9.	Mrs. S. Trilochana (Assistant Professor)	Faculty Member	
10.	Mr. CH. Srinivas (Assistant Professor)	Faculty Member	
11.	Mr. N. D. Manoj (Assistant Professor)	Faculty Member	
12.	Ms. Sameeksha. (Systems Engineer, Infosys)	Alumni Member	

The Chairman of BOS committee, Dr. N. Ramchandra has extended a warm welcome to the University Nominee Dr. K. Naga Sujatha Madam, Professor of EEE & Dy. Director UGC-HRDC, JNTUH all other BOS members.

**The following points were discussed and approved during the meeting**

1. The following Regulation SMEC R20 course structure and detailed syllabus for III-I, III-II and IV-I, IV-II year were presented, discussed and approved and the total credits for the programme were discussed, finalized and approved.

S. No.	Theory	Laboratory
<b>III Year I Semester (R20)</b>		
1.	1. Control Systems 2. Power Systems – II 3. Electrical Measurements and Instrumentation 4. Business Economics and Financial Analysis 5. Professional Elective – I 6. Intellectual Property Rights	1. Electrical Measurements and Instrumentation Lab 2. Control Systems Lab 3. Advanced Communication Skills Lab 4. Power Systems Simulation Lab
<b>III Year II Semester (R20)</b>		
2.	1. Power System Protection 2. Microprocessors and Microcontrollers 3. Signals and Systems 4. Electrical Energy conservation and Auditing 5. Open Elective – I 6. Professional Elective – II 7. Environmental Science	1. Power Systems Lab 2. Microprocessors and Microcontrollers Lab 3. Signals and Systems Lab
<b>IV Year I Semester (R20)</b>		
3.	1. Fundamentals of Management for Engineers 2. Professional Elective – III 3. Professional Elective – IV 4. Open Elective – II	1. Electrical and Electronics Design Lab 2. Industry Oriented Mini Project 3. Seminar 4. Project Stage - I
<b>IV Year II Semester (R20)</b>		
4.	1. Professional Elective – V 2. Professional Elective – VI 3. Open Elective – III	1. Project Stage - II

2. The following Regulation SMEC R22 course structure and detailed structure of I -I, I-II and II-I, II-II semester were presented, discussed and approved.

S. No.	Theory	Laboratory
<b>I Year I Semester (R22)</b>		
1.	1. Linear Algebra and Calculus 2. Engineering Chemistry 3. Basic Electrical Engineering 4. Engineering Workshop 5. Professional English	1. Engineering Chemistry Lab 2. English Language Communication Skills Lab 3. Basic Electrical Engineering Lab 4. Technical Seminar 5. Induction Programme

<b>I Year II Semester (R22)</b>		
2.	1. Ordinary Differential Equations and Vector Calculus 2. Applied Physics 3. Programming for Problem Solving 4. Engineering Graphics 5. Environmental Science	1. Applied Physics 2. Programming for Problem Solving Lab 3. Micro Project
<b>II Year I Semester (R22)</b>		
3.	1. Electrical Circuit Analysis 2. Electromagnetic Fields 3. Electrical Machines – I 4. Engineering Mechanics 5. Analog Electronics	1. Electrical Machines I Lab 2. Electrical Circuits lab 3. Analog Electronics Lab 4. Gender Sensitization Lab
<b>II Year II Semester (R22)</b>		
4.	1. Transformations, Complex Variables & Numerical Techniques 2. Electrical Machines – II 3. Power Electronics 4. Digital Electronics 5. Power Systems I 6. Constitution of India 7. Electrical Software (Value Added Course)	1. Electrical Machines II Lab 2. Power Electronics Lab 3. Digital Electronics Lab

3. III year and IV year course structure (R22) were presented, discussed and approved.

The following points were suggested in BOS meeting:

1. The BOS Committee has suggested few changes in the Syllabus of Electrical Energy conservation and Auditing Subject.
2. The Committee members has suggested to introduce Embedded Systems and Design Subject in Professional Elective IV instead of Line Commutated and Active Rectifiers.

The meeting was concluded with the Chairman's vote of thanks. All the meeting members were thanked for their live and useful interaction by providing the best possible syllabus output for the B.Tech programs.

**Photographs during the BOS meeting:**

HOD-EEE St. Martin's Engineering College is presenting

**LIST OF OPEN ELECTIVES PROPOSED BY EEE DEPT. UNDER SMEC**

S.No	Open Elective	Course Code	Name of the Course
1.	Open Elective-I	EE6110E	Non-Conventional Power Generation
		EE6110H	Smart Grids
		EE6110R	Advanced Engineering Materials
2.	Open Elective-II	EE7110E	Green Buildings and Energy of Electrical Systems
		EE7110F	Energy Storage system
		EE7110G	Basics of Power Plant Engineering
3.	Open Elective-III	EE8110E	Energy Storage and Applications
		EE8110H	Reliability Engineering
		EE8110R	Utilization of Electrical Energy

• The course highlighted in Red Colour is newly added Courses.

People

Add people


Search for people

In call

- DANIEL MANOJ NE... (You)
- Dr. K.Naga Sujatha
- Dr. Rajeswari Nagalingam
- GURIJALA SRIDHAR BABU
- HOD-EEE St. Martin's Eng... Meeting host
- HOD-EEE St. Martin's Eng... Presentation

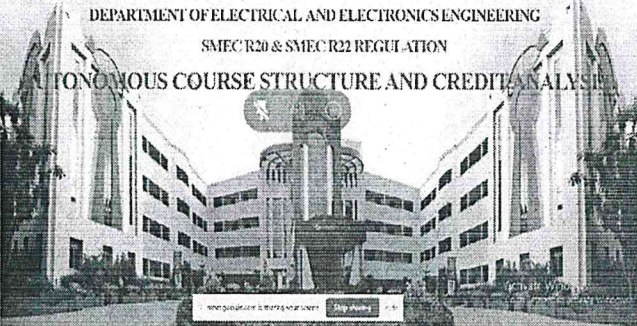
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**ST. MARTIN'S ENGINEERING COLLEGE**  
UGC Autonomous

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
SMEC R20 & SMEC R22 REGULATION  
AUTONOMOUS COURSE STRUCTURE AND CREDIT ANALYSIS



SIRIYALA TRILOCHANA

GURIJALA SRIDHAR BABU

HOD-EEE St. Martin's Eng...

You

*Sambandag*  
Chairman, BOS 11/2/22

Copy to: Principal, IQAC

Head of the Department  
Department of Electrical & Electronics Engineering  
St. Martin's Engineering College  
Dhulapally, Secunderabad, Telangana.