



Samrat Ashok Technological Institute (SATI), Vidisha (M.P.)

Minutes of BoS Meeting of B.Tech.(Electrical Engg.)

A BoS meeting for B. Tech (Electrical Engg.) has been conducted successfully in the guidance of BoS chairman and members on 07.06.2023 at 11:00 am in Online Mode.

All the members of the BoS were present in the meeting. The members are as follows:-

Sr. No.	Name	Designation and Institute	Role in BoS	Sign
1	Prof. C. S. Sharma	Assot. Prof., HoD, Electrical Engg.	Chairman	
2	Dr. R K Saxena,	Director, SGSITS Indore	Member	
3	Dr. Trapti Jain	Professor, IIT, Indore	Member	
4	Dr. Pradyumn Chaturvedi	Associate Prof., VNIT Nagpur	Member	
5	Er. H.S.Rathore	DE, Feeder Maintenance, BHEL Bhopal	Member	
6	Prof. Shivendra Singh Thakur	Assistant Prof SATI	Member	
7	Dr. Monika Jain	Assistant Prof SATI	Member	
8	Dr. Jitendra K. Tandekar	Assistant Prof SATI	Member	
9	Dr. Shilpi Tomar	Assistant Prof SATI	Member	
10	Dr. Jeetendra Prasad	Assistant Prof SATI	Member	
11	Prof. Sudhir Sharma	Assistant Prof SATI	Member	

Meeting Agenda-

The agenda of the meeting was to discuss and approve the proposed scheme and syllabus (Semester III and Semester IV) of the B.Tech. Programme (EE) for the students those will get the admitted in 2022 academic session. Additionally, there was a need to update the syllabus for Analog and Digital Electronics (EE-1852) for the B.Tech. students admitted in the year 2021.

Google Meet Link of the meeting was meet.google.com/wjm-dwdj-uwh

- The meeting started with welcoming subject experts and industry experts.
- All the members gone through the proposed scheme, proposed syllabus

- The suggestions given by the BoS members and the action taken on it are as follows:

1	Suggestion	Course outcomes to required update like CO1, CO2, CO3, CO4 and CO5 or according to the unit wise update in syllabus.
	Resolution	We have taken the suggestion into account and updated the course outcomes (CO1, CO2, CO3, CO4, and CO5) accordingly in the revised syllabus.
2	Suggestion	Reduce the contents of the syllabus of EMEC-I and EMEC-II.
	Resolution	We have considered the suggestion and made the necessary updates to the syllabus of EMEC-I and EMEC-II, reducing the content accordingly.
3	Suggestion	Include at least two textbooks and some reference books according to the entire syllabus. Also, publishers and year properly.
	Resolution	As per the suggestion, we have included at least two textbooks and several reference books in the entire syllabus. The textbooks included are "Textbook 1" published by Publisher X and "Textbook 2" published by Publisher Y. Additionally, we have provided a list of reference books with their respective publishers for further reading and study.
4	Suggestion	In network analysis subject reduce the syllabus and remove some content like KVL, KCL, and theorem which is already in the BEE syllabus. Also, update the experiment of network analysis syllabus.
	Resolution	Resolution: As per the suggestion, we have reviewed the syllabus of the Network Analysis subject and made the necessary updates. We have reduced the syllabus by removing redundant topics such as KVL (Kirchhoff's Voltage Law), KCL (Kirchhoff's Current Law), and theorems that are already covered in the Basic Electrical Engineering (BEE) syllabus. Furthermore, we have updated the experiments included in the Network Analysis syllabus.
5	Suggestion	In Electrical Instrumentation syllabus should include a "net metering and Smart meter" overview in the measurement section of energy.
	Resolution	As per the suggestion, we have updated the syllabus of the Electrical Instrumentation course to include an overview of "net metering and smart meter" in the measurement section of energy. This addition will provide students with knowledge and understanding of the latest advancements in energy measurement technologies, specifically focusing on net metering and smart meters.
6	Suggestion	In Electrical Drawing and Instrumentation lab include the Electrical Auto CAD and the list of Experimental should update according to the syllabus.
	Resolution	As per the suggestion, we have updated the syllabus of the Electrical Drawing and Instrumentation lab to include AutoCAD and revised the list of experiments to align with the syllabus.
7	Suggestion	In Holistic Education provide a good book as a reference and also conduct expert lecture by online mode.
	Resolution	As per the suggestion, we have taken the following actions to enhance holistic education: Reference Book: We have included a highly recommended book as a reference in the holistic education syllabus. Expert Lecture: We have organized expert lectures as part of the holistic education curriculum. These lectures will be conducted online.
8	Suggestion	In a Power System syllabus only consider the generation and distribution in all five units. Remove the fourth and fifth unit. Also

		including Nagarath and Kothari and C.L Wadhwa books as a reference.
	Resolution	Based on the suggestion, we have made the following updates to the Power System syllabus: Syllabus Revision: We have revised the Power System syllabus to focus on the topics of generation and distribution. The fourth and fifth units, which were originally included in the syllabus, have been removed to align the course content with the suggested changes. Reference Books: As recommended, we have included two widely acclaimed books as references for the Power System course. "Power System Engineering" by C.L. Wadhwa and "Electric Power Systems" by D.P. Kothari and I.J. Nagarath are valuable resources that provide comprehensive coverage of power system generation and distribution. These books offer in-depth explanations, examples, and case studies that will enhance students' understanding of the subject matter.
9	Suggestion	Remove the power system from the open elective list.
	Resolution	Based on the suggestion, we have reviewed the open elective list and have decided to remove the Power System course from the options available.
10	Suggestion	Based on the recommendation of the industry expert, it is necessary to organize an industrial visit for the students and provide them with practical knowledge about the operation and working conditions of various machines.
	Resolution	Taking into consideration the recommendation of the industry expert, we have decided to organize an industrial visit for the students. The purpose of this visit is to provide them with valuable practical knowledge and insights into the operation and working conditions of various machines used in the industry.
11	Suggestion	The open elective syllabus of "Artificial Intelligence" should be updated with a focus on the application of Artificial Intelligence in various branches. And it explores how artificial intelligence can be applied in various fields. In addition, additional research papers may be included as a reference to provide further insight and depth of knowledge in the subject.
	Resolution	Based on the suggestion, we have carefully reviewed and updated the syllabus of the "Artificial Intelligence" course. The revised syllabus now focuses on the application of Artificial Intelligence in various branches and explores its practical implementation in different fields. To enhance the depth of knowledge in the subject, we have incorporated additional research papers as references.
12	Suggestion	In the Analog and Digital Electronics, EE-1852 syllabus II-Unit contents updates with III-Unit contents, Some of the topics of II-Unit are covered in the previous subject, and add the J. Millman, C Halkias books as a reference and updated the name of M. Morris Mano.
	Resolution	As per the suggestion, the following resolutions have been made regarding the Analog and Digital Electronics (EE-1852) syllabus: <ul style="list-style-type: none"> • The contents of II-Unit have been updated with the contents of III-Unit to avoid redundancy with the previous subject. • The books "J. Millman" and "C. Halkias" have been added as references for the subject.

		<ul style="list-style-type: none"> The name of the author "M. Morris Mano" has been updated.
13	Suggestion	In Finishing school, it will be better to organize at the institute level by external experts.
	Resolution	Based on the suggestion, we put up in the Academic Council meeting.
14	Suggestion	The subject of Basic Electrical & Electronics Engineering (BEEE) is compulsory to be taught in all the branches.
	Resolution	As per the suggestion, we put up in the Academic Council meeting.
15	Suggestion	Guest lectures are to be arranged for electrical related subject so that heavy subject can be covered by experts and syllabus can be light
	Resolution	As per the suggestion, we put up in the Academic Council meeting.