SAMRAT ASHOK TECHNOLOGICAL INSTITUTE, VIDISHA
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)
Department of Electronics Engineering

Program: Electronics & Instrumentation Engineering
Board of Studies (BoS) Meeting
(BoS Meeting Scheduled on 27 May 2025)
27.05.2025, 03:30 PM Onwards.

Held online at: //meet.google.com/irt-nwqo-uvo

Summary

(Course/subject name)	Course Code	Year / Date of introduction	Year / Date Of revision	Percentage of content added or replaced	Agenda Item No.	Page No.	Link of relevant documents/minutes
Courses where revision was carried out[*]							
NIL							

Courses focusing on employability / entrepreneurship /skill development[*]

(Course/subject name)	Course Code	Activities/contents which have a bearing on increasing skill and employability	Agenda Item No.	Page No.	Link of relevant documents/minutes
The courses shall be introduced in higher semesters (B. tech V semester) onwards after due consultation & approval from Board of Studies (E & I Engg.).					

New Courses added[*]

(Course/subject name)	Course Code	Activities / contents which have a bearing on increasing skill and employability	Agenda Item No	Page No.	Link of relevant documents/minutes
The courses shall be introduced in higher semesters (B. tech V semester) onwards after due consultation & approval from Board of Studies (E & I Engg.).					

Feedback on curriculum received from stakeholders: Analysis & ATR[*]

Stakeholder	Student	Faculty	Alumni	Employer
No.of responses	107	11	16	NA
Link of Analysis	**Students**	**Alumni**	**Faculty**	NA
ATR Link	Periodical BoS meetings are conducted for curriculum revision and modification.			NA
Link showing Excel sheet of Google Form details of Stakeholders	https://docs.google.com/spreadsheets/d/1rl_MpkN-pCQImg9hW1uDqjBGai-VSLMX-z5Vtu-TZJc/edit?usp=sharing	https://docs.google.com/spreadsheets/d/1ZiGGHgqmObq-uZmxD63G74ryKD7y9j9LanLpO5Un1K8/edit?usp=sharing	https://docs.google.com/spreadsheets/d/1f0e6TcaEP1WXJ8j9B3RJpJAg65jZ8OojvWBmBO1tsHE/edit?usp=sharing	NA

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Board of Studies members	A. Dr. Ashutosh Datar, Head (Dept. of Electronics Engg.) & Chairman
	B. The entire faculty of each specialization:
	    1. Dr. Alok Jain, Dean Academics & Professor
	    2. Dr. Jyotsna Ogale, Professor
	    3. Dr. Shilpa Datar, Asst. Professor
	    4. Prof. K. G. Kirar, Asst. Professor
	C. Two subject experts from outside the university
	    1. Dr. Aditya Trivedi, Professor, IIITM, Gwalior
	    2. Dr. Vandana Vikas Thakre, Professor, Department of Electronics, MITS Gwalior
	D. One representative from Industry/Corporate sector, allied/area
	    Mr. Prakash Verma, Key Account Manager, Robert Bosch, Bangalore
	E. Postgraduate Meritorious Alumnus
	    Dr. Meena Panchore, Assistant Professor, NIT Patna
	F. One expert nominated by Vice Chancellor, RGPV.
	
	Dr. S K Sharma, HOD, Deptt. of ECE, UIT,
	
	RGPV, Bhopal
	
	Comment: Dr. S K Sharma did not attend the meeting.

Minutes of Board of Studies Meeting
(Program: B. Tech Electronics & Instrumentation)
BoS Agenda Items & Resolutions

Item 1	To confirm the minutes of previous BoS meeting held in the month of December 2024
Resolution	As per the agenda point no.1, the minutes of the last Board of Studies meeting held on 19th Dec. 2024 have been confirmed and approved.
Item 2	To review, modify / update scheme & syllabus (along with the Course Outcomes) of B. Tech. - IInd, IIIrd & IVth years Electronics & Instrumentation Engg. (for the backlog students under previous schemes of 2018 & 2022-23)
Resolution	The scheme and syllabus for B. Tech. - IInd, IIIrd & IVth years Electronics & Instrumentation Engg. (for the backlog students under previous schemes of 2018 & 2022-23) was discussed and approved with no modification in the schemes & syllabus. Institute website Links: **OLD SCHEMES 2018 & 2022-23** (https://www.satiengg.in/schemes-ete) **OLD Syllabus 2018 & 2021-22** (https://www.satiengg.in/syllabus-ete)
Item 3	To review, modify / update scheme &syllabus(along with the Course Outcomes), list of experiments for various laboratory courses of I & II semester B. Tech. Electronics &Instrumentation (for the batch admitted in 2024-25 Session)
Resolution	The scheme and syllabus for B. Tech- I & II semester Electronics &Instrumentation (for the batch admitted in 2024-25 Session) was discussed and no modification has been suggested. Institute website Links: **schemes** (https://www.satiengg.in/schemes-ete) **syllabus** (https://www.satiengg.in/schemes-ete)
Item 4	To review, modify / update scheme & syllabus (along with the Course Outcomes), list of experiments for various laboratory courses of III & IV semester B. Tech. Electronics & Instrumentation (for the batch admitted in 2024-25 Session)
Resolution	Scheme & Syllabi (along with the Course Outcomes) of IIIrd to IVth semester B. Tech. Electronics & Instrumentation Programme (for the batch admitted in 2024-25 are discussed and finalized. The proposed schemes & syllabus are presented and approved unanimously by the board members.
Item 5	To discuss and finalize the Open Elective Courses (to be offered to students of other departments) for B.Tech - IV , V, VI semesters
Resolution	The syllabi (along with the Course Outcomes) of OE-605 control system, OE-605 Embedded System and OE-505 Microprocessor & Microcontroller as Open Elective Courses (to be offered to students of other departments batch admitted in 2024-25) for B.Tech - IV , V, VI semesters are discussed and finalized. The proposed schemes & syllabus are presented and approved unanimously by the board members.

Item 6	To review curricula feedback from various stakeholders, its analysis and impact.
Resolution	Curricula feedback from various stakeholders are presented and discussed.
Item 7	Result Analysis
Resolution	VII semester result analysis & its comparison with previous year has been presented and discussed.

Conclusion:	As per the BOS Meeting agenda, all the above mentioned points have been presented and discussed for the Scheme & Syllabus of B.Tech (Electronics & Instrumentation Engineering) course.
	As per the above comments and suggestions from BoS members, the existing syllabus and proposed scheme and Syllabus have been updated and approved by the BoS Members.
	During concluding discussions:
	Dr. Vandana Thakre suggested to include simulations in the syllabus of control Engineering (open elective course OE-605).
	Mr. Prakash Verma suggested to incorporate some specific RTOS such as Zephyr and also stressed the importance of cyber security in embedded systems.
	Dr. Aditya Trivedi suggested to include the topics on cutting edge technologies of Quantum Computing in context to communication engineering.
	Dr Meena Panchore suggested to include FPGA & VLSI design.
	The meeting concluded with Vote of Thanks from Dr. Ashutosh Datar, Head (Dept. of Electronics Engg.) & Chairman, to all the external subject experts and faculty members who have attended the meeting.

Dr. Vandana Vikash Thakre,
Associate Professor,
Department of ECE,
MITS Gwalior

Dr. Aditya Trivedi
Professor,
IIITM, Gwalior

Mr. Prakash Verma
Key Account Manager,
Robert Bosch, Bangalore

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