

Agenda of the BoS Meeting

(Approved by Academic Development Cell of the institute - BoS Meeting Scheduled during 23-28, May 2022)

Instructions for preparing BoS Proceedings

{All information is to be uploaded on the webpage under suitable heading (such as Board of Studies) and separate links to be provided for each category mentioned below}

Minutes should have a summary/cover page mentioning all the significant changes made in the following given format

Courses where revision was carried out*							
(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
Network Theory	200313	-	2022	5%	15	43	1
Analog Communication	200314	-	2022	5%	15	44	2

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

1.

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

Feedback on curriculum received from stakeholders: Analysis & ATR*

Stakeholder	Student	Faculty	Alumni	Employer
No. of responses	II: 245 III: 191 IV: 78	10	31	24
Link of Analysis	-	shorturl.at/drGTW	shorturl.at/qxGR9	shorturl.at/ruCEY
ATR Link	-	shorturl.at/drGTW	shorturl.at/qxGR9	shorturl.at/ruCEY
Link showing Excel sheet of Google Form details of stakeholders	Through Moodle	Through Moodle	shorturl.at/nvxFI	shorturl.at/IDNTX

* Separate page(s) for each of the above four points; Agenda point wise minutes to be appended with each point and a separate link to be given in the appropriate column for each point

2. **The course committees constituted vide Dean Academics Notice no 1297 dated 15/4/2021 need to be reconstituted this year to accommodate the newly joined faculty members.**

3. The BoS minutes along with the cover/summary page (under point number 1, above) must be uploaded on the departmental web page and link for the same must be shared with the office of the Dean Academics.

4. Stakeholder feedback analysis must also contain an action taken report (ATR).
The details/data of the stakeholder responded through GOOGLE form (such as Name, organization, mail id, phone no if available) must also be shared along with the feedback for the alumni/employer.

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5.	The following must be uploaded on the departmental web page and <u>link for the same must be shared with the office of the Dean Academics.</u> (i) The Stakeholder feedback collected & analyzed to find the index out of five (ii) Action taken report (iii) Google form showing responses from alumni, employer, student, faculty etc.
6.	Minutes should have a footer with department name, page number, month of meeting.
7.	Each page should be signed by all faculty, scanned and then submitted to the Dean Academics office.

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BoS Agenda Items

Item 1	To confirm the minutes of previous BoS meeting held in the month of December 2021 <i>The minutes of previous BOS held in Dec 2021 has been discussed and finalized.</i>							
Item 2	To prepare and finalize the scheme structure of B.Tech.VII Semester with the provision of <i>Two Departmental Electives (DEs) and Two Open Category (OC) Course (in which one Departmental Elective is to be offered in online mode with credit transfer)</i> for the batch admitted in 2019-20. <i>Scheme and Structure of B.Tech VII Semester with provision of Two Departmental Electives and Two Open Category courses has been discussed and finalized.</i>							
Item 3	To prepare and finalize the syllabus of courses to be offered (<i>for batch admitted in 2019-20</i>) under Departmental Elective (DE) Course (in traditional mode) for B.Tech. VII Semester along with their COs <i>Following Subjects has been finalized as Departmental Electives to be offered through traditional teaching mode.</i>							
	S.No	Category	Subject Code	Subject Name				
	1	DE-III	200711	Satellite & Radar Communication				
	2	DE-III	200712	VLSI Design				
	3	DE-III	200713	Microwave Engineering				
Item 4	To propose the list of courses which the students can opt from SWAYAM/NPTEL/MOOC based Platforms, to be offered in online mode under Departmental Elective (DE) Course , with credit transfer in the B.Tech. VII Semester under the flexible curriculum (<i>Batch admitted in 2019-20</i>) <i>The list of courses which the students can opt from SWAYAM/NPTEL/MOOC based Platforms, to be offered in online mode under Departmental Elective (DE) Course, with credit transfer in the B.Tech. VII Semester under the flexible curriculum has been discussed and finalized.</i>							
	S.No	Category Code	Course Code	Name of The course	Duration of the Course in weeks	Course Registration		Name of the Mentor Faculty
						Start Date	End Date	
	Electronics/Electronics & Telecommunication Engineering							
	1	DE-4	200751	Digital Image Processing	12	20-05-2022	01-08-2022	Prof. Pooja Sahoo
	2		200752	Introduction to Wireless Cellular Communication	12	20-05-2022	01-08-2022	Prof. Madhav Singh
Item 5	To prepare and finalize the syllabus of courses to be offered (<i>for batch admitted in 2019-20</i>) under the Open Category (OC) Courses (in traditional mode) for B.Tech. VII semester students of other departments along with their COs The syllabus of courses to be offered (<i>for batch admitted in 2019-20</i>) under the Open Category (OC) Courses (in traditional mode) for B.Tech. VII semester students of other departments along with their COs has been discussed and finalized.							
	S.No	Category	Subject Code	Subject Name				
	1	OC-2	900206	Satellite Systems				
	2	OC-2	900207	Consumer Electronics				
	3	OC-3	900218	MEMS & Mechatronics				
	4	OC-3	900219	Multimedia Communication				

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Item 6	To prepare and finalize the Experiment list/ Lab manual for Departmental Laboratory Course (DLC) to be offered in B.Tech. VII semester (<i>for batches admitted in 2019-20</i>) <i>The Experiment list/ Lab manual for Departmental Laboratory Course (DLC) to be offered in B.Tech. VII semester has been finalized and approved by BOS members</i>			
	S.No	Category	Subject Code	Subject Name
	1	DLC	200705	VLSI Design
	2	DLC	200707	Creative Problem Solving
Item 7	To propose the list of “Additional Courses” which can be opted for getting an (i) Honours (for students of the host department) (ii) Minor Specialization (for students of other departments) <i>[These will be offered through SWAYAM/NPTEL/MOOC based Platforms for the B.Tech. VII semester students (for the batch admitted in 2019-20)] and for B.Tech. V semester (for the batch admitted in 2020-21)]</i>			
	Semester	Hons/Minor	Domain	Subject Name
	V	Hons	Communication and Signal Processing	Principles and Techniques of Modern Radar Systems
			VLSI Design	Hardware modeling using verilog
		Minor	Control & Sensor Technology	Control System
			Communication and Signal Processing	Introduction to Wireless and Cellular Communications
	VII	Hons		Data Science for Engineer
				Design of Photovoltaic Systems
		Minors		Microwave Engineering
				Control Engineering
Item 8	To prepare and recommend the scheme structure of B.Tech. V Semester under the flexible curriculum (Batch admitted in 2020-21) <i>[This will also include all the emerging area programmes]</i> <i>The scheme structure of B.Tech. V Semester under the flexible curriculum (Batch admitted in 2020-21) has been discussed and finalized.</i>			
	To prepare and recommend the syllabi for all Departmental Core (DC) Courses of B.Tech. V Semester (<i>for batch admitted in 2020-21</i>) under the flexible curriculum along with their COs. <i>[This will also include all the emerging area programmes]</i> <i>The syllabi for all Departmental Core (DC) Courses of B.Tech. V Semester (for batch admitted in 2020-21) under the flexible curriculum along with their COs has been discussed and finalized.</i>			
Item 9	S.No	Category	Subject Code	Subject Name
	1	DC	200511	Microprocessor and Interfacing
	2		200512	Linear Control Theory
	3		200513	Digital Communication
	4		200514	Data Science
Item 10	To prepare and recommend the Experiment list/ Lab manual for all the Laboratory Courses to be offered in B.Tech.V semester (<i>for batch admitted in 2020-21</i>) <i>[This will also include all the emerging area programmes]</i> <i>The Experiment list/ Lab manual for all the Laboratory Courses to be offered in B.Tech.V semester (for batch admitted in 2020-21) has been discussed and finalized.</i>			
	S.No	Category	Subject Code	Subject Name
	1	DC	200511	Microprocessor and Interfacing
	2		200513	Digital Communication
	3	DLC	200515	Minor Project-I
Item 11	To prepare and recommend the suggestive list of projects which can be assigned under the ‘Skill based mini-project’ category in various laboratory component based courses to be offered in B.Tech. V Semester (<i>for the batch admitted in 2020-21</i>). <i>[This will also include all the emerging area programmes]</i> <i>The suggestive list of projects which can be assigned under the ‘Skill based mini-project’ category in various laboratory component based courses to be offered in B.Tech. V Semester (for the batch admitted in 2020-21) has been discussed and finalized.</i>			

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		S.No	Category	Subject Code	Subject Name	
		1	DC	200511	Microprocessor and Interfacing	
		2	DC	200513	Digital Communication	
Item 12	To propose the list of courses from SWAYAM/NPTEL/MOOC Platforms to be offered (<i>for batch admitted in 2020-21</i>) in online mode under Self-Learning/ Presentation , in the B.Tech. VSemester <i>[This will also include all the emerging area programmes]</i> The list of courses from SWAYAM/NPTEL/MOOC Platforms to be offered (<i>for batch admitted in 2020-21</i>) in online mode under Self-Learning/ Presentation , in the B.Tech. V Semester has been fianlized with the concern of the BOS members.					
		S.No	Semester	Subject Category	Subject Name	Duration (weeks)
		1	V	Self Learning	Demystifying Networks	04
		2			Basics of Software defined Radios and Practical applications	04
		3			Foundation of Cognitive robotics	04
Item 13	To prepare and recommend the Scheme & Syllabi (along with the Course Outcomes) of B.Tech. III semester of the newly started B. Tech. programmes in the emerging areas (AI & ML, AI & DS, CSD) (started from 2021-22 Session) (<i>Applicable for the concerned departments</i>) NOT APPLICABLE					
Item 14	To prepare and recommend the list of experiments and skill based mini projects of B.Tech.III semester of the newly started B. Tech. programmes in the emerging areas (AI & ML, AI & DS, CSD) (started from 2021-22 Session) (<i>Applicable for the concerned departments</i>) NOT APPLICABLE					
Item 15	To review, prepare, finalize and recommend the Scheme & Syllabi (along with the Course Outcomes) of III semester B. Tech. programmes (batch admitted 2021-22 Session) {(all traditional and emerging area programmes (IT-IoT, AIR, EE-IoT, MAC))} Scheme & Syllabi (along with the Course Outcomes) of III semester B. Tech. programmes (batch admitted 2021-22 Session) has been discussed and finalized.					
		S.No	Category	Subject Code	Subject Name	
		1	DC	200311	Electronic Circuit Design	
		2		200312	Digital Circuits and Systems	
		3		200313	Network Theory	
		4		200314	Analog Communication	
Item 16	To review, prepare, finalize and recommend the list of experiments/ Lab manual and skill based mini projects for various laboratory courses to be offered in III Semester (<i>for the batch admitted in 2021-22</i>).{(all traditional and emerging area programmes (IT-IoT, AIR, EE-IoT, MAC))} The list of experiments/ Lab manual and skill based mini projects for various laboratory courses to be offered in III Semester has been discussed and finalized.					
		S.No	Category	Subject Code	Subject Name	
		1	DC	200311	Electronic Circuit Design	
		2		200312	Digital Circuits and Systems	
		3		200315	Software Lab	
Item 17	To propose the list of courses from SWAYAM/NPTEL/MOOC Platforms to be offered (<i>for batches admitted in 2021-22</i>) in online mode under Self-Learning/ Presentation , in the III Semester {(all traditional and emerging area programmes (IT-IoT, AIR, EE-IoT, MAC, AI&DS, AI& ML, CSD))} The list of courses from SWAYAM/NPTEL/MOOC Platforms to be offered (<i>for batches admitted in 2021-22</i>) in online mode under Self-Learning/ Presentation , in the III Semester has been discussed and finalized.					
		S.No	Semester	Subject Category	Subject Name	Duration (weeks)
		1	III	Self Learning	C Programming and assembly language	04
		2			Fundamentals of Electronics Device Fabrication	04
		3			Python for Data Science	04

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Item 18	To review the <i>Scheme & Syllabi, list of experiments and skill based mini projects of First semester of the B. Tech. programmes (for the batch 2022-23).</i> (all traditional and emerging area programmes) <i>The Syllabi, list of experiments and skill based mini projects of First semester of the B. Tech. programmes (for the batch 2022-23) has been finalized.</i>			
	S.No	Category	Subject Code	Subject Name
	1	DLC	200111	Electronic Workshop
Item 19	To review the CO attainments, to identify gaps and to suggest corrective measures for the improvement in the CO attainment levels for (i) I year November 2021 – February 2022 Semester (ii) July-December 2021 Session for II to IV year students <i>The review of the CO attainments, gaps and corrective measures for the improvement in the CO attainment levels for (i) I year November 2021 – February 2022 Semester (ii) July-December 2021 Session for II to IV year students has been finalized as per the discussion with BOS members</i>			
Item 20	To review PO attainment of 2017-2021 batch, CO-PO mapping matrix with attainments and gap analysis <i>The PO attainment of 2017-2021 batch, CO-PO mapping matrix with attainments and gap analysis has been discussed and finalized.</i>			
Item 21	To review curricula feedback from various stakeholders, its analysis and impact {Stakeholder feedback analysis must also contain an Action Taken Report (ATR) and the details/data of the stakeholders who have responded through GOOGLE form (such as Name, organization, mail id, phone no., if available) must also be shared along with the feedback of the alumni/employer} <i>Curricula feedback from various stakeholders includes students, faculty, employer and alumni has been discussed and action taken report has been finalized.</i>			
Item 22	To review the Course Outcomes (COs) feedback of various courses, its analysis, and ATR <i>The Course Outcomes (COs) feedback of various courses, its analysis, and ATR has been discussed and approved by BOS members.</i>			
Item 23	Any other matter (Expert List) <i>Expert list for viva-voce examination has been discussed and finalized.</i>			

The following suggestions were provided by the external BOS members:

1. Skill based mini project should be mapped with bloom's taxonomy.
2. The list of experiment of Electronic Workshop needs to be modify so that it follows bloom's taxonomy.