

Meeting no : 11

Date : 16/08/2022

BOS chairman has conveyed the 5th BOS meeting with all the members in the Board Room at 10:00 AM on 16/08/2022 to discuss about the SITE 18M modified Course structure and syllabus for III & IV B.Tech and SITE-21 Regulation modified Course structure, modified syllabus of II B.Tech, syllabus of Honor & Minor & Skill oriented Courses of Electrical & Electronics Engineering.

Agenda of the meeting

BOS/EEE 5.1 : Welcome address & opening Remarks by chairman, Board of Studies in the department of Electrical & Electronics Engineering.

BOS/EEE 5.2 : Confirmation of Minutes of the 4th meeting of Board of Studies in the department of Electrical & Electronics Engineering held on October 4th 2021 & Action taken report of 4th meeting of Board of studies (Annexure - I).

BOS/EEE 5.3 :- Business brought forward by the chairman, Board of studies.

BOS/EEE 5.3.1 :- To consider the revision in the Course structure of SITE-21 & structure of EEE Honor program (Annexure - II).

BOS/EEE 5.3.2 :- To consider the revision in the Course structure of SITE-21 &

Structure of EEE Minor program (Annexure-III)
Bos / EEE 5.3.3 : To consider the revision in the syllabus of SITE-21 EEE Honor & Minor program (Annexure-IV).

Bos / EEE 5.3.4 : To review & approve the modified course syllabus of II B.Tech (EEE) SITE-21 Regulation UG programme in EEE (Ref: AQAR: 1.1.2) (Annexure-V)

Bos / EEE 5.3.5 : To review and approve the modified course structure & syllabus of III & IV B.Tech (EEE) SITE-18M Regulation UG programme (Ref: AQAR: 1.1.2) (Annexure-VI)

Bos / EEE 5.3.6 : Employability / Entrepreneurship skill development subject should be included in the course curriculum, (Ref: AQAR: 1.1.3).

Bos / EEE 5.3.7 : Institute ensure that the curriculum bears some thrust on National Development.

Bos / EEE 5.4 : Suggestions given by the Bos Members.

Bos / EEE 5.5 :- Any other items.

Minutes of Meeting

Agenda - Bos / EEE 5.1 : Welcome address & opening Remarks by chairman, Board of

II) studies in the department of Electrical & Electronics Engineering.

Resolution:- Bos chairman, Head of the Department EEE, Dr. Aragaddi prasad welcomed all the Bos members to the meeting.

EE E)

Agenda 2 - Bos/EEE 5.2 : Confirmation of the Minutes of the 4th meeting of Board of Studies in the department of Electrical & Electronics Engineering held on October 4th 2021 & action taken report of 4th meeting of Board of Studies (Annexure-2)

Discussion : Dr. Aragaddi prasad mentioned the details of earlier Bos meeting.

Resolution : All the Bos members reviewed the minutes of meeting of EEE department held on 04-10-2021.

Agenda 3 - Bos/EEE 5.3 : Business brought forward by the chairman, Board of Studies.

Bos/EEE 5.3.1 : To consider the revision in the course structure of SITE-21 & structure of EEE Honor program (Annexure-II)

Discussion : (a) Dr. Aragaddi prasad explained the proposed structure of EEE Honor program to all the Bos members.

(b) Dr. Sri Kumar proposed modifying the title of the course LICA in Honor category of IV semester.

Resolution : (a) Modified the course name

LICA to Linear IC Applications in Honor Category of IV Semester.

Bos / EEE 5.3.2 : To consider the revision in the course structure of SITE-21 & Structure of EEE Minor program (Annexure - III)

Discussion : (a) Dr. Aragaddi Prasad explained the structure of EEE Minor program to all the Bos members.
(b) Dr. Sri Kumar suggested modifying the titles of minor courses by adding the word fundamentals or Concepts.

Resolution : Modified the course names under minor courses with the suggested words.

Bos / EEE 5.3.3 : To consider the revision in the syllabus of SITE-21 EEE Hon & Minor program (Annexure - IV).

Discussion : (a) Dr. Sri Kumar proposed removing the independent sources, Super node & Super mesh topics in electrical circuit theory in minor category in IV Semester.
(b) Dr. K. Bhanu Prasad, Director, SITE suggested modifying the title of first unit in Analog Electronics of III Semester.
(c) Dr. Sri Kumar proposed removing the potentiometers topic in the course Electrical Measurements & Instrumentation

in III Semester.

(d) Mr. T.N.V.s. Manyam suggested including the topic Methodologies in the Course Renewable Energy Sources of Honor Category in III Semester.

Resolution : (a) Removed the topics independent sources, Super node & Super mesh in Electrical Circuit Theory in minor category of IV Semester.

(b) Modified the title of first unit from overview of Semiconductor physics to Semi-conductor switches in Analog Electronics in III Semester.

(c) Removed the topic potentiometers in the course Electrical Measurements & Instrumentation in III Semester.

(d) Included the topic Evacuation systems strategies for solar & wind power generation in the course Renewable Energy Sources of Honor Category in III Semester.

BOS/EEE/5.3.4 : To review & approve the modified course syllabus of II B.Tech (BEE) SITE-21 Regulation UG Programme in EEE (Ref: AQAR: 1.1.2) (Annexure-V)

Discussion : Dr. Aragaddi Prasad explained the course syllabus of II B.Tech (BEE) SITE-21 Regulation UG Programme in EEE.

Resolution : All the BOS members approved

the course syllabus of II B.Tech (EEE) SITE-21 Regulation UG programme in EEE.

BOS / EEE 5.3.5 : To review & approve the modified course structure and syllabus of III & IV B.Tech (EEE) SITE - 18M Regulation UG programme (Ref : AQAR : 1.1.2) (Annexure-VI)

Discussion : (a) Dr. Sri Kumar proposed removing the topic potentiometers in the course Electrical Measurements & Instrumentation in V semester.

(b) Dr. N. Jayaram suggested modifying the title of the course Microprocessors in V semester & Lab course Microprocessors Lab in VI semester.

(c) Dr. Sri Kumar suggested including Experiments on Microcontroller interfacing in Microprocessors Lab of VI semester.

(d) Dr. V. Sandeep suggested modifying the courses Electric Drives in program Elective - 2 and Advanced Electric Drives in program Elective - 4 to DC Drives & AC Drives in VII semester.

(e) Dr. Sri Kumar suggested adding the applications specific to the various topic in unit - 5 of course Intelligent Control & Its Applications in program Elective - 4 in VI semester.

- (F) Dr. N. Jayaram suggested changing the titles of unit-3 & 4 in the course flexible AC Transmission System in program Elective-5 in VII Semester.
- (G) Dr. Sri Kumar suggested removing the Compensation in power Quality in the course power Quality in program Elective-5 in VII Semester.
- (H) Dr. N. Jayaram suggested replacing the word Advanced in the courses Advanced Control systems & advanced Electric drives.
- (I) Dr. N. Jayaram suggested modifying the titles Electrical Machines-I & II, power systems-I & II & power systems I & II labs.
- (J) Mr. T. N. V. S. Manyam suggested including the topic Differential protection of transmission lines in power system protection course in VII Semester.
- (K) Dr. V. Sandeep suggested including reference books that are more relevant to the content in the syllabus.
- (L) Dr. K. Bhanu Prasad, Director, SITE suggested modifying the title of POPE & Aptitude Builder-I (SOC-I) and Business Communication & Aptitude Builder-2 (SOC-2) in IV & VI Semesters.

Resolution : (a) Removed the topic potentiometers in the Course Electrical Measurements & Instrumentation in III B.Tech I Sem.

- (b) Modified the title of the Course Microprocessors to Microprocessors & Micro Controllers of V Semester & Lab Course to Microprocessors & Micro Controllers Lab in VI Semester.
- (c) Included 4 Experiments related to Micro Controller interfacing in Microprocessors & Micro Controllers Lab in VI Semester.
- (d) Modified the syllabus of Electric Drives & Advanced Electric Drives accordingly & modified the titles to DC Drives in program Elective-2 and AC Drives in program Elective-4 in VII Semester.
- (e) specific applications related to the topics in unit-5 are added in the Course Intelligent Control & its Applications in program Elective-4 in VII Semester.
- (f) Modified the titles of units 3 & 4 to shunt Compensators & static Synchronous Compensators in the Course Flexible AC Transmission Systems in program Elective-5 in VII Semester.

- (g) Removed the topic Compensation in power quality in the course power quality in program Elective-5 in VI Semester.
- (h) Modified the course title Advanced Control systems to Modern Control theory & Advanced Electric Drives to AC Drives.
- (i) Modified the course titles Electrical Machines-I to D.C. Machines & Transformers. Electrical Machines-II to Induction & synchronous Machines, power systems-I to power generation, Transmission & Distribution, power systems - II to power system operation & control, power systems I Lab to power systems lab & power systems-II Lab to power system Analysis lab.
- (j) Included the topic Differential protection of transmission lines in power systems protection course in VII Semester.
- (k) Verified & included the text books & reference books that are more relevant to the syllabus content.
- (l) Modified the title of soc-I to Soft skills & Aptitude Builder-I & soc-2 to Soft skills & Aptitude Builder-2.

BOS/EEE 5.3.6 :- Employability / Entrepreneurship / Skill development subject should be included in the Course Curriculum (Ref : AQAR : 1.1.3)

Discussion : Dr. Avagaddi prasad Explained the Courses under the category Employability / Entrepreneurship / Skill development to the BOS members.

Resolution : All the BOS members expressed their willingness for the proposed Courses under Employability / Entrepreneurship / skill development category.

BOS/EEE 5.3.7 : Institute ensure that the Curriculum bears some thrust on National Development.

Discussion : Dr. Avagaddi prasad Explained the Courses related to National Development.

Resolution : All the BOS members expressed their willingness for the proposed Courses under National Development category.

Agenda 4 : BOS/EEE 5.4 :- Suggestions given by the BOS Members

Discussion : The members recommended the following :

- ① The total Cumulative Credits of 160.
- ② uniformity in the no. of text books & reference Books emphasized.
- ③ Members asked to ensure that there should not be any overlapping of courses/ content.
- ④ Eighth Semester must be free of core/ elective subjects so that all interested students can attend internship.
- ⑤ students should be encouraged to focus on self-learning & problem solving.
- ⑥ they should be encouraged to ask questions in the class.
- ⑦ Assignments should be designed properly so as to benefit the students. Give unsolved problems in the assignments.
- ⑧ The basic subject syllabi should be carefully reviewed to be consistent with GATE syllabi & Semester Exams should reflect the important concepts emphasized in GATE.

- Resolution :
- ① The Curriculum is prepared for the total credits of 160.
 - ② Care has been taken while adding the text books & reference books that appropriately reflect the courses content.
 - ③ Care has been taken to avoid overlapping content in any two courses.

- ④ The Eighth Semester is made free of Core/Elective Courses to ensure the participation of students in the project is more focused.
- ⑤ It is considered to implement teaching methodologies & design assignments that significantly enhance students self-learning & problem-solving skills.
- ⑥ The entire Curriculum is prepared or par with GATE syllabi to improve the students ability & problem-solving skills.

Agenda 5: BOS/EEE 5.5 :- Any other items.

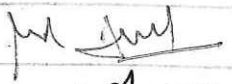
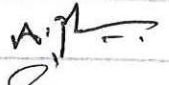



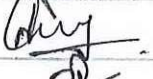

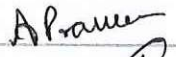
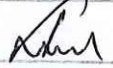

Discussion :- (a) Bos members suggested that titles of the courses in regular category to not match with the titles of courses in program electives.

(b) Bos members suggested the syllabus of the courses in open electives and Minor category to be similar & superficial.

Resolution :- (a) All the titles of the courses in regular & program elective category are made unique.

(b) The syllabus of all the courses in open electives & Minor

Category are modified to be
Superficial & Similar.

<u>S.No</u>	<u>Name of BOS Member</u>	<u>Signature</u>
1.	Prof. Mohammed Ismail	
2.	Dr. Avagaddi Prasad	
3.	Mr. K.N.V Siva	
4.	Dr. Srinivas Bhaskar Karanki	
5.	Dr. V. Sandeep.	
6.	Dr. K. Sri Kumar	
7.	Mr. N.V.S Manyam Telukuntla	
8.	Dr. N. Jayaram.	
9.	Dr. E. Aswani Kumar	
10.	Dr. P. Hema Chandu.	
11.	Dr. Damodhar Reddy	
12.	Dr. R. pavan Kumar Naidu	
13.	Dr. A. praveena	
14.	Mrs. B. kusuma	
15.	Mr. M Narendra Krishna	
16.	Dr. K. Bhanu Prasad	
17.	Dr. J. V. Rama Krishna	