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Private University Estd. in Karnataka State by Act No. 41 of 2013

Ref. No. PU/SOE/ECE/BOS-12/2021-22/NOTICE-01

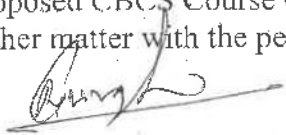
Date: 6th August, 2021

12TH BoS MEETING NOTICE

The 12th Meeting of the Board of Studies (BoS) in Electronics and Communication Engineering, School of Engineering, Presidency University, Bengaluru is convened on Tuesday, 10th August, 2021 at 10:00 AM. The meeting will be hosted online on Microsoft Teams platform from the Presidency University Campus, Bengaluru and the meeting link will be shared through e-mail. Kindly make it convenient to attend the meeting.

Agenda:

- SOE-ECE 12.1: Approval of the minutes of the 11th Board of Studies meeting held on 4th September, 2020.
SOE-ECE 12.2: Discussion on the Program Regulations & Curriculum [PRC] for the 2020 admitted students.
SOE-ECE 12.3: Discussion on the Program Regulations & Curriculum [PRC] for the 2019 admitted students.
SOE-ECE 12.4: Discussion on the Program Regulations & Curriculum [PRC] for the 2018 admitted students.
SOE-ECE 12.5: Discussion on the Feedback obtained on Curriculum from industry, students, alumni, and faculty members.
SOE-ECE 12.6: Discussion on the Proposed CBCS Course grid and the Course catalogues for the 2021 admitted students.
SOE-ECE 12.7: Discussion on the Feedback obtained from industry, students, alumni, and faculty members on the Proposed CBCS Course Grid for 2021-2025 Batch.
SOE-ECE 12.8: Any other matter with the permission of the Chair.


Member Secretary
BoS-ECE Committee


Chairman
BoS-ECE Committee

Copy to:

- Hon'ble Chancellor, PU
- Hon'ble Vice Chancellor, PU
- Hon'ble Pro Vice Chancellor, PU
- Dean – Academics, PU
- Office of the Dean – SOE, PU
- Office of the Registrar, PU
- Members / Special Invitees of the BoS-ECE Committee:

1.	Dr. Abdul Sharief, Dean- SoE & Chairman	6.	Dr. Siva Rama Krishna Vanjari, External Member (Academic)
2.	Dr. Rajiv Ranjan Singh, HoD & Member Secretary	7.	Dr. Guru Prasad A. S., External Member (Industry)
3.	Dr. Shilpa Mehta, Member	8.	Dr. Safinaz S., Internal Member (Special Invitee)
4.	Dr. Sreenivasappa B. V., Member	9.	Mr. Sunil Kumar Dasari, Internal Member (Special Invitee)
5.	Dr. E. R. Rajkumar, External Member (Academic)		

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SCHOOL OF ENGINEERING

Department of Electronics and Communication Engineering

Ref: PU-SOE-ECE/2021-2022/BOS-12/CIR01

Date: 10-08-2021

12th BOS MEETING NOTICE

The 12th Meeting of the Board of Studies of the Presidency University School of Engineering, Electronics and Communication Engineering is convened on Tuesday, 10th August, 2021, at 10 A.M. online hosted from Presidency University Campus Itgalpura, Rajanakunte, Yelahanka, Bengaluru.

The meeting will be hosted online on Microsoft Teams platform from the Presidency University Campus, Bengaluru and the meeting link is below (kindly click on the link to join the meeting).

[https://teams.microsoft.com/l/meetup-](https://teams.microsoft.com/l/meetup-join/19%3a7051c143b64344ed8e06f02398baae6a%40thread.tacv2/1628240702116?context=%7b%22Tid%22%3a%22bf93bb5e-ecf0-4e3d-be0e-79b5cc527a48%22%2c%22Oid%22%3a%2264d67f8a-85f8-46d1-9ed4-24adb309336d%22%7d)

[join/19%3a7051c143b64344ed8e06f02398baae6a%40thread.tacv2/1628240702116?context=%7b%22Tid%22%3a%22bf93bb5e-ecf0-4e3d-be0e-79b5cc527a48%22%2c%22Oid%22%3a%2264d67f8a-85f8-46d1-9ed4-24adb309336d%22%7d](https://teams.microsoft.com/l/meetup-join/19%3a7051c143b64344ed8e06f02398baae6a%40thread.tacv2/1628240702116?context=%7b%22Tid%22%3a%22bf93bb5e-ecf0-4e3d-be0e-79b5cc527a48%22%2c%22Oid%22%3a%2264d67f8a-85f8-46d1-9ed4-24adb309336d%22%7d)

Agenda

Agenda SOE-ECE 12.1	To approve the MoM and ATR of 11th Board of Studies Meeting held on 4 th September 2020. (<u>Annexure ECE.12.1.</u>)
Agenda SOE-ECE 12.2	Discussion on the Program Regulations & Curriculum [PRC] for the 2020 admitted students. (<u>Annexure ECE.12.2.</u>)
Agenda SOE-ECE 12.3	Discussion on the Program Regulations & Curriculum [PRC] for the 2019 admitted students. (<u>Annexure ECE.12.3.</u>)
Agenda SOE-ECE 12.4	Discussion on the Program Regulations & Curriculum [PRC] for the 2018 admitted students. (<u>Annexure ECE.12.4.</u>)
Agenda SOE-ECE 12.5	Discussion on the Feedback obtained on curriculum from Industry, students, alumni & faculty members. (<u>Annexure ECE.12.5.</u>)
Agenda SOE-ECE 12.6	Discussion on the Proposed CBCS Course grid and the Course catalogues for the 2021 admitted students. <ul style="list-style-type: none">• B. Tech Program (Annexure ECE.12.6.1.)• M. Tech (Embedded System and VLSI) Program) (Annexure ECE.12.6.2.)

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Agenda SOE-ECE 12.7	Discussion on the feedback obtained from the Industry, students, faculty members and alumni on the CBCS Course Grid for 2021-2025 Batch. (<u>Annexure ECE.12.7.</u>)
Agenda SOE-ECE 12.8	<p>Any Other Matter with the permission of the chair.</p> <ol style="list-style-type: none">i. To ratify the proposal of offering of soft skills course of 3 credits and Coding Training of 2 credits for the 2018 admitted students in lieu of the 5 credits course of Professional Practice I. (<u>Annexure ECE.12.8.1.</u>)ii. To ratify the proposal of allowing the students to register for the "SMART MANAGERS" Certificate programs through different courses offered by AUI- CII for the 2019 admitted students in lieu of the 5 credits course of Professional Practice I. (<u>Annexure ECE.12.8.2.</u>)iii. To ratify the course contents of 2019-2020 and 2020-2021 academic year courses of various programs and semesters as approved by the BOS chairpersons based on the approval of the respective Departmental Academic Committees[DAC].iv. Approval of the newly added list of MOOC Courses – edX / NPTEL / SWAYAM that are offered as Discipline and Open Elective Courses across all Programs of the School of Engineering. (<u>Annexure ECE.12.8.4.1.</u>) & (<u>Annexure ECE.12.8.4.2.</u>)v. Approval of the newly added list Value Added Courses. (<u>Annexure ECE.12.8.5.</u>)vi. Approval of updated list of External Examiners for various courses in all the programs of the Department. (<u>Annexure ECE.12.8.6.</u>)

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To,

Members & Invitees

Sl. No.	Name	Affiliation	Position
1.	Dr. Abdul Sharief	Dean, School of Engineering	Chairperson
2.	Dr. Rajiv Ranjan Singh	Professor and HOD - ECE	Member Secretary
3.	Dr. Shilpa Mehta	Professor - ECE	Internal Member
4.	Dr. Sreenivasappa B V	Associate Professor - ECE	Internal Member
5.	Dr. Safinaz S	Assistant Professor - ECE	Internal Member (Special Invitee)
6.	Mt Sunil Kumar Dasari	Assistant Professor - ECE	Internal Member (Special Invitee)
7.	Dr. E. R. Rajkumar	Chief Operating Officer & Principal Data Scientist RBG Labs, IIT Madras	External Member (Academic)
8.	Dr. Siva Rama Krishna Vanjari	Associate Professor Department of Electrical Engineering, IIT Hyderabad	External Member (Academic)
9.	Dr. Guru Prasad A. S.	Head of Products & Solutions, Research and Development, Advanced Technology Solutions Robert Bosch, Bangalore, India	External Member (Industry)

Permanent Invitees

Shri. Nissar Ahmed, Hon'ble Chancellor, Presidency University

Shri. Salman Ahmed, Hon'ble Board Member, PGI

Dr. Subhakar, Vice Chancellor, Presidency University

Dr. Surendra Kumar, Pro Vice Chancellor, Presidency University

Member secretary

Chairperson

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PU-SOE-ECE/2021-2022/BOS-12/CIR01

Date: 10-08-2021

ATTENDANCE SHEET

The 12th Meeting of Board of Studies (BoS) for Electronics and Communication Engineering is held today on 10th August, 2021 at 10.00 AM in Online Mode. The meeting was hosted online on Microsoft Teams platform from the Presidency University Campus, Bengaluru and the meeting link is below.

<https://teams.microsoft.com/l/meetup-join/19%3a7051c143b64344ed8e06f02398baae6a%40thread.tacv2/1628240702116?context=%7b%22Tid%22%3a%22bf93bb5e-ecf0-4e3d-be0e-79b5cc527a48%22%2c%22Oid%22%3a%2264d67f8a-85f8-46d1-9ed4-24adb309336d%22%7d>, hosted from Presidency University Campus Itgalpura, Rajanukante,

Yelahanka, Bengaluru in the presence of following members of the BoS committee.

Sl. No.	Name	Affiliation	Position
1.	Dr. Abdul Sharief	Dean, School of Engineering	Chairperson
2.	Dr. Rajiv Ranjan Singh	Professor and HOD - ECE	Member Secretary
3.	Dr. Shilpa Mehta	Professor - ECE	Internal Member
4.	Dr. Sreenivasappa B V	Associate Professor - ECE	Internal Member
5.	Dr. Safinaz S	Assistant Professor - ECE	Internal Member (Special Invitee)
6.	Mr. Sunil Kumar Dasari	Assistant Professor - ECE	Internal Member (Special Invitee)
7.	Dr. E. R. Rajkumar	Chief Operating Officer & Principal Data Scientist RBG Labs, IIT Madras	External Member (Academic)
8.	Dr. Siva Rama Krishna Vanjari	Associate Professor Department of Electrical Engineering, IIT Hyderabad	External Member (Academic)
9.	Dr. Guru Prasad A. S.	Head of Products & Solutions, Research and Development, Advanced Technology Solutions Robert Bosch, Bangalore, India	External Member (Industry)

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PU-SOE-ECE/2021-2022/BOS-12/CIR01

Date: 10-08-2021

Minutes of the 12th Meeting of Board of Studies (Electronics and Communication Engineering – BOS – ECE)

The 12th Meeting of the Board of Studies of the Electronics and Communication Engineering was held on 10-08-2021 at 10 AM in Online Mode. The meeting was hosted online on Microsoft Teams platform from the Presidency University Campus, Bengaluru and the meeting link is below.

<https://teams.microsoft.com/l/meetup-join/19%3a7051c143b64344ed8e06f02398baae6a%40thread.tacv2/1628240702116?context=%7b%22Tid%22%3a%22bf93bb5e-ecf0-4e3d-be0e-79b5cc527a48%22%2c%22Oid%22%3a%2264d67f8a-85f8-46d1-9ed4-24adb309336d%22%7d>, hosted from Presidency University Campus Itgalpura, Rajanakunte, Yelahanka, Bengaluru.

The following members were present:

Sl. No.	Name	Affiliation	Position
1.	Dr. Abdul Sharief	Dean, School of Engineering	Chairperson
2.	Dr. Rajiv Ranjan Singh	Professor and HOD - ECE	Member Secretary
3.	Dr. Shilpa Mehta	Professor - ECE	Internal Member
4.	Dr. Sreenivasappa B V	Associate Professor - ECE	Internal Member
5.	Dr. Safinaz S	Assistant Professor - ECE	Internal Member (Special Invitee)
6.	Mr. Sunil Kumar Dasari	Assistant Professor - ECE	Internal Member (Special Invitee)
7.	Dr. E. R. Rajkumar	Chief Operating Officer & Principal Data Scientist RBG Labs, IIT Madras	External Member (Academic)
8.	Dr. Siva Rama Krishna Vanjari	Associate Professor Department of Electrical Engineering, IIT Hyderabad	External Member (Academic)
9.	Dr. Guru Prasad A. S.	Head of Products & Solutions, Research and Development, Advanced Technology Solutions Robert Bosch, Bangalore, India	External Member (Industry)

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The Chairperson extended a warm welcome to the members, particularly to the external members, and called the meeting to order. The chairperson has informed that the modifications in the existing Program Regulations and Curriculum will be incorporated for all batches.

Agenda ECE.12.1: To approve the MoM and ATR of 11th Board of Studies Meeting held on 4th September 2020

The minutes and ATR of the 11th meeting of the Board of Studies of Electronics and Communication Engineering held on 4th September was placed before the members and the same was confirmed. The same was noted and taken on record. The changes were approved and implemented in the PRC Document and the decisions were all implemented in the academic year 2020-21.

- 12.1.1 The M.Tech ESV PRC had no proposed changes from the previous batch, the structure was approved as it is.
- 12.1.2 The PRC for 2020-2024 batch of B.Tech was approved and implemented with some changes from pre-existing batches.
 - a. For B.Tech. ECE, all the four PPS Program (PPS 105, 106, 107, 108) are made as zero credit, but are being retained in the structure. This is as per feedback received from stakeholders, who feel that these courses are important, but should not carry credits.
 - b. A one credit course "KAN 101 Kannada Kali" is being added in First Year Physics cycle.
 - c. A three credit Discipline Elective course is being added in the 6th Semester.
- 12.1.3 Some changes were approved for 2019-23 batch PRC
 - a. The 3rd semester course with code ECE253 titled Signals and Systems with MATLAB is *renamed* to Signals and Systems Lab to avoid naming particular resources.
 - b. The 3rd Semester course offered by Mathematics Department with code MAT103 titled Engineering Mathematics – III with a credit structure of 3-1-0-4, is changed to "MAT 107 Transform Techniques, Partial Differential Equations and Probability" with the same credit structure.
 - c. The 4th Semester course offered by Mathematics Department with code MAT104 titled Engineering Mathematics – IV with a credit structure of 3-1-0-4, is changed to "MAT 108 Numerical methods, Probability and Sampling Distribution" with the same credit structure.
- 12.1.4 The list of NPTEL Courses for Credit transfer towards Open and Discipline Electives for the academic year 2020-21 was approved.
- 12.1.5 The List of Examiners for the academic year 2020-21 was approved.
The details are in Annexure ECE.12.1.

Agenda ECE.12.2: Discussion on the Program Regulations & Curriculum [PRC] for the 2020 admitted students.

Resolution:

12.2.1 The M. Tech. ESV PRC of 2020-22 batch was approved without any changes.

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12.2.2 For the BTech ECE 2020-24 Batch, the 3rd sem grid was changed from existing grid to the new grid. Details are in Annexure ECE.12.2.

Agenda ECE.12.3.: Discussion on the Program Regulations & Curriculum [PRC] for the 2019 admitted students.

12.3.1. In view of the continuing COVID situation, there are some changes in the implementation of Professional Practice course in the upcoming 5th semester, the details are discussed in Agenda ECE.12.8.

12.3.2. As per the list of electives offered by NPTEL Online for the upcoming learning term, starting from July 2021, the committee has approved few courses as Open Electives under ECE. Apart from these the student may also select open electives from any of the department across SOE as approved in their BoS Committee meetings. Similarly other branch students can take open electives approved by ECE BOS.

Resolution:

The Program Regulations and Curriculum (Annexure ECE.12.3.) for SOE-ECE 2019 Batch for B. Tech in Electronics and Communication Engineering is approved with the above changes.

Agenda ECE.12.4.: Discussion on the Program Regulations & Curriculum [PRC] for the 2018 admitted students

12.4.1. Due to COVID situation, there are some changes in the implementation of Professional Practice course in the existing Program Regulations and Curriculum (Annexure ECE.12.4.) of 5th semester, the details are discussed in Agenda ECE.12.8.

Resolution:

The committee ratified the same.

12.4.2. As per the list of electives offered by NPTEL Online for the upcoming learning term, starting from July 2021, the committee has approved few courses as Open Electives under ECE. Apart from these the student may also select open electives from any of the department across SOE as approved in their BoS Committee meetings. Similarly other branch students can take open electives approved by ECE BOS.

Resolution:

The Program Regulations and Curriculum (Annexure ECE.12.4.) for SOE-ECE 2018 Batch for B. Tech in Electronics and Communication Engineering is approved with the above changes.

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Agenda ECE.12.5.: Discussion on the Feedback obtained on curriculum from Industry, students, alumni & faculty members for existing batches (2018-22; 2019-23; 2020-24 batches)

The details of the feedback received are in Annexure ECE.12.5.

Resolution: No comments on feedback received, the external members expressed their satisfaction.

Agenda ECE.12.6: Discussion on the Proposed CBCS Course grid and the Course catalogues for the 2021 admitted students

ECE.12.6.1: Presidency University is switching to complete CBCS structure from the Academic Year 2021-22. The Internal members of the BoS have been working on this from the past 18 months under the guidance of the Dean of Academics and our Vice Chancellor sir. The CBCS grid was prepared and shared to learned members from Academia, Industry, Alumni and Faculty members. After numerous iterations, the grid structure is finalized as in Annexure ECE.12.6.1. This CBCS Structure is proposed for the incoming batch of B.Tech. ECE (2021-25 batch).

Resolution ECE.12.6.1.:

The structure of 2021-2025 for B. Tech. with the grid and the course catalogs was approved by the BoS members as in Annexure ECE.12.6.1.

✓ **ECE.12.6.2.:** For M. Tech. ESV 2021-2023 batch, the new CBCS course grid is being proposed which is presented in Annexure ECE.12.6.2.

Resolution ECE.12.6.2.:

The structure of 2021-2023 for M. Tech. with the grid was approved by the BoS members.

ECE.12.6.3.: The member secretary presented the salient features of proposed program structure and CBCS Course grids in the Annexures specified above. The same was duly approved after much deliberations with following discussion points:

- a) Dr. Rajkumar asked about credits that all other universities are following 160, why Presidency University is following 180. Dr. Vanjari also mentioned that in foreign universities 120 credits are being followed.

Resolution: The member secretary informed the esteemed external members that already we have implemented 160 credits for 2021-2025 batch.

- b) Dr. Siva Vanjari suggested to include more 1-credit and 2-credit courses.

Resolution: The member secretary informed the esteemed external members that the internal BoS committee alongwith DAC committee will deliberate on the suitability and discuss with Higher Authorities.

The suggestion has been accepted for consideration in next revision.

- c) Dr. Guru Prasad suggested that we need to up-skill our own department faculty



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members for soft skills and other professional training. This will help faculty members to know the skillset needed by industry and they can train students by keeping in mind requirements of industries in a particular domain.

Resolution: The member secretary informed the esteemed external members that the soft skill and other professional trainings are being organized as part of School Core (and not as a part of Program Core) and the same is being done with uniform pedagogy.

- d) Dr. Guru Prasad suggested to include Open Electives based on new technologies and form a team (university wise) to identify the right and emerging technology areas. Time-to-time they will discuss and come out with a suggestion to include courses based on new technologies / high-end things which industries would prefer (AI, 5G, Chatbots, Industry 4.0, 3D Printing etc.).

Resolution: The member secretary informed the esteemed external members that the proposal will be conveyed to university level decision making bodies.

The suggestion has been accepted for consideration and is forwarded to higher authorities for discussion.

- e) Dr. Siva Vanjari suggested to include a subject on Engineering Drawing (credit may be less, for e.g. 2 credits), so that students will have an idea of how engineering objects are viewed.

Resolution: The member secretary informed the esteemed external members that the Engineering Drawing is an Open Elective from Mechanical Engineering Basket. We shall advise our students to opt for the same.

- f) Dr. Siva Vanjari and Dr. Rajkumar suggested to revisit the prerequisites.

Resolution: The member secretary informed the esteemed external members that we have looked into prerequisites in detail, and subjects will be offered in suitable order. For example Signals and Systems course will be offered in 3rd Semester and Digital Signal Processing course will be offered in 4th Semester.

- g) Dr. Rajkumar wanted to know why in the proposed CBCS for M. Tech. 10 credits are assigned for 3rd semester and 14 credits for 4th semester.

Resolution: The member secretary informed the esteemed external members that this has been done to give proper weightage to M.Tech. Projects / Dissertation / Internship I in order to support experiential learning. He also

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informed that the 3rd semester Project / Dissertation / Internship I may be a minor project or preparatory part of the major Project / Dissertation / Internship II to be done in 4th semester.

- h) Dr. Siva Vanjari enquired whether any Chemistry course is available in 2021 batch CBCS grid in Program Core.

Resolution: The member secretary informed the esteemed external members that multiple chemistry courses are available in the Chemistry Basket as Open Electives. Dr. Vanjari expressed his agreement and confirmed that this is a good decision made by the department.

Agenda ECE.12.7: Discussion on the feedback obtained from the Industry, students, faculty members and alumni on the proposed CBCS Course Grid for 2021-2025 Batch.

The grid prepared for CBCS was shared to learned members from Academia, Industry, Alumni and Faculty members and their feedback was received and analyzed. The Details of the same are in Annexure ECE.12.7. The changes proposed by external experts were duly analysed and debated internally and some of the suggestions were incorporated. Some suggestions could not be incorporated and were deferred to the next meeting / forwarded to Academic Council.

Resolution: No comments on feedback received, the external members expressed their satisfaction.

Agenda ECE.12.8: Any Other Matter with the permission of the chair.

12.8.1 To ratify the proposal of offering of soft skills course of 3 credits and Coding Training of 2 credits for the 2018 admitted students in lieu of the 5 credits course of Professional Practice I.

Due to COVID situation, the Academic Council approved the shifting of Professional Practice -1 course for 2018-2022 batch from 5th semester to 6th semester. Later when they came to 6th semester also the COVID situation had not improved, hence the students could not go to industry for professional practice. The 5 credits of this course were broken up to 3 credits Soft Skills Training and 2 credits coding training. The same is ratified by all members in this 12th BOS Meeting. Details are in Annexure ECE.12.8.1.

Resolution: The decision and its implementation was ratified.

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12.8.2. To ratify the proposal of allowing the students to register for the “SMART MANAGERS’ Certificate programs through different courses offered by AUI- CII for the 2019 admitted students in lieu of the 5 credits course of Professional Practice I.

In view of the continuing COVID situation, the Professional Practice course in the upcoming 5th semester grid may be completed in a different format. It may be (a) done as 2 courses. A 3 credit course of Soft Skills Training and a 2 credit course of Coding Training for placement readiness. (b) To ratify the proposal of allowing the students to register for the “SMART MANAGERS’ Certificate programs through different courses offered by AUI - CII for the 2019 admitted students in lieu of the 5 credits course of Professional Practice. The details are in Annexure ECE12.8.2.

Resolution: The proposal put forth by the Member Secretary was accepted.

12.8.3. To ratify the course contents of 2019-2020 and 2020-2021 academic year courses of various programs and semesters as approved by the BOS chairpersons based on the approval of the respective Departmental Academic Committees [DAC].

The details are in Annexure ECE12.8.3.

Resolution: As per the Academic Regulation 2019 of Presidency University, the Department Academic Committee (DAC) is an authorized body to collate, deliberate and approve all course handouts prepared by respective course teams (led by course ICs). These handouts have details of Course Outcomes, CO-PO mapping, detailed syllabus and lesson planning. This BoS committee has approved all the proceedings of DAC Committee’s’ recommendations over the last 2 academic years.

Agenda ECE.12.8.4: Approval of the newly added list of MOOC Courses – edX / NPTEL / SWAYAM that are offered as Discipline and Open Elective Courses across all Programs of the School of Engineering.

12.8.4.1. To promote flexible learning opportunities for students the university has tied up with edX. Since February 2021, a number of courses have been offered using edX platform. The credit transfer facility has also been proposed for the students who complete the edX courses based on the number of weeks and/or number of hours spent for a particular course. The list of edX courses offered by Department of ECE are in Annexure ECE.12.8.4.1.

The BoS committee has authorized the Chairperson and subcommittee to modify the list of edX courses or any other MOOC courses from time to time.

12.8.4.2. As per the list of electives offered by NPTEL Online for the upcoming learning term, starting from August 2021, the committee has approved few courses as Discipline and Open Electives under ECE. Apart from these the student may also select open electives from any of the department across SOE. Similarly other branch students can take open electives approved by ECE BOS.

This also caters to the recommendations received in feedback from stake holders to incorporate latest programming languages.

The list of Discipline and Open Electives are in Annexure ECE.12.8.4.2.

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Resolution: The above courses have been approved in the 12th BoS meeting held on 10th August 2021. As approved, more number of courses may be added later as per need with the approval from the chairperson.

Agenda ECE.12.8.5: Approval of the newly added list of Value Added Courses.

The list of Value Added Courses are in Annexure ECE.12.8.5.

Dr. Siva Vanjari suggested to rename the Value Added Course "Semiconductor Devices (ECE V 015)" to "Semiconductor Device Physics".

Resolution: The list was approved and the member secretary informed the esteemed external members that the same will be implemented for ECE V 015 and it has been accepted.

Agenda ECE.12.8.6: Approval of updated list of External Examiners for various courses in all the programs of the Department.

12.8.6.1.: The BoS committee authorized the Chairperson and subcommittee to modify the list of external examiners from time to time.

12.8.6.2.: All teaching faculty of ECE Department are default examiners.

12.8.6.3.: The list of approved external examiners is in Annexure ECE.12.8.6.

Resolution: The proposal put forth by the Member Secretary was accepted.

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The Chairperson has requested, approval from the committee to incorporate modifications / alterations, if any, approved by the BOS committee of other departments, for the existing courses offered for our branch students by other departments. It is also informed by the Chairperson, that there is a possibility of some modifications in the syllabus of common courses for B.Tech and M.Tech Batches. All BOS meetings are happening in parallel during July – August 2021. The BOS Committee for Electronics and Communication Engineering has approved the proposal unanimously. The BOS Committee has authorized the BOS Chairperson and subcommittee of Electronics and Communication Engineering, to incorporate minor corrections / edits, if required.

The BOS Chairperson has conveyed that the decisions taken during the 12th Meeting of BOS for Electronics and Communication Engineering will be implemented for all batches as early as possible wherever applicable. The chairperson has conveyed thanks to all the members and informed that the date of next BOS meeting will be notified soon.

The meeting ended with a Vote of Thanks.

BOS Committee:

Sl. No.	Name	Affiliation	Position
1.	Dr. Abdul Sharief	Dean, School of Engineering	Chairperson
2.	Dr. Rajiv Ranjan Singh	Professor and HOD - ECE	Member Secretary
3.	Dr. Shilpa Mehta	Professor - ECE	Internal Member
4.	Dr. Sreenivasappa B V	Associate Professor - ECE	Internal Member
5.	Dr. Safinaz S	Assistant Professor - ECE	Internal Member (Special Invitee)
6.	Mr. Sunil Kumar Dasari	Assistant Professor - ECE	Internal Member (Special Invitee)
7.	Dr. E. R. Rajkumar	Chief Operating Officer & Principal Data Scientist RBG Labs, IIT Madras	External Member (Academic)
8.	Dr. Siva Rama Krishna Vanjari	Associate Professor Department of Electrical Engineering, IIT Hyderabad	External Member (Academic)
9.	Dr. Guru Prasad A. S.	Head of Products & Solutions, Research and Development, Advanced Technology Solutions Robert Bosch, Bangalore, India	External Member (Industry)

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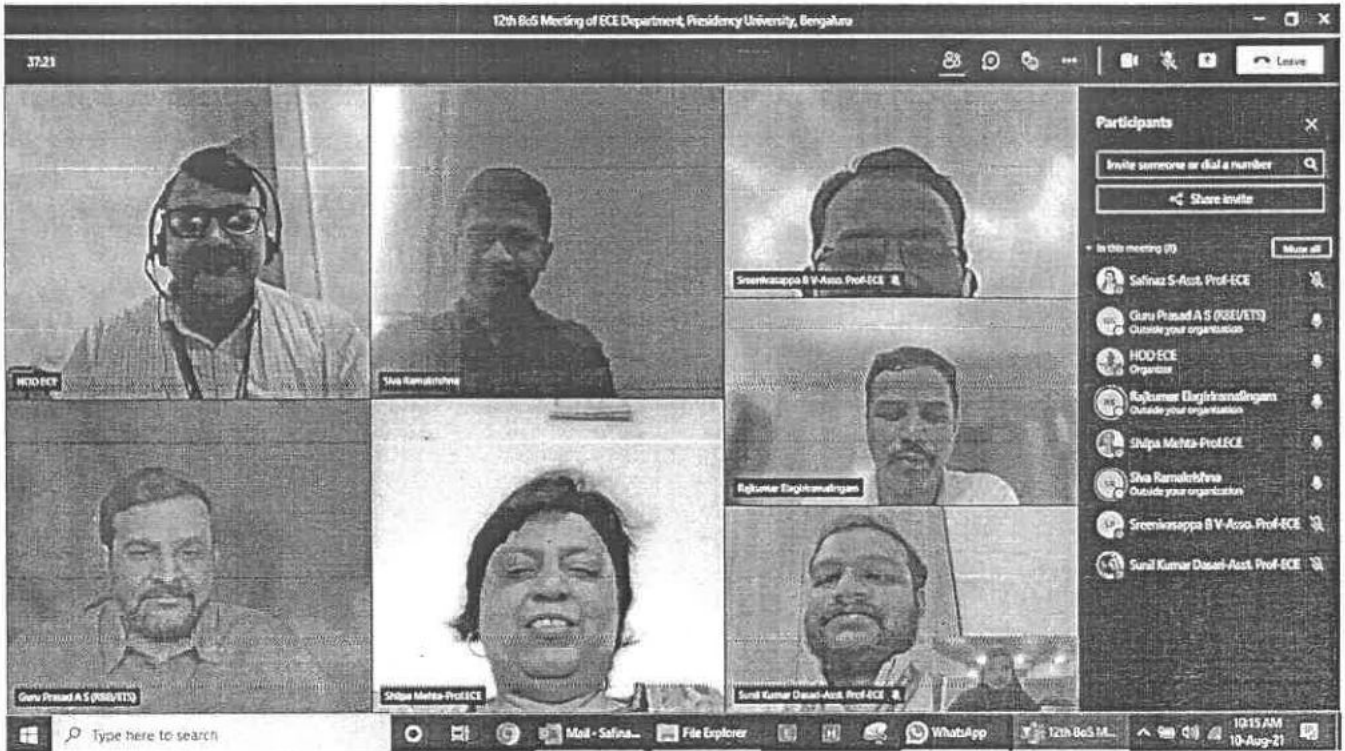
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Note: Since the meeting was online, attendance is been recorded as screenshots which are pasted below.



Top Row (Left-to-Right): Dr. Rajiv Ranjan Singh (HoD, ECE), Dr. Siva Rama Krishna Vanjari (IITH), Dr. Sreenivasappa B V (Associate Prof., ECE)

Second Row (Left-to-Right): Dr. Guru Prasad A S, (Robert Bosch, India), Dr. Shilpa Mehta (Professor, ECE), Mr. Sunil Kumar Dasari (Assistant Professor, ECE) and Dr. Safinaz S (Assistant Professor, ECE)

Annexure ECE 12.6.2



PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
Approved by AICTE, New Delhi

School of Engineering

Department of Electronics and Communication Engineering

Master of Technology Degree

Program Regulations and Curriculum 2021-2023

M. Tech. (Embedded System and VLSI)

2021-2023



**MASTER OF TECHNOLOGY DEGREE PROGRAM IN
EMBEDDED SYSTEM AND VLSI
2021-2023**

TABLE 3.2.1: I SEMESTER

Sl. No.	Course Code	Course Name	L	P	C	Basket
1	MAT6001	Advanced Engineering Mathematics	3	0	3	School Core
2	ENG5001	English for Employability	2	2	3	School Core
3	ECE6001	Embedded System Design	2	2	3	Program Core
4	ECE6002	CMOS VLSI Design	2	2	3	Program Core
5	ECE5005	Advanced Digital System Design	3	0	3	Program Core
6	ECEXXXX	Discipline Elective - I	3	0	3	Discipline Elective
7	XXX XXXX	Open Elective - I	3	0	3	Open Elective
8	SEM5001	Seminar – I	-	-	1	School Core
		TOTAL			22	

TABLE 3.2.2: II SEMESTER

Sl. No.	Course Code	Course Name	L	P	C	Basket
1	ECE5006	Hardware Software Co-Design	3	0	3	Program Core
2	ECE5007	Embedded Real Time Operating System	3	0	3	Program Core
3	ECE XXXX	Discipline Elective - II	3	0	3	Discipline Elective
4	ECE XXXX	Discipline Elective - III	3	0	3	Discipline Elective
5	ECE XXXX	Discipline Elective - IV	3	0	3	Discipline Elective
6	ECE XXXX	Discipline Elective - V	3	0	3	Discipline Elective
7	XXX XXXX	Open Elective - II	3	0	3	Open Elective
8	SEM5002	Seminar – II	-	-	1	School Core
		TOTAL			22	

TABLE 3.2.3: III SEMESTER

Sl. No.	Course Code	Course Name	L	P	C	Basket
1	PIP6001	Dissertation/ Internship - I	-	-	10	School Core
		TOTAL			10	

TABLE 3.2.4: IV SEMESTER

Sl. No.	Course Code	Course Name	L	P	C	Basket
1	PIP6002	Dissertation/ Internship - II	-	-	14	School Core
		TOTAL			14	