



## MINUTES OF BOS 4<sup>th</sup> MEETING

**Date:** 12/03/2022

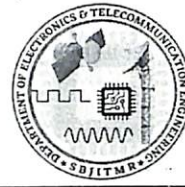
**Time:** 11:00 AM

**Venue:** Conference Room, Administrative Building

The Meeting of Board of Studies of Electronics and Telecommunication Engineering Department was held on 12<sup>th</sup> March, 2022. Dr. Abhay R. Kasetwar, Chairman of Board of Studies presided over the meeting.

### MEMBERS PRESENT:

Sr. No.	Name of Member	Designation
1	Dr. Abhay Kasetwar	Chairman
2	Dr. Trupti Nagrare	Subject Head
3	Mr. M. W. Khanooni	Subject Head
4	Mr. Vivek Deshmukh	Subject Head
5	Mrs. Nicky S. Balani	Subject Head
6	Mr. Amit Kale	Subject Head
7	Dr. Milind M. Khanapurkar Department of Electronics and Telecommunication Engineering, G.H. Rasoni College of Engineering, Nagpur	VC Nominee
8	Dr. Mayur Parate Department of Electronics and Communication Engineering, IIIT, Nagpur.	External Subject Expert
9	Dr. Ankit Bhurane Department of Electronics and Communication Engineering, VNIT, Nagpur.	External Subject Expert
10	Mr. Ketan Paithankar Konverge AI Pvt. Ltd., Nagpur	Industry Representative



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11	Dr. Sanjal L. Badjate Principal, S.B. Jain Institute of Technology, Management & Research, Nagpur	Special Invitee
12	Dr. Mrudula Nimbarte Department of Computer Science and Engineering, S.B. Jain Institute of Technology, Management & Research, Nagpur	Special Invitee
13	Ms. Ayushi Jaiswal	Special Invitee
14	Mr. Sagar Paddhan	Special Invitee
15	Ms. Sonam Kurda TCS, Pune	Meritorious Alumnus

At the outset, Chairman Dr. Abhay Kasetwar extended a cordial welcome to all the honorable members present in the 4<sup>th</sup> meeting of Board of Studies of Electronics & Telecommunication Engineering Department.

**Agenda of the Meeting:**

**Agenda 4.1:** Approval of Minutes of 3<sup>rd</sup> Board of Studies Meeting held on 27<sup>th</sup> July, 2021.

**Agenda 4.2:** Discussion on academics and related activities conducted in III Semester of UG Programme during Session 2021-22.

**Agenda 4.3:** Apprise with the "Incentive Marks Scheme" offered by the Institute.

**Agenda 4.4:** Information about the Value Added Course on topic "Web Development using HTML,CSS and Bootstrap" conducted for the students of III Semester, UG Programme in Session 2021-22, to impart transferable & life skills and its inclusion in the Incentive Marks Scheme.

**Agenda 4.5:** Consider and approve revised Outcome Based Education (OBE) Manual of UG Programme of Electronics & Telecommunication Engineering from Session 2021-22.

**Agenda 4.6:** Consider and finalize the revised structure and area of Honors/Major Specialization Courses offered by the Department and Minor Specialization Courses offered by the Institute w.e.f. Session 2021-22.

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## BOARD OF STUDIES

- Agenda 4.7:** Apprise with the academic MoUs undertaken by the Department with the Industries to develop curriculum with focus on employability/ entrepreneurship/ skill development and foster Institute-Industry interaction.
- Agenda 4.8:** Apprise with the structured feedback taken from stakeholders (Teachers, Students, Employers and Alumni) on design and review of syllabus/curriculum of III & IV semester courses of Electronics & Telecommunication Engineering Programme.
- Agenda 4.9:** Consider and finalize IV Semester Curriculum Syllabus of all the Professional Core Courses and Open Elective Course of UG Programme, Electronics & Telecommunication Engineering.
- Agenda 4.10:** Consider and finalize Curriculum Syllabus of Courses Digital Electronics & Microprocessor (PCCEE402T) and Digital Electronics & Microprocessor Lab (PCCEE402P) offered by Electrical Engineering Department in IV Semester.
- Agenda 4.11:** Consider and approve Panel of Course Examiners for theory and practical examinations of IV Semester, UG Programme in Electronics and Telecommunication Engineering for Session 2021-22.
- Agenda 4.12:** Any other point with due permission of the Chairman.

### Minutes of the Meeting are as follows:

#### **Agenda 4.1: Approval of Minutes of 3<sup>rd</sup> Board of Studies Meeting held on 27<sup>th</sup> July, 2021.**

Chairman briefed the members about the minutes of the 3<sup>rd</sup> Meeting of Board of Studies held on 27<sup>th</sup> July, 2021. Chairman also assured that all the valuable suggestions given by the honorable members were implemented.

**Resolution 4.1:** Resolved that the minutes of 3<sup>rd</sup> BoS Meeting held on 27<sup>th</sup> July, 2021 are approved by all the honorable members of Board of Studies.

#### **Agenda 4.2: Discussion on academics and related activities conducted in III Semester of UG Programme during Session 2021-22.**

Prof. Nicky Balani briefed the members about the academic activities carried out during III Semester, UG Programme of Electronics & Telecommunication Engineering for Session 2021-22. She detailed the members about the academic activities such as conduction of classes, CAE-I, CAE-II & ESE Examinations, internal practical submission, Skill Enhancement & Teacher Assessment Examinations

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conducted during the Third Semester. Chairman assured the members that all the said activities were smoothly conducted as planned and III semester students were highly benefited by those efforts.

**Resolution 4.2:** Resolved that all the activities planned for Third Semester, UG Programme of Electronics & Telecommunication Engineering for Session 2021-22 were conducted smoothly on scheduled time.

**Agenda 4.3: Apprise with the "Incentive Marks Scheme" offered by the Institute.**

Dr. Wasim Khanooni explained the members about the "Incentive Marks Scheme" offered by the Institute for motivating the students to participate in various curricular, co-curricular and extra-curricular activities. He explained in detailed about activities and Incentive Marks offered to the student by the Institute. Dr. Milind Khanapurkar, VC Nominee appreciated offering such Incentive Marks Scheme by the Institute that motivates students for participating in various activities, competitions and events. Dr. Ankit Bhurane added that such schemes will help grooming the overall personality of students. Chairman briefed the members that due to COVID-19 pandemic scenario, participation was less during this session but promised that it will increase eventually in the upcoming sessions.

**Resolution 4.3:** Resolved that students have actively participated in various and were awarded with incentive marks as per the said scheme.

**Agenda 4.4: Information about the Value Added Course on topic "Web Development using HTML, CSS and Bootstrap" conducted for the students of III Semester, UG Programme in Session 2021-22, to impart transferable & life skills and its inclusion in the Incentive Marks Scheme.**

Dr. Wasim Khanooni told the members that one value added course on the topic "Web Development using HTML, CSS and Bootstrap" was conducted from 01/02/2022 to 05/02/2022 for the students of III Semester, UG Programme in Session 2021-22, to impart transferable and life skills among the students. He also added that this Value Added Course was included in the Incentive Marks Scheme during the Session 2021-22 and students were awarded the incentive marks. Chairman added that a dedicated team of departmental faculties was developed as resource persons for conducting this Value Added Course. Mr. Ketan Paithankar appreciated conducting such value added course for the students and emphasized to organize more such Value Added Courses to impart life skills among the students which eventually boosts up the employability and entrepreneurship. All the members agreed with his valuable suggestion.

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**Resolution 4.4:** Resolved that at least one such Value Added Course shall be conducted for students in every semester.

**Agenda 4.5:** Consider and approve revised Outcome Based Education (OBE) Manual of UG Programme of Electronics & Telecommunication Engineering from Session 2021-22.

Chairman, Dr. Abhay Kasetawar briefed the meeting about the updates made in Outcome Based Education (OBE) Manual. He elaborated about updates made in the manual and put forth for the approval. All the members discussed about the changes made in the same.

**Resolution 4.5:** Resolved that all the updates made in OBE Manual were approved.

**Agenda 4.6:** Consider and finalize the revised structure and area of Honors/Major Specialization Courses offered by the Department and of Minor Specialization Courses offered by the Institute w.e.f. Session 2021-22.

Chairman briefed about the updates in the scheme of Honor/Major and Minor Specialization Courses being offered in UG Programme. He told the members that these specialization courses are offered to the students from the IV Semester Onwards. He added that at the start of each semester (from IV semester onwards), the Chairman of Board of Studies will announce the list of courses that is being offered during that semester.

**Resolution 4.6:** Resolved that all the members agreed and approved the updates in the Scheme of Honors/Major and Minor Specialization Courses.

**Agenda 4.7:** Apprise with the academic MoUs undertaken by the Department with the Industries to develop curriculum with focus on employability/ entrepreneurship/ skill development and foster Institute-Industry interaction.

Mr. Amit Kale briefed the members about the new initiative taken by the Department of signing Academic MoUs with Industries, required for enriching course contents and deliveries. He explained in detail about the activities those are committed to conduct under such Academic MoUs. Dr. Milind Khanapurkar appreciated the Department for taking such initiative and added that this will improve the Industry-Institute interactions and both parties will mutually get benefited. All the members appreciated the initiative taken.

**Resolution 4.7:** Resolved that such Academic MoUs shall be signed coursewise with the industries wherever possible.

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**Agenda 4.8:** Apprise with the structured feedback taken from stakeholders (Teachers, Students, Employers and Alumni) on design and review of curriculum syllabus of III & IV semester courses of Electronics & Telecommunication Engineering Programme.

Prof. Nicky Balani briefed the members that feedback reviews were taken on syllabus of III Semester courses from students. She also conveyed the members that review on IV Semester courses were taken from different stakeholders such as Staff, Alumni and Industry Experts and probable suggestions were incorporated in the syllabus of IV Semester courses. All the members reviewed the summary of feedbacks.

**Resolution 4.8:** Resolved that appropriate suggestions given by stakeholders have been incorporated in the curriculum syllabus.

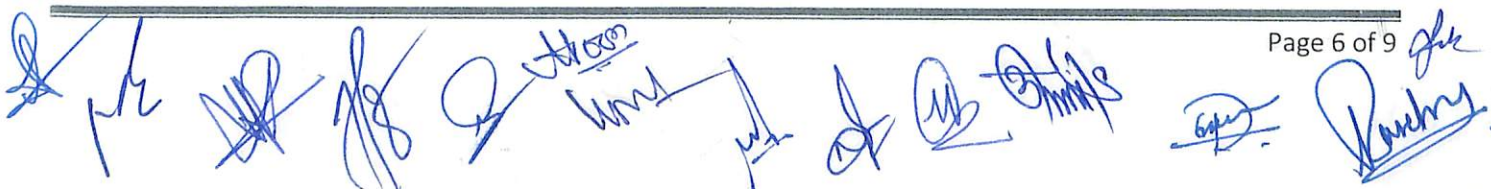
**Agenda 4.9:** Consider and finalize IV Semester Curriculum Syllabus of all the Professional Core Courses and Open Elective Course of UG Programme, Electronics & Telecommunication Engineering.

Prof. Vivek D. Deshmukh presented the syllabus of all Professional Core Courses of IV Semester, UG Programme in Electronics & Telecommunication Engineering. Chairman briefed the members that rigorous discussions were carried out with industry and academic experts, while designing the curriculum syllabus of Theory and Practical courses. Prof. Amit Kale presented the syllabus of Open Elective course "Actuators and Sensors" being offered in IV Semester. A detailed discussion is carried out by all the members of Board of Studies, taking into consideration each course with respect to its significance, contents, course objectives and course outcomes.

**Resolution 4.9:** Resolved that all the valuable suggestions given by the Special Invitees and other members are incorporated in IV Semester syllabus of Professional Core Courses and Open Elective of UG Programme in Electronics & Telecommunication Engineering and recommended for approval to Academic Council.

**Agenda 4.10:** Consider and finalize Curriculum Syllabus of Courses Digital Electronics & Microprocessor (PCCEE402T) and Digital Electronics & Microprocessor Lab (PCCEE402P) offered by Electrical Engineering Department in IV Semester.

Chairman presented the curriculum syllabus of following courses related to Electronics & Telecommunication Engineering offered by Electrical Engineering Department of the Institute in IV Semester.





Department of Electronics & Telecommunication Engineering

"Emerge as a centre for quality education in Electronics & Telecommunication Engineering, so as to create competent professionals"



BOARD OF STUDIES

**Department:** Electrical Engineering

**Year/Semester:** 2<sup>nd</sup> Year/4<sup>th</sup> Semester

**Courses:** Digital Electronics & Microprocessor (PCCEE402T) and Digital Electronics & Microprocessor Lab (PCCEE402P)

All the honorable members discussed and finalized the syllabus of above courses.

**Resolution 4.10:** Resolved that the syllabus of courses related to Electronics & Telecommunication Engineering offered by Electrical Engineering Department of the Institute in IV Semester is approved by all the honorable members.

**Agenda 4.11:** Consider and approve Panel of Course Examiners for examinations of IV Semester, UG Programme in Electronics and Telecommunication Engineering for Session2021-22.

Dr. Trupti Nagrare presented the Panel of Examiners for examinations of IV Semester, Bachelor of Engineering in Electronics and Telecommunication Engineering. All the members discussed and finalized the Panel of Examiners.

**Resolution 4.11:** Resolved that the Panel of Examiners for examinations of IV Semester, Bachelor of Engineering in Electronics and Telecommunication Engineering is approved by all the honorable members.

**Agenda 4.12:** Any other point with due permission of the Chairman:

a) Information about inclusion of a new Teacher Assessment Examination (TAE) Activity "Online Quiz" in the evaluation process of IV Semester courses of UG Programme with due permission from Board of Studies Chairman

Mr. Vivek Deshmukh briefed the members about the inclusion of a new Teacher Assessment Examination (TAE) Activity "Online Quiz" in the assessment process of following IV Semester courses of UG programme with the prior permission from the Chairman of Board of Studies. This new Teachers Assessment Examination (TAE) Activity is apart from those mentioned in the Academic Rules & Regulations of the Institute.

Course Code	Name of the Course	TAE Parameter
BSCET401T	Engineering Mathematics-IV	Online Quiz
PCCE401T	Electromagnetic Fields	Online Quiz

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PC CET402T	Signal Processing	Online Quiz
PC CET403T	Python Programming	Online Quiz

All the members appreciated the inclusion of such new TAE Activity in the assessment process.

**Resolution 4.12.a:** Resolved that TAE activity "Online Quiz" is included in assessment process and successfully conducted on scheduled time for the above said courses of IV Semester during the Session 2021-22.

**b) Apprise with the direction of R.T.M. Nagpur University that all the B.E. programmes shall be henceforth read as B.Tech.**

Dr. S. L. Badjate apprises the members with the new direction given by the R.T.M. Nagpur University that henceforth all the B.E. Programmes shall be considered as B.Tech Programmes. He told that Department of Electronics & Telecommunication Engineering shall read its UG Programme as B.Tech

**Resolution 4.12.b:** Resolved that B.E. in Electronics & Telecommunication Engineering henceforth shall be read as B.Tech in Electronics & Telecommunication Engineering.

The meeting ended with the vote of thanks by the Chairman. Chairman assured that the syllabus will be taught by incorporating use of modern tools and technologies, with an aim of developing students, so as to make them competent professionals.







**Attendees:**

Sr. No.	Name of Member	Signature
1.	Dr. Abhay R. Kasetwar	
2.	Dr. Trupti Nagrare	
3.	Dr. M.W. Khanooni	
4.	Mr. Vivek Deshnukh	
5.	Mrs. Nicky Balani	
6.	Mr. Amit Kale	
7.	Dr. Milind Khanapurkar	
8.	Dr. Mayur Parate	





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9.	Dr. Ankit Bhurane	
10.	Mr. Ketan Paithankar	
11.	Dr. Sanjay Badjate	
12.	Dr. Mrudula Nimbarte	
13.	Ms. Ayushi Jaiswal	
14.	Mr. Sagar Paddhan	
15.	Ms. Sonam Kurda	