S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT & RESEARCH, NAGPUR

(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

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

MINUTES OF MEETING

Date: 27/07/2021

Time: 12:30PM

Venue: Conference Room, Administrative Building

The Meeting of the Board of Studies of Electronics and Telecommunication Engineering Department was held on 27th July, 2021. Dr. Abhay R. Kasetwar, Chairman of Board of Studies presided over the meeting.

MEMBERS PRESENT:

Sr. No.	Name of the Member of Board of Studies	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.	Mr. Pankaj Taklikar	Subject Head
8.	Mr. Yogesh Sharma	Subject Head
9.	Mr. Mohammad Naushad	Subject Head
10.	Dr. Milind M. Khanapurkar Department of Electronics and Telecommunication Engineering, G.H. Raisoni College of Engineering, Nagpur	VC Nominee
11.	Dr. Mayur Parate Department of Electronics and Communication Engineering, IIIT, Nagpur.	External Subject Expert
12.	Dr. Ankit Bhurane Department of Electronics and Communication Engineering, VNIT, Nagpur.	External Subject Expert

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13.	Mr. Ketan Paithankar Konverge AI Pvt. Ltd., Nagpur	Industry Representative
14.	Dr. Sanjal L. Badjate Principal, S.B. Jain Institute of Technology, Management & Research, Nagpur	Special Invitee
15.	Dr. Amol Morankar	Special Invitee
16.	Dr. Rashmi Jain	Special Invitee
17.	Dr. Chandrakant Rathore	Special Invitee
18.	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 meeting of Board of Studies of Electronics & Telecommunication Engineering Department.

Agenda of the Meeting:

1. Induction of Dr. Milind M. Khanapurkar, Deputy Director, GHRCE, Nagpur as a VC Nominee in the Board of Studies.

2. Approval of Minutes of 2nd BOS Meeting held on 29th May, 2021.

3. Consider and finalize Curriculum Scheme of B.E. First Year, Electronics & Telecommunication Engineering w.e.f. Academic Session 2021-22.

4. Finalization and approval of Programme Educational Objectives (PEOs) and Programme Specific Outcomes (PSOs) of Electronics & Telecommunication Engineering Programme in the view of autonomy curriculum.

5. Discussion and finalization of III Semester to VIII Semester Curriculum Scheme, Honor/Major and Minor Specializations of UG Programme in Electronics & Telecommunication Engineering.

6. Discussion and finalization of III Semester Curriculum Syllabus forall Professional Core Courses of UG Programme in Electronics & Telecommunication Engineering.

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7. Discussion on introducing Activity Based Learning (ABL) in Teaching-Learning Process.

8. Finalization of Outcome Based Education (OBE) Manual of Electronics & Telecommunication Engineering from Session 2021-22.

9. Discussion and finalization of Curriculum Scheme & Syllabus of Second Year, Master of Technology in Electronics Engineering.

10. Finalization of Panel of Course Examiners for theory and practical examinations of Second Year, Master of Technology in Electronics Engineering.

11. Finalization of Panel of Course Examiners for Theory and Practical Examinations of III Semester, Bachelor of Engineering in Electronics & Telecommunication Engineering.

12. Any other point with due permission of the Chairman.

Minutes of the Meeting are as follows:

Agenda-1: Induction of Dr. Milind M. Khanapurkar, Deputy Director, GHRCE, Nagpur as a VC Nominee in the Board of Studies:

On behalf of Institute, Principal, Dr. Sanjay Badjate extended a cordial welcome to Dr. Milind M. Khanapurkar, Deputy Director, GHRCE, Nagpur as a VC Nominee, in the Board of Studies. He introduced Dr. Milind M. Khanapurkar with all the honorable members of Board of Studies. Chairman, Dr. Abhay Kasetwar briefed Dr. Milind M. Khanapurkar about the roles and responsibilities of members of Board of Studies for smooth conduction and quality improvement of curriculum under the umbrella of autonomy.

Resolution-1: Resolved that Dr. Milind M. Khanapurkar agreed and abide upon his roles and responsibilities.

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Agenda-2: Approval of Minutes of 2ⁿᵈ BOS Meeting held on 29ᵗʰ May, 2021:

Chairman briefed the members about the minutes of the previous Meeting of Board of Studies held on 29ᵗʰ May, 2021. Chairman also assured that all the valuable suggestions given by the honorable members were incorporated.

Resolution-2: Resolved that the minutes of previous BoS Meeting held on 29ᵗʰ May, 2021 are approved by all the honorable members of Board of Studies.

Agenda-3: Consider and finalize Curriculum Scheme of B.E. First Year, Electronics & Telecommunication Engineering w.e.f. Academic Session 2021-22:

Chairman presented the curriculum scheme of B.E. First Year of Electronics & Telecommunication Engineering effective from the Academic Session 2021-22. All the members discussed and finalized the scheme.

Resolution-3: Resolved that the curriculum scheme of B.E. First Year of Electronics & Telecommunication Engineering is finalized.

Agenda-4: Finalization and approval of Programme Educational Objectives (PEOs) and Programme Specific Outcomes (PSOs) of Electronics & Telecommunication Engineering Programme in the view of autonomy curriculum:

Mr. Waseem Khanooni presented the Programme Educational Objectives (PEOs) and Programme Specific Outcomes (PSOs) of Electronics & Telecommunication Engineering in the view of autonomy curriculum. A detailed discussion is carried out by all the members of Board of Studies, taking into consideration each PEO and PSO and its relevance with the curriculum of Electronics & Telecommunication Engineering. After detailed discussion, the Programme Educational Objectives (PEOs) and Programme Specific Outcomes (PSOs) are finalized.

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Resolution-4: Resolved that Programme Educational Objectives (PEOs) and Programme Specific Outcomes (PSOs) are approved by all the honorable members of Board of Studies.

Agenda-5: Discussion and finalization of III Semester to VIII Semester Curriculum Scheme, Honor/Major and Minor Specializations of UG Programme in Electronics & Telecommunication Engineering:

Mr. Pankaj Takalikar presented the Curriculum Scheme of III Semester to VIII Semester along with the Honor/Major and Minor Specialization offered in UG Programme of Electronics & Telecommunication Engineering. He introduced the members that the curriculum scheme is designed by considering the current trends in industries such as Internet of Things (IoT), Machine Learning and VLSI technologies. Chairman briefed the members that while designing the curriculum scheme, suggestions were taken from various industry and academic experts. Chairman also briefed the members that most of the job opportunities are available in IT industries. Hence, courses related to programming skills are also introduced in the scheme, which will help students for their placements. Dr. Milind Khanapurkar, honorable VC Nominee, suggested including the basic contents of Signals & Systems in the course Signal Processing. He also suggested offering Minor, Honor/Major Specializations by publishing a detailed policy document with the inclusion of assessment and evaluation methodologies. Dr. Ankit Bhurane and Dr. Mayur Parate suggested including advanced topics in Analog & Digital Communication courses. Mr. Ketan Paithankar appreciated inclusion of programming related courses into the curriculum of Electronics & Telecommunication Engineering. All the members carried out the detailed discussion and finalized the III Semester to VIII Semester Curriculum Scheme, Honor/Major and Minor Specializations of UG Programme in Electronics & Telecommunication Engineering.

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Resolution-5: Resolved that III Semester to VIII Semester Curriculum Scheme, Honor/Major and Minor Specializations of UG Programme in Electronics & Telecommunication Engineering are finalized by all the honorable members and recommended for approval to the Academic Council.

Agenda-6: **Discussion and finalization of III Semester Curriculum Syllabus for all Professional Core Courses of UG Programme in Electronics & Telecommunication Engineering:**

Mr. Vivek D. Deshmukh presented the syllabus of all Professional Core Courses of III 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. 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. The valuable suggestions given by the Special Invitees and other members are incorporated in the syllabus.

Resolution-6: Resolved that III Semester Curriculum Syllabus for all Professional Core Courses of UG Programme in Electronics & Telecommunication Engineering is finalized by all the honorable members and recommended for approval to the Academic Council. Also, it has been concluded that syllabus of courses Electronic Devices and Circuits, Digital Electronics and Object Oriented Programming & Data Structure are well versed with required skill sets for providing employability and entrepreneurship to the students.

Agenda-7: **Discussion on introducing Activity Based Learning (ABL) in Teaching-Learning Process:**

Chairman briefed the members that Department is introducing Activity Based Learning (ABL) in the Teaching-Learning Process for the effective curriculum delivery. He elaborated the inclusion of various

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activities which develops skill set among students and provides hands-on experience. A detailed discussion is carried out taking into consideration the contents, conduction and evaluation methods of activities for each course. All the members appreciated the initiative taken by the Department.

Resolution-7: Resolved that the Activity Based Learning (ABL) shall be incorporated in Teaching-Learning Process of the Department from the Session 2021-22.

Agenda-8: Finalization of Outcome Based Education (OBE) Manual of Electronics & Telecommunication Engineering from Session 2021-22:

Mr. Yogesh Sharma presented the Outcome Based Education (OBE) manual of Electronics & Telecommunication Engineering Department. He briefed the members that Programme Assessment and Quality Improvement Committee (PAQIC) of the Department is responsible for the planning, coordinating and following up on the Program Assessment activities. He explained the members about the direct and indirect assessment and evaluation methods for CO attainment in Theory & Practical courses. He also explained the members about the direct and indirect methods for PO/PSO Assessment & Evaluation. All the members discussed in detail about the direct and indirect methods used for the assessment & evaluation of COs, POs and PSOs. All the valuable suggestions given by the members are incorporated and the Outcome Based Education (OBE) manual is finalized.

Resolution-8: Resolved that Outcome Based Education (OBE) manual from the Session 2021-22 is finalized by all the honorable members.

Agenda-9: Discussion and finalization of Curriculum Scheme & Syllabus of Second Year, Master of Technology in Electronics Engineering:

Dr.Trupti Nagrare presented the curriculum scheme & syllabus of Second Year, Master of Technology in Electronics Engineering. Chairman added that a MOOC course on "High Performance Computer

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Architecure" is introduced in III Semester of Master of Technology in Electronics Engineering. All the members appreciated adding such MOOC courses into curriculum. A discussion is carried out regarding the curriculum scheme & syllabus and is finalized.

Resolution-9: Resolved that the curriculum scheme & syllabus of Second Year, Master of Technology in Electronics Engineering is finalized by all the honorable members and recommended for approval to the Academic Council.

Agenda-10: **Finalization of Panel of Course Examiners for Theory and Practical Examinations of Second Year, Master of Technology in Electronics Engineering:**

Mrs. Nicky Balani initiated the discussion regarding formation of Panel of Course Examiners for theory and practical examinations of Second Year, Master, of Technology in Electronics Engineering. She presented a list of panel of examiners. Dr. Milind Khanapurkar suggested introducing course examiners from other than R.T.M. Nagpur University also, to the Panel of Course Examiners. All the members discussed and Panel of Course Examiners is finalized.

Resolution-10: Resolved that the Panel of Course Examiners for theory and practical examinations of Second Year, Master of Technology in Electronics Engineering is approved by all the honorable members.

Agenda-11: **Finalization of Panel of Course Examiners for Theory and Practical examinations of III Semester, Bachelor of Engineering in Electronics & Telecommunication Engineering:**

Mr. Md. Naushad presented the list of Panel of Examiners for theory and practical examinations of III Semester, Bachelor of Engineering in Electronics and Telecommunication Engineering. All the members discussed and finalized the Panel of Examiners.

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Resolution-11: Resolved that the Panel of Examiners for theory and practical examinations of III Semester, Bachelor of Engineering in Electronics and Telecommunication Engineering is approved by all the honorable members.

Agenda-12: Any other point with due permission of the Chairman:

Chairman presented the curriculum syllabus of following courses related to Electronics & Telecommunication Engineering offered by Electrical Engineering and Computer Science & Engineering Departments of the Institute.

1. **Department:** Electrical Engineering

   Year/Semester: II Year/III Semester

   Courses: Analog Electronics [PCCEE302T] and its practical course [PCCEE302P]

2. **Department:** Computer Science & Engineering

   Year/Semester: II Year/III Semester

   Courses: Fundamentals of Digital Electronics & Computer Architecture [PCCCS301T] and its practical course [PCCCS301P]

All the honorable members discussed and finalized the courses.

Resolution-12: Resolved that the syllabus of courses related to Electronics & Telecommunication Engineering offered by Electrical Engineering and Computer Science & Engineering Departments of the Institute are approved by all the honorable members.

The meeting ended with the vote of thanks by the Chairman. Meeting concluded with an assurance 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.

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Attendees:

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1.	Dr. Abhay R. Kasetwar	
2.	Dr. Trupti Nagrare	
3.	Mr. M.W. Khanooni	
4.	Mr. Vivek Deshnukh	
5.	Mrs. Nicky Balani	
6.	Mr. Amit Kale	
7.	Mr. Pankaj Taklikar	
8.	Mr. Yogesh Sharma	
9.	Mr. Mohammad Naushad	
10.	Dr. Milind Khanapurkar	
11.	Dr. Mayur Parate	
12.	Dr. Ankit Bhurane	
13.	Mr. Ketan Paithankar	
14.	Dr. Sanjay Badjate	
15.	Dr. Amol Morankar	
16.	Dr. Rashmi Jain	
17.	Dr. Chandrakant Rathore	
18.	Ms. Sonam Kurda	