



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in

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COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

46
years

Minutes of Second Board of Studies (BoS) Meeting of BE Electronics Engineering (VLSI Design and Technology) held on 24/04/2025 in online Mode

24/04/2025

Members Present:

S. no.	Name	Designation & Details
1.	Prof. S. Anuradha	Professor, ECE Dept. NIT Warangal
2.	Prof. P. Chandrashekar	Professor,, ECE, Dept. UCE, OU, Hyderabad
3.	Dr. Jyoti Mansukhani	Scientist F, DRDL, Kanchanbagh, Hyderabad.
4.	Mr. Deepak Raya	Ph.D. Scholar (PMRF), Neuroscience, IISC Bangalore
5.	Ms. R Hari Chandana	Sr. Engineer, Mistral Solutions Pvt. Ltd., Bangalore
6.	Dr. M. A. Mushahid Majeed	CAD Software Developer and Application Manager, NXP Semiconductors Ltd., Hyderabad.
7.	Ms. Kilaru Susrutha Reddy	Silicon Design Engineer, AMD, Hyderabad
8.	Dr. N. V. Koteswara Rao	Professor of ECE Department, CBIT
9.	Dr. D. Krishna Reddy	Professor of ECE Department, CBIT
10.	Dr. P. Narahari Sastry	Professor of ECE Department, CBIT
11.	Dr. M.Sushanth Babu	Professor of ECE Department, CBIT
12.	Dr.Vivek Singh Kushwah	Professor of ECE Department, CBIT
13.	Dr. A.D. Sarma	Professor of ECE Department, CBIT
14.	Dr. B. Khaleelu Rehman	Associate Professor of ECE Department, CBIT
15.	Mr. M.Z.Jahangir	Assistant Professor of ECE Department, CBIT
16.	Dr. K. Vasanth	Chairman BoS
17.	Dr.M.L.N Charyulu, Dr. M. Ramana Reddy , Mr.A. Krishna Kumar , Mr.N. Jagan Mohan Reddy , Mr.P. Chandra sekhar, Mr.E Chandrasekhar	Invited Faculty of CBIT (CEG Group)

Members on Leave of Absence:

S. no.	Name	Organization
1	Prof. Shiv Govind Singh	Professor, Electrical Engineering, IIT Hyderabad
2	Dr. C.V.Narasimhulu	Principal & Professor ECE, CBIT

Chairman, BoS warmly welcomed the Board of Studies (BoS) members. The Chairman, BoS informed that the curriculum is developed considering the recently released AICTE model curriculum and syllabus of standard institutions. He also enumerated the various VLSI area clusters used for designing the specialized curriculum and presented the agenda.

Minutes of the meeting:

1.	To approve the minutes of previous (1st BoS) meeting held on 18-06-2024.
	Chairman BoS presented the minutes of preceding first BoS meeting held on 18-06-2024 and the minutes were approved by the BoS members.
2.	To Brief the Scheme of the Program from V semester to VIII Semester under R22(A) Regulation
	<p>A detailed discussion on Scheme of the Program from V semester to VIII Semester under R22(A) Regulation with the following recommendations:</p> <p>The B.E. Electronics Engineering (VLSI Design and Technology) Scheme for Semesters V-VIII was well received by Prof. P. Chandrashekar. He suggested moving forward with the suggested V-VIII Semester structure and plan.</p> <p>Dr. Jyoti Mansukhani and Mr. Deepak Raya are also agreed for the same.</p>
3.	To discuss the Syllabus of V and VI semesters of BE Electronics Engineering (VLSI Design and Technology) R-22(A) Regulations.
	<p>A detailed discussion on syllabus is carried out about all the courses being offered from V to VI semesters of R-22(A) regulation with the following recommendations:</p> <p>The BE Electronics Engineering (VLSI Design and Technology) syllabus for the V and VI semesters was praised by Dr. M. A. Mushahid Majeed for being industry relevant. He suggested moving on with the suggested V and VI semester structure and curriculum.</p> <p>Ms. Kilaru Susrutha appreciated that presented curriculum is good. She recommended that including the basic concepts related to how AI is being used in Semiconductor industry might be interesting and needed for the students, Many different EDA vendor tools are using AI to improve the techniques used in chip designing, so a brief idea on AI's role may keep the students on par with current industry.</p> <p>Action Taken: As per the suggestion, the same will be included in the course “AI&ML for VLSICAD”</p> <p>The Syllabus of V and VI semesters were approved.</p>

4.	To approve the 11 Program Outcomes as per the new NBA guidelines.
	<p>Chairman BoS sought after the approval the 11 Program Outcomes as per the new NBA guidelines.</p> <p>In accordance with the new NBA criteria, 11 Program Outcomes were authorised by BoS members and determined that the 11 Program Outcomes should be used to recast the CO-PO articulation matrix for all courses.</p>
5.	To present the courses related to Additional Minor Engineering and Honors Degree.
	<p>Chairman BoS requested the members to give approval authority for choosing of the courses related to Additional Minor Engineering and Honors Degree, when the list is disseminated by the forum NPTEL for AY 2025-26 Even Semester.</p> <p>BoS members approved the same.</p>
6.	To present the list and syllabi of "Value added and Certification courses".
	<p>Chairman BoS presented the list and syllabi of "Value added and Certification courses".</p> <p>BoS members approved the same.</p>
7.	Any other item with the permission of chair
	<p>Nil.</p> <p>BoS Chairman would like to seek the approval through E-mail from the members of BoS for any further modifications in the curriculum, if required.</p>

The members are requested to offer the comments, if any, within a week from the date of receipt of this communication. If no comments are received, the minutes will be taken as confirmed.

Copy to:

1. Members of BoS
2. Principal for BoS

Head and Chairman, BoS
Dept. of ECE

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