

National Engineering College, K.R.Nagar, Kovilpatti – 628 503
(An Autonomous Institution - Affiliated to Anna University, Chennai)
www.nec.edu.in

Department of Computer Science and Engineering

MINUTES of 20th Meeting of the Board of Studies held on
25th November, 2023 at 10.00 AM

Venue: CSE Seminar Hall, National Engineering College
K.R.Nagar, Kovilpatti – 628 503

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20th Board of Studies Meeting in the Department of
Computer Science and Engineering

Venue: CSE Seminar Hall, National Engineering College

K.R.Nagar, Kovilpatti – 628 503

Date & Time: 25.11.2023 & 10.00 AM

Agenda

BoS / CSE 20.1	:	Confirmation of the Minutes of the 19 th meeting of Board of studies in the department of Computer Science and Engineering held on 24 th June 2023 and Action taken report of 19 th meeting of Board of studies
BoS / CSE 20.2	:	Business brought forward by the Chairman, Board of studies 20.2.1. Revision of PEO's and PSO's for B.E. CSE Programme 20.2.2. Curriculum of B.E.CSE programme under R-2023. 20.2.3. Approval of syllabi for Second and Third semester courses of B.E.CSE programme under R-2023. 20.2.4. Approval of additional elective courses of B.E.CSE programme under R-2019. 20.2.5. Curriculum of M.E.CSE programme under R-2023. 20.2.6. Approval of syllabi for Second semester courses of M.E.CSE programme under R-2023
BoS / CSE 20.3	:	Any other items.
BoS / CSE 20.4	:	Suggestions given by the BoS Members

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F. No. 1-1/NEC/CSE

25th November, 2023

Dear Sir,

Sub: Minutes of the 20th Meeting of the Board of studies in the Computer Science and Engineering -Reg.

Kindly find attached herewith the Minutes of the 20th Meeting of Board of studies of the Computer Science and Engineering of the National Engineering College, K.R.Nagar, Kovilpatti – 628 503 held on 25th November 2023 at 10.00 AM in the CSE Seminar hall of National Engineering college. Hard copy of the Minutes is also being sent to you by speed post.

It is requested that comments on the Minutes, if any, may please be sent by email at hodcse@nec.edu.in or by post, at the earliest. If no comments are received, within ten days, the minutes shall be taken as confirmed.

Yours Sincerely



Dr.V.Gomathi

Department of Computer Science and Engineering

MINUTES OF THE MEETING

The 20th Meeting of the Board of studies of the Computer Science and Engineering, Information Technology and Artificial Intelligence & Data Science was held on 25th November, 2023 at 10.00 AM in the CSE Seminar hall of National Engineering College.

The following members were present in the alumni chamber

1.	Dr.V.Gomathi Professor & Head / CSE	Chairman
Experts attended the Meeting		
2.	Dr.G.Madhupriya Associate Professor, Dept. of Computer Science and Engineering Thiagarajar College of Engineering, Madurai.	Anna University Nominee
3.	Dr.V.Masilamani Associate Professor & Head, Dept. of Computer Science and Engineering, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram.	Academic Experts
4.	Dr.C.Mala Professor, Dept. of Computer Science and Engineering, National Institute of Technology, Tiruchirappalli.	
5.	Dr. B.L. Velammal Associate Professor, Department of CSE, Anna university, Chennai. Mobile No: 9486452241 Email id: velammalbl@annauniv.edu	
6.	Dr.J.Sheeba Rani Associate professor, Department of Avionics, Indian Institute of Space Science and Technology, Valiamala, Thiruvananthapuram. Mobile No: 9442207934 Email Id: sheebaraniist@gmail.com	R&D Expert

7.	Mr.S.Pugazhenthii. Program Analyst, Cognizant Technology Solutions Corp Chennai. Mobile No: 9500031838 Email id: pugazhenthiiar@gmail.com	Industrial Expert
8.	Mr.Muruganantham Madan Veluchamy. Delivery Head, Tata Consultancy Services, Chennai. Mobile No: 9600122440 Email id: muruganantham.veluchamy@tes.com	
9.	Mr.K.Sujeeth Senior Technical Lead – Data Analyst, Mercedes Benz R&D India, Brigate Tech Gargen, Kundanahalli, Bangalore. Mobile No: 7022850738 Email id: sujeeth.kumaravel@mercedes-benz.com	
10.	Mr.S.Manikandan Product Lead Engineer, Zoho Corporation, Tirunelveli	Alumni Member
11.	Dr.D.Manimegalai, Professor & COE	Internal Members
12.	Dr.K.Mohaideen Pitchai, Professor	
13.	Dr.S.Kalaiselvi, Associate Professor	
14.	Dr.J.Naskath, Associate Professor	
15.	Dr.R.Rajakumari, Assistant Professor (SG)	
16.	Mr.D.Vijayakumar, Assistant Professor (SG)	
17.	Dr.G.Sivakamasundari, Assistant Professor (SG)	
18.	Dr.B.Shunmugapriya, Assistant Professor (SG)	
19.	Dr.M.Syed Rabiya, Assistant Professor	
20.	Dr.J.Ida Christy, Assistant Professor	
21.	Ms.D.Thamarai Selvi, Assistant Professor	
22.	Ms.R.Vazhan Arul Santhiya, Assistant Professor	
23.	Mr.K.Mohamed Hanifa, III year CSE	
24.	Ms.K.Bhavani, III year CSE	

Ms.R.Sheeba Mohan Information Security Officer, Kudankulam Nuclear Power Plant and Mr.Arun Rajkumar, Co-Founder & CTO, Atoa Payment, Bengaluru could not attend the meeting due to their prior commitments and unavoidable reasons and were granted leave of absence.

BoS / CSE 20.1	:	<p>TO CONFIRM THE MINUTES OF 19th BOS MEETING HELD ON 24th JUNE, 2023</p> <p>The minutes of the 19th Board of Studies meeting held on 24th June 2023 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 19th Academic council.</p> <p>➤ Action Taken Report</p> <p>(Enclosed in Annexure D)</p>
BoS/CSE 20.2.1		<p>TO CONFIRM AND APPROVE OF Proposed PEO's and PSO's for B.E. CSE</p> <p>RESOLVED TO approval of Proposed PEO's and PSO's for B.E. CSE.</p>
BoS/CSE 20.2.2	:	<p>TO CONFIRM AND APPROVE OF curriculum of B.E.CSE programme under R-2023.</p> <p>RESOLVED TO approval of curriculum of B.E.CSE programme under R-2023.</p>
BoS/ CSE 20.2.4	:	<p>TO CONFIRM AND APPROVE OF syllabi for second and third semester courses of B.E.CSE programme under R-2023.</p> <p>RESOLVED TO approval of syllabi for second and third semester courses of B.E.CSE programme under R-2023.</p>
BoS/ CSE 20.2.3	:	<p>TO CONFIRM AND APPROVE OF additional elective courses of B.E.CSE programme under R-2019.</p> <p>RESOLVED TO approval of additional elective courses of B.E.CSE programme under R-2019.</p>

BoS/ CSE 20.2.4	:	<p>TO CONFIRM AND APPROVE OF curriculum of M.E.CSE programme under R-2023.</p> <p>RESOLVED TO approval of curriculum of M.E.CSE programme under R-2023.</p>
BoS/ CSE 20.2.5	:	<p>TO CONFIRM AND APPROVE OF syllabi for second semester and elective courses of M.E.CSE programme under R-2023.</p> <p>RESOLVED TO approval of syllabi for second semester and elective courses of M.E.CSE programme under R-2023.</p>
BoS/CSE 20.3	:	<p>ANY OTHER ITEMS, IF ANY, WITH THE PERMISSION OF THE CHAIRMAN OF THE BOS</p> <p>On the whole, this new initiative was very much appreciated by all members. The challenges faced by the students (if any) should be periodically discussed with them. They also congratulated the faculty members for their team efforts towards framing curriculum structure and syllabi for new regulations 2023.</p>
BoS / CSE 20.4	:	SUGGESTIONS GIVEN BY THE BOS MEMBERS
20.4.1	:	The refinement of PEO's and PSO's statement were well appreciated by the members.
20.4.2		Refine the PSO2 statement to include knowledge base of students in solving the problems.
20.4.3		For UG R2023,
20.4.3.1	:	Relevance of CO statements and CO contents were also esteemed by the members in all the syllabi.
20.4.3.2	:	In OOP using C++ integrated course, recommended to revises few of the CO statements.

20.4.3.3	:	In Data Structures course, real-world problems on Prim's and Kruskal's may be included with scenarios.
20.4.3.4	:	In Data Structures Laboratory course, exercise on implementation of Dictionary ADT operations using AVL tree may be added.
20.4.3.5	:	In Operating systems course, better to have practical rather than tutorial.
20.4.3.6	:	Computer Organisation and Architecture & Digital Principles System Design courses have to be interchanged.
20.4.3.7	:	Credits for Computer Organisation and Architecture & Digital Principles System Design must be increased from 2 to 3.
20.4.3.8	:	In 3 rd Semester, core course UI/UX Design can be opted as elective course in place of core.
20.4.3.9	:	Theory & Algorithms verticals to be introduced.
20.4.4	:	For UG-R2019,
20.4.4.1	:	In Front End Development course, CO3 content may be refined as instead of GIT another new framework will be added.
20.4.5	:	For PG-R2023,
20.4.5.1	:	Machine Learning Techniques course may be renamed as, Machine Learning Algorithms.
20.4.5.2	:	In Deep Learning course, SSD model to be included for object detection.

The members had a brainstorming discussion and interaction among themselves. After discussion, fruitful suggestions were incorporated appropriately in the Curriculum and the Syllabi of R-2023

Based on the suggestions given by the members, BOS resolved to recommend the following to the Academic Council for further approval.

- a. Curriculum of B.E.CSE programme under R-2023.
- b. Approval of syllabi for second and third semester courses of B.E.CSE programme under R-2023.
- c. Curriculum of M.E.CSE programme under R-2023.

- d. Approval of syllabi for second semester courses of M.E.CSE programme under R-2023.
- e. Approval of an additional elective courses on "19CS52E - Front End Development and 19CS36L - Front End Development Laboratory" of B.E.CSE programme under R-2019.

Ms.V.Anitha, Assistant Professor, thanked all the members for their valuable suggestions and cooperation and the meeting came to an end.

Members Present



<p>Dr.V.Gomathi Professor & Head/ CSE Chairman BoS/ CSE</p>	<p>V.L. → 25/11/23</p>
<p>Experts attended the meeting <i>Anna University Nominee</i></p>	
<p>Dr. G.Madhupriya Associate Professor, Dept. of Computer Science and Engineering Thiagarajar College of Engineering, Madurai.</p>	<p>G. Madhupriya 25/11/23</p>
<p>Academic Experts</p>	
<p>Dr.V.Masilamani, Associate Professor & Head, Dept. of Computer Science and Engineering, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram.</p>	<p>V. V. → 25/11/23</p>
<p>Dr.C.Mala, Professor, Dept. of Computer Science and Engineering, National Institute of Technology, Tiruchirappalli.</p>	<p>CMR 25/11/23</p>
<p>Dr. B.L. Velammal Associate Professor, Department of CSE, Anna university, Chennai. Mobile No: 9486452241 Email id: velammalbl@annauniv.edu</p>	<p>Velammal 25/11/2023</p>
<p>R&D Expert</p>	
<p>Dr.J.Sheeba Rani Associate professor, Department of Avionics, Indian Institute of Space Science and Technology, Valiamala, Thiruvananthapuram, Mobile No: 9442207934 Email Id: sheebaraniist@gmail.com</p>	<p>Sheeba Rani</p>

Industrial Experts

Mr.S.Pugazhenthii, Program Analyst, Cognizant Technology Solutions Corp Chennai. Mobile No: 9500031838 Email id: pugazhenthii@gmail.com	R. Pugazhenti 25/11/23
Mr.Muruganantham Madan Veluchamy, Delivery Head, Tata Consultancy Services, Chennai. Mobile No: 9600122440 Email id: muruganantham.veluchamy@tcs.com	M.V. Hyab 25/11/23
Mr.K.Sujeeth Senior Technical Lead – Data Analyst, Mercedes Benz R&D India, Brigate Tech Gargen, Kundanahalli, Bangalore. Mobile No: 7022850738 Email id: sujeeth.kumaravel@mercedes-benz.com	K. Sujeeth 25/11/23
<i>Alumni</i>	
Mr.S.Manikandan Product Lead Engineer, Zoho Corporation, Tirunelveli	S. Manikandan 25/11/23

Internal BoS Members

Dr.D.Manimegalai, Professor & COE	D.M 25/11/23
Dr.K.Mohaideen Pitchai, Professor	K. Mohaideen Pitchai 25/11/23
Dr.S.Kalaiselvi, Associate Professor	S. Kalaiselvi 25/11/23
Dr.J.Naskath, Associate Professor	J. Naskath 25/11/23
Dr.R.Rajakumari, Assistant Professor (SG)	R. Rajakumari 25/11/2023
Mr.D.Vijayakumar, Assistant Professor (SG)	Vijayakumar 25/11/23
Dr.G.Sivakamasundari, Assistant Professor (SG)	G. Sivakamasundari 25/11/2023
Dr.B.Shunmugapriya, Assistant Professor (SG)	B. Shunmugapriya 25/11/2023
Dr.S.Dheenathayalan, Assistant Professor (SG)	S. Dheenathayalan 25/11/23
Dr.M.Syed Rabiya, Assistant Professor	M. Syed Rabiya 25/11/23
Dr.J.Ida Christy, Assistant Professor	J. Ida Christy 25/11/23

Assistant Professor	
Ms.D.Thamarai Selvi, Assistant Professor	 25/11/23
Ms.R.Vazhan Arul Santhiya, Assistant Professor	
Mr.K.Mohamed Hanifa, III year CSE	K. Mohamed Hanifa / 25/11/23
Ms.K.Bhavani, III year CSE	Bhavani. K 25/11/2023


CHAIRMAN
BOARD OF STUDIES

Annexure I

Action Taken Report for Minutes of 19th BOS

As per BOS committee suggestions,

1. R2023 UG Curriculum was reframed
2. For few Core Laboratory Courses contact hours have been increased
3. In Computational Mathematics course (R2023 – PG) CO6 contents were refined

V. L. 
25/11/23
CHAIRMAN

BOARD OF STUDIES

20th BOARD OF STUDIES MEETING - DEPARTMENT OF CSE, IT

&

2nd BOARD OF STUDIES MEETING - DEPARTMENT OF AI&DS ON 25.11.2023



20th BOARD OF STUDIES MEETING - DEPARTMENT OF CSE, IT

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2nd BOARD OF STUDIES MEETING - DEPARTMENT OF AI&DS ON 25.11.2023

