Department of Computer Science and Engineering

MINUTES of 16th Meeting of the Board of Studies held on
27thNovember, 2021 at 11.00 AM

Meeting Mode: Through Hybrid mode - offline and online (Google meet)
Venue: CSE seminar Hall, National Engineering College
K.R.Nagar, Kovilpatti – 628 503
Google Meet Link: https://meet.google.com/pyd-nwey-nxf

16th Board of Studies Meeting in the Department of
Computer Science and Engineering

Meeting Mode: Through Hybrid mode - offline and online(GoogleMeet)

Venue: CSE Seminar Hall, National Engineering College

K.R.Nagar, Kovilpatti – 628 503

Google Meet Link:https://meet.google.com/pyd-nwey-nxf
Date & Time:27.11.2021&11.00 AM

Agenda

BoS / CSE 16.1	:	Welcome address and Opening Remarks by Chairman, Board of Studies in the department of Computer Science and Engineering
BoS / CSE 16.2	:	Confirmation of the Minutes of the 15th meeting of Board of studies in the department of Computer Science and Engineering held on 25thJune 2021 and Action taken report of 15th meeting of Board of studies
BoS / CSE 16.3	:	Business brought forward by the Chairman, Board of studies

16.3.1. Specialization (Artificial Intelligence & Machine Learning, Block chain Technology) – Curriculum, Regulation requirements for B.E-CSE programme under R2019

16.3.2. Additional elective courses for M.E-CSE under R2019.

16.3.3. Additional one credit courses for B.E-CSE Under R2019.

16.3.4. Refinement of existing courses.

16.3.5. Detailed syllabus for product development laboratory in 6th Semester.

16.3.6. End semester examinations in hybrid mode.

BoS / CSE 16.4	:	Any other items.
BoS / CSE 16.5	:	Suggestions given by the BoS Members

F. No. 1-1/NEC/CSE

27th November, 2021

Dear Sir,

Sub: *Minutes of the 16th Meeting of the Board of studies in the Computer Science and Engineering -Reg.*

Kindly find attached herewith the Minutes of the 16th Meeting of Board of studies of the Computer Science and Engineering of the National Engineering College, K.R.Nagar, Kovilpatti – 628 503 held on 27th November 2021 at 11.00 AM through hybrid mode - offline and online (Google meet) 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. With Kind Regards,

Yours Sincerely

27/11/2021

Dr.V.Gomathi

Department of Computer Science and Engineering

MINUTES OF THE MEETING

The 16th Meeting of the Board of studies of the Computer Science and Engineering was held on 27th November, 2021 at 11.00 AM through hybrid mode - offline and online Google Meet in the CSE Seminar hall of National Engineering college.

The following members were present in the seminar hall

1.	**Dr.V.GOMATHI** Professor & Head	Chairman
2.	Dr.D.Manimegalai, Professor& COE	Internal BoS members
3.	Dr.V.Kalaivani, Professor	
4.	Dr.K.MohaideenPitchai, Associate Professor (SG)	
5.	Dr.M.Jayalakshmi, Associate Professor	
6.	Dr.M.Bhuvaneswari, Assistant Professor (SG)	
7.	Dr.J.Naskath, Assistant Professor (SG)	
8.	Ms.R.Rajakumari, Assistant Professor (SG)	
9.	Mr.D.Vijayakumar,Assistant Professor (SG)	
10.	Dr.S.Kalaiselvi, Assistant Professor (SG)	
11.	Dr.G.Sivakamasundari, Assistant Professor (SG)	
12.	Ms.G.R.Hemalakshmi, Assistant Professor (SG)	
13.	Ms.V.Anusuya Devi ,Assistant Professor(SG)	
14.	Mr.SrinivasanRajendren, Service Delivery Manager, Tata Consultancy Services, Chennai.	Industrial Experts & Alumni
15.	Ms.G.Maria Justin Mary IT-Lead Remedy Application, Honeywell Technology Solutions, Madurai.	
16.	Mr.Manikanda Raman Viswanathan, Principal Architect, Cognizant Digital Operations, CTS,Chennai.	Adjunct faculty and Alumni
17.	Ms. Suji S, III year CSE	Student Members Nominated by the HOD
18.	Mr. Narain C A, III year CSE	

	Experts attended the meeting Online(Google Meet)	
19.	Dr. K. S. Easwarakumar Professor, Dept. of Computer Science and Engineering, CEG Campus Anna University, Chennai.	Anna university Nominee
20.	Dr. C.Krishna Mohan Professor & Head Dept. of Computer Science and Engineering, Indian Institute of Technology Hyderabad, Hyderabad.	Academic Experts
21.	Dr. C. Mala Professor, Dept. of Computer Science and Engineering, National Institute of Technology Trichy, Trichy.	
22.	Dr.G.R.Karpagam, Professor, Dept. of Computer Science and Engineering, PSG College of Technology, Avinashi Road, Peelamedu. Coimbatore.	
23.	Mr.D.Siddharthan, Delivery Manager, Wipro Technologies Pvt. Ltd, Chennai.	Industrial Experts

Dr.G.Kousalya, Professor & Head of the Department, Dept. of Computer Science and Engineering, Coimbatore Institute of Technology and Mr.Roy Antony Arnold, Lead - Education and Research, Infosys Pvt Ltd., Chennai could not attend the meeting due to their prior commitments and unavoidable reasons and were granted leave of absence.

BoS / CSE 16.1 : WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES IN THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Chairman, BoS of the Computer Science and Engineering welcomed and introduced the members of 16th Board of Studies and thanked each one of them for sparing their valuable time to attend the meeting.

BoS / CSE 16.2 : TO CONFIRM THE MINUTES OF 15th BOS MEETING HELD ON 25th June, 2021

The minutes of the **15th Board of Studies meeting** held on 25th June 2021 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 15th Academic council.

➢ **Action Taken Report**

(Enclosed in Annexure I)

BoS/CSE 16.3.1 : **TO CONFIRM** AND APPROVE OF SPECIALIZATION (AI & ML, BLOCK CHAIN TECHNOLOGY) – CURRICULUM, REGULATION REQUIREMENTS FOR B.E CSE PROGRAMME UNDER R2019

RESOLVED TO approve specialization (AI&ML, Block chain technology) – curriculum, regulation requirements for B.E-CSE programme under R2019

BoS/ CSE 16.3.2 : **TO CONFIRM** AND APPROVE OF ADDITIONAL ELECTIVE COURSES FOR M.E-CSE UNDER R2019

RESOLVED TO approve additional elective courses for M.E-CSE under R2019

BoS/ CSE 16.3.3 : **TO CONFIRM** AND APPROVE OF ADDITIONAL ONE CREDIT COURSES FOR B.E-CSE UNDER R2019

RESOLVED TO approve additional one credit courses for B.E-CSE under R2019

BoS/ CSE 16.3.4 : **TO CONFIRM** AND APPROVE OF REFINEMENT OF EXISTING COURSES UNDER R2019

RESOLVED TO approve refinement of existing courses under R2019

BoS/ CSE 16.3.5 : **TO CONFIRM** AND APPROVE OF DETAILED SYLLABUS FOR PRODUCT DEVELOPMENT LABORATORY IN 6th SEMESTER

RESOLVED TO approve detailed syllabus for product development laboratory in 6th semester

BoS/ CSE 16.3.6 : **TO CONFIRM** AND APPROVE OF END SEMESTER EXAMINATIONS IN HYBRID MODE

RESOLVED TO approve end semester examinations in hybrid mode

BoS/CSE 16.4 : **ANY OTHER ITEMS, IF ANY, WITH THE PERMISSION OF THE CHAIRMAN OF THE BOS**

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 continuing Education.

BoS / CSE 16.5 : **SUGGESTIONS GIVEN BY THE BOS MEMBERS**

16.5.1 : List of courses for B.E. specialization in Artificial Intelligence & Machine Learning are appreciated by Anna University nominee and commented that syllabus is fine.

16.5.2 : Anna University nominee suggested that the specialization courses may be taken from PG courses. The same has been followed in Anna University, Chennai.

16.5.3 : One or two NPTEL courses may be mandatory for B.E specialization courses.

16.5.4 : Number of batches for specialization courses may be increased, if student registration is beyond 40, by keeping batch size as 40.

16.5.5 : The syllabus contents for B.E. specialization in blockchain technology may be reduced and revised. The case study and practicals may be included in blockchain technology specialization course

16.5.6 : Two new elective courses such as 19CT28E-Vehicular adhoc networks, 19CT29E-Cloud management and security are introduced in M.E-CSE under R2019. Evaluation pattern of M.E courses and Ph.D course works are discussed

16.5.7 : One credit course, 19CS30L Microprocessor and microcontroller is introduced in the B.E-CSE under R2019. The content of syllabus is appreciated by Industrial expert members.

16.5.8 : Refinement of courses in B.E and M.E under R2019 are presented. In 19CS66C- Product Development Laboratory course, content is 100 % refined as per industrial expectation. In unit 1, customer need identification, target specifications and concept selection and in unit 2, prototyping and demonstration topics are included. Mentor activities and end semester assessments are refined. Theory hour is included to deliver the design thinking concept to

students and practical hours are revised.

16.5.9 : In 19CT20E - Data Science course, Unit 1, 2, 5 contents are refined and statistical concepts and exploratory data analytics concepts are included. 60 % of the course contents are refined.

16.5.10 : In 19CT26E Data Science laboratory course, contents are refined as per theory course refinement and mini project is included. 50% of the course contents are refined.

16.5.11 : In, 19CS51C- Java Programming course, unit 3 and unit 4 contents such as collection framework and swing framework are refined. In this course, 40% of the contents are refined as per new trends in industries.

16.5.12 : In 19CS36C - Software Engineering Methodologies, 19CS15E-Artificial Intelligence, 19CS28L- Python for Machine Learning courses, COs are refined.

16.5.13 : End semester examinations reforms are presented. MCQ section may be removed in the end semester examination pattern and it may be considered for internal assessment. Descriptive0 pattern only may be considered for end semester examination and not hybrid mode.

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

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

a) Specialization (AI & ML, Block chain Technology) – Curriculum, Regulation requirements for B.E CSE programme under R2019.

b) Additional elective courses for M.E-CSE under R2019.

c) Additional one credit courses for B.E-CSE under R2019.

d) Refinement of existing courses.

e) Detailed Syllabus for Product Development Laboratory in 6th Semester.

f) End semester Examinations in hybrid mode

Dr.J.Naskath, Assistant Professor (SG), thanked all the members for their valuable suggestions and cooperation and the meeting came to an end.

Members Present

Dr.V.Gomathi Chairman	V.L. 27/11/2021
Internal Members	
Dr.D.Manimegalai Professor	D.M 27/11/21
Dr.V.Kalaivani Professor	V. Kal. 27/11/2021
Dr.K.Mohaideen Pitchai Associate Professor (SG)	27/11/2021.
Dr.M.Jayalakshmi Associate Professor	27/11/2021
Dr.M.Bhuvaneswari Assistant Professor (SG)	M. 27/11/2021
Dr.J.Naskath Assistant Professor (SG)	J-Nas li 27/11/21.
Ms.R.Rajakumari Assistant Professor (SG)	R 27/11/2021
Mr.D.Vijayakumar Assistant Professor (SG)	Vijaykus 27/11/21
Dr.S.Kalaiselvi Assistant Professor (SG)	27/11/21
Dr.G.Sivakamasundari Assistant Professor (SG)	R-Sivakam 27/11/2021
Ms.G.R.Hemalakshmi Assistant Professor (SG)	G.R.Hemah
Ms.V.Anusuya Devi Assistant Professor(SG)	V. Suvu lui 27-11-2021

Experts attended the meeting Offline	
Industrial Experts	
Mr.Srinivasan Rajendren Service Delivery Manager, Tata Consultancy Services, Chennai.	*R. Srini Pasan* 27/11
Adjunct faculty and Alumni	
Mr.Manikanda Raman Viswanathan Principal Architect, Cognizant Digital Operations, CTS,Chennai.	27/11
Alumni	
Mrs.G.Maria Justin Mary IT-Lead Remedy Application, Honeywell Technology Solutions, Madurai.	27/11/21
Student Members Nominated by the HOD	
Ms. Suji S, III year CSE	
Mr. Narain C A, III year CSE	
Experts attended the meeting Online	
Anna University Nominee	
Dr. K. S. Easwarakumar Professor, Dept. of Computer Science and Engineering, CEG Campus,Anna University, Chennai.	
Academic Experts	
Dr. C.Krishna Mohan Professor & Head, Dept. of Computer Science and Engineering, Indian Institute of Technology Hyderabad, Hyderabad.	
Dr. C. Mala Professor, Dept. of Computer Science and Engineering, National Institute of Technology, Tiruchirappalli,Tiruchirappalli.	
Dr.G.R.Karpagam Professor, Dept. of Computer Science and Engineering, PSG College of Technology,Avinashi Road, Peelamedu, Coimbatore.	
Industrial Experts	
Mr.D.Siddharthan, Delivery Manager, Wipro Technologies Pvt. Ltd, Chennai.	

27/11/2021

CHAIRMAN
BOARD OF STUDIES

Annexure I

Action Taken Report for Minutes of 15th BOS

As per BOS committee suggestions,

- Advanced database technology course content has been revised by including MongoDB, PostgreSQL.

- Comprehension course, Special Interest Group (SIG) category has been revised.

- SQL programming course contents has been revised by including 'Neo4j'.

- The networks related elective courses has been revised

27/11/2021

**CHAIRMAN
BOARD OF STUDIES**