

Department of Information Technology

National Engineering College, K.R.Nagar, Kovilpatti – 628 503.

(An Autonomous Institution - Affiliated to Anna University, Chennai)

www.nec.edu.in

14th Board of studies Meeting in the Department of
Information Technology

Meeting Mode: Through online (GoogleMeet)

Google Meet Link: meet.google.com/yom-hanj-bfz

Date & Time: 17.12.2020 & 10.00 a.m.

Agenda

BoS / IT 14.1	:	Welcome address and Opening Remarks by Chairman, Board of studies in the department of Information Technology
BoS / IT 14.2	:	Confirmation of the Minutes of the 13 th meeting of Board of studies in the department of Information Technology held on 22 nd MAY 2020 and Action taken report of 13 th meeting of Board of studies
BoS / IT 14.3	:	Business brought forward by the Chairman, Board of studies 14.3.1 Remaining Core courses and elective courses for UG degree programmes under R-2019 14.3.2 Additional Elective courses for PG degree programmes under R-2019 14.3.3 One credit courses for UG degree programmes under R-2019 14.3.4 Redefining the comprehensive courses including aptitude and verbal ability to test the employability skills
BoS / IT 14.4	:	Any other items
BoS / IT 14.5	:	Suggestions given by the BoS Members

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F. No. 14.1/NEC/ IT/2020-21

17th Dec, 2020

Dear Sir/Madam,

Sub: *Minutes of the 14th Meeting of the Board of studies in the Information Technology - Reg.*

Kindly find attached herewith the Minutes of the 14th Meeting of Board of studies of the Information Technology of National Engineering College, K.R.Nagar, Kovilpatti – 628503 held on 17thDec, 2020 at 10.00 AM through Google Meet. 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 hodit@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


(Dr.D.Manimegalai)

Department of Information Technology

MINUTES of 14th Meeting of the Board of studies held on
17thDec, 2020 at 10.00 AM

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MINUTES OF THE MEETING

The 14th Meeting of the Board of studies of the Information Technology was held on 17th Dec 2020 at 10.00 AM through Google Meet.

1. The following members were present:

1.	Dr.D.Manimegalai	Chairman
2.	Dr.V.Seenivasagam, Prof. & COE	Internal Members
3.	Dr.B.Paramasivan, Professor	
4.	Dr.R.Muthukumar, Asso. Prof.	
5.	Dr.S.Chidambaram, Asst. Prof. (SG)	
6.	Dr.S.Rajagopal, Asst. Prof. (SG)	
7.	Ms.V.Anitha, Asst. Prof.	
8.	Ms.R.Priyadharshini, Asst. Prof.	
9.	Dr.S.Swamynathan, Professor, Department of Information Science & Technology, Anna University, Chennai.	University Nominee
10.	Dr.P.Yogesh, Professor, Department of Information Science & Technology, Anna University, Chennai.	Academic/Alumni Expert
11.	Dr. Shajulin Benedict, Assistant Professor, Department of Computer Science and Engineering, IIT - Kottayam.	Special Invitee
12.	Dr. Debasis Samanta, Associate Professor Department of Computer Science & Engineering, IIT - Kharagpur.	Special Invitee
13.	Mr.Antony Arravindh, Senior Project Manager, HCL Technologies, Chennai.	Alumni/Industrial Expert
14.	Dr.K.M.Suceendran, General Manager, Tata Consultancy Services, Chennai.	Industrial Expert
15.	Arun Sunder. S, Third year	Student Members
16.	Keerthana. P.J, Third year	

Dr.P.Yogesh, Professor, Department of Information Science & Technology, could not attend the meeting due to unavoidable reasons and was granted leave of absence.

BoS / IT 14.1	:	WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES IN THE DEPARTMENT OF INFORMATION TECHNOLOGY
		The Chairman, BoS of the Information Technology welcomed and introduced the members of 14 th Board of Studies and thanked each one of them for sparing their valuable time to attend the meeting.
BoS / IT 14.2	:	TO CONFIRM THE MINUTES OF THIRTEENTH BOS MEETING HELD ON 22 nd MAY, 2020.
		The minutes of the Thirteenth Board of Studies meeting held on 22 nd May, 2020 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 13 th Academic council. ➤ Action Taken Report (Enclosed in <i>Annexure D</i>)
BoS / IT 14.3.1		TO CONFIRM AND APPROVE THE REMAINING CORE COURSES AND ELECTIVE COURSES FOR UG DEGREE PROGRAMMES UNDER R-2019
		RESOLVED TO approve the remaining core courses and elective courses for UG degree programmes under r-2019
BoS / IT 14.3.2		TO CONFIRM AND APPROVE ADDITIONAL ELECTIVE COURSES FOR PG DEGREE PROGRAMMES UNDER R-2019
		RESOLVED TO approve Additional Elective courses for PG degree programmes under R-2019
BoS / IT 14.3.3		TO CONFIRM AND APPROVE ONE CREDIT COURSES FOR UG DEGREE PROGRAMMES UNDER R-2019
		RESOLVED TO approve One credit courses for UG degree programmes under R-2019
BoS / IT 14.3.4		TO CONFIRM AND APPROVE THE COMPREHENSIVE COURSES INCLUDING APTITUDE AND VERBAL ABILITY TO TEST THE EMPLOYABILITY SKILLS
		RESOLVED TO approve the comprehensive courses including aptitude and verbal ability to test the employability skills
BoS / IT 14.4	:	ANY OTHER ITEMS, IF ANY, WITH THE PERMISSION

		OF THE CHAIRMAN OF THE BOS
		NEC Innovation and Startup Policy (NEC-ISP) 2020 and a one credit course on Innovation through design thinking were also approved by all members. They also congratulated the faculty members for their team efforts towards continuing Education.
BoS / IT 14.5	:	SUGGESTIONS GIVEN BY THE BOS MEMBERS
14.5.1	:	Latest edition and recent year books under text and reference materials must be included. Web references from NPTEL and Coursera etc., must be included.
14.5.2	:	Each unit must comprise at least three to four lines of detailed topics. Intermediate topics must also be added under each unit.
14.5.3	:	Course Outcomes must be reframed with proper keywords.
14.5.4	:	In <i>Bio informatics</i> Case study on healthcare may be added. Bio informatics tools may be added under Unit V.
14.5.5	:	<i>Data Warehousing and Data Mining</i> New data warehousing and mining tools (ETL tools) may be added under Unit V. Open source software products like RapidMiner and others may be included.
14.5.6	:	In <i>Cloud Computing</i> Unit IV may include topics related to Security. Unit V may include applications, Case studies and tools like Open Stack, AWS, Role of VMWare etc.,
14.5.7	:	In <i>GPU Computing</i> Content may include NVIDIA Processor. Laboratory component may be added.
14.5.8	:	Syllabus may be reframed for the <i>Theory of Computation</i> One credit course by referring to any standard syllabus.
14.5.9	:	Open elective course <i>Virtual and Augmented Reality</i> should be given as a programme elective (department)

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

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

- a) Remaining Core courses and elective courses for UG degree programmes under R-2019
- b) Additional Elective courses for PG degree programmes under R-2019
- c) One credit courses for UG degree programmes under R-2019
- d) Redefining the comprehensive courses including aptitude and verbal ability to test the employability skills

Dr.S.Chidambaram, Asst. Prof. (SG), thanked all the members for their kind cooperation and the meeting came to an end.

Members Present Online:

1.	Dr.D.Manimegalai, Prof & Head ,Board Chairman	Chairman
2.	Dr.V.Seenivasagam, Prof. & COE	Internal Members
3.	Dr.B.Paramasivan, Professor	
4.	Dr.R.Muthukkumar, Asst. Prof. (SG)	
5.	Dr.S.Chidambaram, Asst. Prof. (SG)	
6.	Dr.S.Rajagopal, Asst. Prof. (SG)	
7.	Ms.V.Anitha, Asst. Prof.	
8.	Ms.R.Priyadharshini, Asst. Prof.	University Nominee
9.	Dr.S.Swamynathan, Professor, Department of Information Science &Technology, Anna University, Chennai.	
10.	Dr.P.Yogesh, Professor, Department of Information Science &Technology, Anna University, Chennai.	Academic Experts
11.	Dr. Shajulin Benedict, Assistant Professor, Department of Computer Science and Engineering, IIIT - Kottayam.	Special Invitee
12.	Dr. Debasis Samanta, Associate Professor Department of Computer Science & Engineering, IIT - Kharagpur.	

13.	Mr.Antony Arravindh, Senior Project Manager, HCL Technologies, Chennai.	Industrial Experts and Alumni
14.	Dr.K.M.Suceendran, General Manager, Tata Consultancy Services, Chennai.	Industrial Expert
15.	Arun Sunder. S, Third year	Student Members
16.	Keerthana. P.J, Third year	

D.M

**CHAIRMAN
BOARD OF STUDIES**

ANNEXURE I

Actions taken for Minutes of 13th BoS Meeting

As per BOS Committee suggestion,

- Examinations for additional courses handled during the lockdown period may be conducted with adequate time gap from examinations of regular courses.
- Viva voce for Project Work may be conducted online as per the recommendations of Anna University, Chennai.
- Sufficient period of time may be given to students of rural area who are lagging in digital learning facilities.



CHAIRMAN

BOARD OF STUDIES

14th BOARD OF STUDIES MEETING – DEPARTMENT OF IT ON 17.12.2020

The screenshot displays a Google Meet interface during a meeting. The browser address bar shows the URL <https://meet.google.com/yomi-hanj-bfz>. A 'REC' indicator is visible in the top left corner. The main area shows a grid of video feeds for participants. One participant, 'Antony Arravindh', is highlighted with a green bar at the bottom of his video feed. The right sidebar shows the meeting title '14TH BOS MEETING - DEPARTME...', a 'People (16)' list, and a 'Chat' window. The 'IN CALL' list includes the following participants: Muthu Kumar R (You), anitha IT, Antony Arravindh, ARUN SUNDER S, B Paramasivan, chidambaram S, coe coe, Debasis Samanta, Dr.Shajulin Benedict, and hod it. The Windows taskbar at the bottom shows the search bar and various application icons. The system tray in the bottom right corner displays the time as 09:51 and the date as 17-12-2020.

REC

Swamynathan Sankaranara... Debasis Samanta Tamil Selvi S hod it Dr.Shajulin Benedict

chidambaram S sankar mech hod it ARUN SUNDER S B Paramasivan

KEERTHANA PJ it2018 coe coe Priyadharshini IT

14TH BOS MEETING - DEPARTME... X

People (14) Chat

Add people

IN CALL

Muthu Kumar R (You)	[Microphone icon]	[Pin icon]
ARUN SUNDER S	[Microphone icon]	[More icon]
B Paramasivan	[Microphone icon]	[More icon]
chidambaram S	[Microphone icon]	[More icon]
coe coe	[Microphone icon]	[More icon]
Debasis Samanta	[Microphone icon]	[More icon]
Dr.Shajulin Benedict	[Microphone icon]	[More icon]
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KEERTHANA PJ it2018	[Microphone icon]	[More icon]

14TH BOS MEETING - DEPAR... ^

[Microphone icon] [Phone icon] [Screen share icon] [Raise hand icon] [Turn on captions icon] [Present now icon]