

DEPARTMENT OF SCIENCE AND HUMANITIES

MINUTES of 5th Meeting of the Board of studies held on
16th July 2022 at 10.00 am

Venue: Seminar Hall, Department of Science and Humanities
National Engineering College, K.R.Nagar, Kovilpatti

Online Meet: Cisco Webex

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

NATIONAL ENGINEERING COLLEGE, K.R.NAGAR, KOVILPATTI – 628 503
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5th Board of Studies Meeting in the Department of
SCIENCE AND HUMANITIES

Venue: Seminar Hall, Department of Science and Humanities
National Engineering College, K.R.Nagar, Kovilpatti – 628 503

Cisco WebexLink:

<https://nec4962.webex.com/nec4962/j.php?MTID=m9c2c0276e245726bf288e0f1de9ab411>

Date & Time: 16.07.2022& 10.00 AM

AGENDA

S & H /BoS 5.1	:	Welcome address and Opening Remarks by Chairman, Board of studies, Department of Science and Humanities.
S & H / BoS 5.2	:	Confirmation of the Minutes of the 4 th meeting for the first year UG Degree Programmes in the Department of Science and Humanities held on November 23 rd , 2018
S & H / BoS 5.3	:	Business brought forward by the Chairman, Board of studies 5.3.1. First year Curriculum and Syllabi of B.Tech. – Artificial Intelligence and Data Science under R-2019
S & H / BoS 5.4	:	Transdisciplinary courses
S & H / BoS 5.5	:	Suggestions given by the BoS Members

National Engineering College, K.R.Nagar, Kovilpatti – 628 503
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F. No. 1-1/NEC/S & H

16th July 2022

Dear Sir/Madam,

Sub: Minutes of the 5th Meeting of the Board of studies in Science and Humanities-Reg.

Kindly find the attachment herewith the Minutes of the 5th Meeting of Board of studies, Department of Science and Humanities, National Engineering College, K.R.Nagar, Kovilpatti – 628 503 held on 16th July 2022 at 10.00 AM in the Seminar Hall of Department of Science and Humanities.

It is requested that comments on the Minutes, if any, may please be sent by email at hodsh@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.M.A.Neelakantan

MINUTES OF THE MEETING

The 5th Meeting of the Board of studies of the Science and Humanities was held on 16th July 2022 at 10.00 AM through Cisco Webex online meet of the National Engineering College, K.R.Nagar, Kovilpatti – 628 503

1. The following members were present:

Dr.M.A.Neelakantan Professor & Head	CHAIRMAN
Dr.S. Thalamuthu, Asso.Professor/Chemistry	INTERNAL MEMBERS
Dr.S.Geetha, AP (SG) / Mathematics	
Dr.P.Gomathy, AP (SG) / Physics	
Mrs.S.Rajeswari, AP/Mathematics	
Mrs.M.Annapooopathi, AP/Mathematics	
Dr.S.Chithirai Kumar, AP / Chemistry	
Mr.S.Subash, AP/English	
Dr.A.Nichelson, AP/Physics	
Dr.B.Annaraj, AP / Chemistry	
Ms.S.Thangam, AP / English	
Dr. S. Sanjeevi, Professor, Department of Geology, Anna University, Chennai.	UNIVERSITY NOMINEE
Dr. S.P. Dhanavel, Professor, Department of English, Indian Institute of Technology Madras, Chennai.	ACADEMIC EXPERTS
Dr. N. Rajendran, Professor and Head, Department of Chemistry, Anna University, Chennai.	
Dr. N. Gopalakrishnan, Professor, Department of Physics, National Institute of Technology, Tiruchirapalli.	
Dr. V. Lakshmana Gomathi Nayagam, Associate Professor, Department of Mathematics, National Institute of Technology, Tiruchirapalli.	
Mr.Brijesh Tangi, Specialist Engineer, Canadian National Rail, Canada.	Meritorious Alumnus Nominated by the Principal

Mr. S. Rathina Kumar, Kavitha Match Industries, Manufacturing and Exporters of safety matches, Kovilpatti.	Industrial Expert
Ms.M. Karpagalakshmi , Final year IT	Student Members Nominated by the HOD
Mr.S.Suriya Manikandan, III year ECE	

S & H / BoS 5.1:	Welcome address and Opening Remarks by Chairman, Board of Studies in the Department of Science and Humanities. The Chairman BoS of the Science and Humanities welcomed and introduced the Members of the 5 th Board of Studies and thanked each one of them for sparing their valuable time for attending the meeting.
S & H / BoS 5.2:	TO CONFIRM THE MINUTES OF FOURTH BOS MEETING HELD ON NOVEMBER 23 rd 2018 The minutes of the Fourth Board of Studies meeting held on November 23 rd 2018 was communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 17 th Academic council.
S & H / BoS 5.3:	TO CONFIRM AND APPROVE the syllabi of the first year UG degree programme (Based on OBE & CBCS) B.Tech. – Artificial Intelligence and Data Science to be offered under R-2019. RESOLVED TO APPROVE the syllabi of the first year UG degree programme (BASED ON OBE & CBCS) B.Tech. – Artificial Intelligence and Data Science to be offered under R-2019 ➤ <u>R-2019 B.Tech. – AI & DS Syllabi</u> (Enclosed in Annexure)
S & H / BoS 5.4:	TO CONFIRM AND APPROVE the syllabi of transdisciplinary courses 1) Impact of Social Media on Society 2) Soft Skills and Interpersonal Communication are to be offered under R-2019. RESOLVED TO APPROVE the syllabi of transdisciplinary courses 1) Impact of Social Media on Society 2) Soft Skills and Interpersonal Communication are to be offered under R-2019.

S & H / BoS 5.5:	SUGGESTIONS GIVEN BY THE BOS MEMBERS
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	Suggestions	Action Taken
5.5.1	English	
	<ul style="list-style-type: none"> ▪ It was advised to change the title COs into Units ▪ Suggestions were given to change the topic from 'PowerPoint Presentation' into Making Presentations or Practicing Presentation Skills. 	<ul style="list-style-type: none"> ▪ As per the suggestions, the title COs was changed into Units ▪ The title was changed into 'Making Presentations'
5.5.2	Mathematics	
	<ul style="list-style-type: none"> ▪ It was suggested to add reference book for Statistics. ▪ It was advised to change the title COs into Units ▪ Suggestions were given to pay attention on application – oriented contents in the syllabus 	<ul style="list-style-type: none"> ▪ "<i>Mathematical Statistics with Applications by John E. Freund's</i>" has been added as a reference book in the second semester. ▪ As per the suggestions, the title COs were changed into Units ▪ Case Study on sampling theory has been included.
5.5.3	Physics	
	<ul style="list-style-type: none"> ▪ It was suggested to change the "References" as "Reference Books" ▪ It was advised to include the logic gates experiment ▪ It was suggested to change the title of the subject "Physics for Information Science" 	<ul style="list-style-type: none"> ▪ The title "References" changed as "Reference Books" ▪ An experiment entitled 'Study of Logic Gates using Transistors' has been included. ▪ The title has been changed into 'Principles of Digital Electronics'
5.5.4	Chemistry	
	<ul style="list-style-type: none"> ▪ It was advised to change the subject title "Chemistry and Life Science". ▪ It was suggested to change the title of the laboratory course from "Biochemistry lab" into "Chemistry lab" 	<ul style="list-style-type: none"> ▪ The title has been changed to "Chemistry for Artificial Intelligence and Data Science" ▪ The title has been changed into "Chemistry Lab".
5.5.5	Transdisciplinary Courses	
	<ul style="list-style-type: none"> ▪ It was informed to change the preposition in the title "Impact of Social Media in Society". 	<ul style="list-style-type: none"> ▪ The title is changed as "Impact of Social Media on Society".




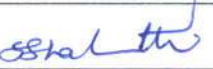



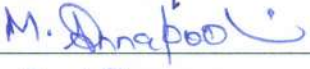

The members had a brainstorming discussion and interaction among themselves. After discussion, fruitful suggestions were incorporated appropriately in the Curriculum and Syllabi.

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

- a) The Curriculum and Syllabi for B.Tech. – AI & DS degree programme offered under Regulations 2019.

Dr.S.Geetha, Assistant Professor (SG) / Mathematics thanked all the members for their kind cooperation and the meeting came to an end.

Members Present

CHAIRMAN		
1.	Dr.M.A.Neelakantan Professor & Head	 16.7.22
ACADEMIC EXPERT		
2.	Dr. N. Rajendran, Professor and Head, Department of Chemistry, Anna University, Chennai.	 16/07/22
INDUSTRIAL EXPERT		
3.	Mr. S. Rathina Kumar Kavitha Match Industries Manufacturing and Exporters of safety matches Kovilpatti	
INTERNAL MEMBERS		
4.	Dr.S. Thalamuthu Asso.Professor / Chemistry	
5.	Dr.S.Geetha AP (SG) / Mathematics	
6.	Dr.P.Gomathy , AP (SG) / Physics	
7.	Mrs.S.Rajeswari, AP/Mathematics	
8.	Mrs.M.Annapooathi, AP/Mathematics	
9.	Dr.S.Chithirai Kumar, AP / Chemistry	

10.	Mr.S.Subash AP/English	<i>S. Subash</i>
11.	Dr.A.Nichelson AP/Physics	<i>A. Nichelson</i>
12.	Dr.B.Annaraj, AP / Chemistry	<i>B. Annaraj</i>
13.	Ms.S.Thangam,AP / English	<i>S. Thangam</i>
STUDENT MEMBERS		
14.	Ms.M. Karpagalakshmi , Final year IT	<i>Karpagalakshmi</i>
15.	Mr.Suriya Manikandan, III yearECE	<i>Suriya Manikandan</i>
ACADEMIC EXPERT MEMBERS ATTENDED THE MEETING BY ONLINE		
16.	Dr. S. Sanjeevi, Professor, Department of Geology, Anna University, Chennai	UNIVERSITY NOMINEE
17.	Dr. S.P. Dhanavel, Professor, Department of English, Indian Institute of Technology Madras, Chennai	ACADEMIC EXPERTS
18.	Dr. V. Lakshmana Gomathi Nayagam, Associate Professor, Department of Mathematics, National Institute of Technology, Tiruchirapalli	
19.	Dr. N. Gopalakrishnan Professor, Department of Physics, National Institute of Technology, Tiruchirapalli	
20.	Mr.Brijesh Tangi Specialist Engineer Canadian National Rail Canada	Meritorious Alumnus

[Signature]
16.7.22

**CHAIRMAN
BOARD OF STUDIES**