



# EXCEL ENGINEERING COLLEGE (Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Accredited by NBA and NAAC with "A+" and Recognized by UGC(2f&12B)  
KOMARAPALAYAM - 637303

## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE FOURTH BOARD OF STUDIES MINUTES OF MEETING

**Meeting No** : EEC/AI&DS/BoS/4

**Date** : 29.03.2023

**Time** : 2.00 PM

**Venue** : TVR Hall

### **Agenda:**

B.Tech.- AI&DS.4.1 To discuss and pass the syllabus of VII to B.Tech. Artificial Intelligence and Data Science programme for the students admitted from the academic year 2020 – 21 onwards under Regulation 2020.

B.Tech. - AI&DS.4.2 To discuss and pass the courses for B.Tech.(Honours) specialization in the same discipline and B.Tech.(Honours) for the students admitted from the academic year 2021-22 onwards under Regulation 2020/V2.

B.Tech. - AI&DS.4.3 To discuss and pass the curriculum and syllabi of Minor Degree programme in **Artificial Intelligence** for the students admitted from the academic year 2021 – 22 onwards under Regulation 2020/V2.

B.Tech. - AI&DS.4.4 To discuss and pass the curriculum of B.Tech. Artificial Intelligence and Data Science for the students admitted from the academic year 2023 – 24 onwards under Regulation 2023.

B.Tech. - AI&DS.4.5 To discuss and pass the first year syllabi of B.Tech.Artificial Intelligence and Data Science for the students admitted from the academic year 2023 – 24 onwards under Regulation 2023.

B.Tech. - AI&DS.4.6 Any other matters.

## Resolutions

**B.Tech-AI&DS.R.4.1.** It is resolved that the syllabus of VII Semester to B.Tech.Artificial Intelligence and Data Science programme for the students admitted from the academic year 2020 – 21 onwards under Regulation 2020 may be passed with the following changes.

### Semester- VII

RECOMMENDATION	RESOLUTION
<b>B.Tech-AI&amp;DS.4.1.1</b> Dr.T.SenthilKumar suggested decrease the number of subjects in 7th sem.	<b>B.Tech-AI&amp;DS.R.4.1.1.</b> Recommendation forwarded to Standing Committee.
<b>B.Tech-AI&amp;DS.4.1.2.</b> Dr.T.SenthilKumar suggested Move Unit-5 into 3 <sup>rd</sup> Unit & 3 <sup>rd</sup> Unit will split 2 Units 3 & 4 and include Transformal model in the syllabus in the Deep Learning subject.	<b>B.Tech-AI&amp;DS.4.1.2.</b> As per the suggestions Transformal Model is included in the course content and also Moved Unit-5 into 3 <sup>rd</sup> Unit & 3 <sup>rd</sup> Unit splitted into 2 Units as Unit 3 & 4.
<b>B.Tech-AI&amp;DS.4.1.3</b> Dr.T.SenthilKumar insisted to verify latest edition for the course on Software Testing and Quality Assurance	<b>B.Tech-AI&amp;DS.4.1.3.</b> Latest Edition Text Book is changed instead of old edition.

**B.Tech-AI&DS.R.4.2** It is resolved to pass the courses for B.Tech.(Honours) Specialization in the same discipline and B.Tech.(Honours) for the students admitted from the academic year 2021-22 onwards under Regulation 2020/V2.

RECOMMENDATION	RESOLUTION
<b>B.Tech-AI&amp;DS.R.4.2.1</b> Dr.T.SenthilKumar recommended include Practical component in the Elective course, if possible.	<b>B.Tech-AI&amp;DS.R.4.2.1</b> Recommendation forwarded to Standing Committee.
<b>B.Tech-AI&amp;DS.R.4.2.2</b> Dr.T.SenthilKumar suggested for include Employability Enhancement Courses	<b>B.Tech-AI&amp;DS.R.4.2.2</b> As per Suggestion included Employability Enhancement Courses.

**B.Tech-AI&DS.R.4.3** it is resolved to pass the curriculum and syllabi of Minor Degree programme in Engineering for the students admitted from the academic year 2021 – 22 onwards under Regulation 2020 / V2 with the following changes.

RECOMMENDATION	RESOLUTION
<b>B.Tech-AI&amp;DS.4.3.1.</b> Dr. Santhi Baskaran suggested to include the topic related to AI for Unit 4 & 5 in Python Programming course.	<b>B.Tech-AI&amp;DS.R.4.3.1.</b> Topics included the topic related to AI for Unit 4 & 5 in Python Programming course as per suggestion.

**B.Tech-AI&DS.R.4.4.** It is resolved to pass the curriculum of B.Tech Artificial Intelligence and Data Science for the students admitted from the academic year 2023 – 24 onwards under Regulation 2023 with the following changes.

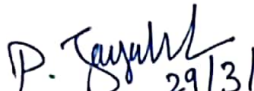
<b>B.Tech-AI&amp;DS.4.4.1.</b> Dr.T.SenthilKumar recommended to move Design and Analysis of Algorithm course from 2 <sup>nd</sup> semester to 3 <sup>rd</sup> semester	<b>B.Tech-AI&amp;DS.4.4.1.</b> Changes incorporated in the curriculum as per recommendations.
<b>B.Tech-AI&amp;DS.4.4.2.</b> Dr.E.Poovammal suggested to change title R Programming Laboratory into Data Science Laboratory	<b>B.Tech-AI&amp;DS.4.4.2.</b> R programming Laboratory title has been changed to Data Science as per the suggestion.
<b>B.Tech-AI&amp;DS.4.4.3.</b> Dr.E.Poovammal recommended to include Natural Language Processing in the curriculum.	<b>B.Tech-AI&amp;DS.4.4.3.</b> As per the recommendation included Natural Language Processing in the curriculum.
<b>B.Tech-AI&amp;DS.4.4.4.</b> Dr. Santhi Baskaran recommended to change the cloud computing services course to Mobile Application Development.	<b>B.Tech-AI&amp;DS.4.4.4.</b> Mobile Application Development course included instead of cloud computing services course as per the recommendation.
<b>B.Tech-AI&amp;DS.4.4.5.</b> Dr.E.Poovammal suggested to include Full Stack Development course as one credit course.	<b>B.Tech-AI&amp;DS.4.4.5.</b> Full stack development course included as per the suggestion.
<b>B.Tech-AI&amp;DS.4.4.6.</b> Dr. Santhi Baskaran recommended to include Big Data Analytics in the curriculum	<b>B.Tech-AI&amp;DS.4.4.6.</b> Big Data Analytics course included in the curriculum.


**B.Tech-AI&DS.R.4.5.** It is resolved to pass the First Semester syllabi of B.Tech Artificial Intelligence and Data Science for the students admitted from the academic year 2023 – 24 onwards under Regulation 2023.

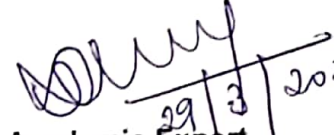
B.Tech-AI&DS.R.4.6. It is resolved to pass the seventh semester of B.Tech Artificial Intelligence and Data Science syllabi to incorporate seminar course in the curriculum for the students admitted from the academic year 2023 – 24 onwards under Regulation 2023.

It is resolved that all the revisions and recommendation has been incorporated in the curriculum and syllabus

  
29/3/23  
University Nominee

  
29/3/23  
Chairman - Board of Studies  
P. JAYAPRABHA

  
29/3/23  
(DR. E. POOJAMMA)

  
29/3/2023  
Academic Expert  
(Dr. T. Senthil Kumar)

  
29/03/23  
Principal



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

FOURTH BOARD OF STUDIES MEETING

## Members Present

S.No.	Name and Affiliation	Designation	Signature
1.	Prof. P.Jayaprabha Head of the Department	Chairman	P. Jayaprabha
2.	Dr. Santhi Baskaran Professor and Head Department of Information Technology Pondicherry Engineering College Puducherry - 605014	University Nominee	Dr. Santhi Baskaran 29/3/23
3.	Dr.E.Poovammal, Professor, Department of Computer Science and Engineering, SRM Institute of Science and Technology, Kattankulathur - 603203.	Academic Expert	Dr. E. Poovammal 29/3/23
4.	Dr.T.SenthilKumar, Associate Professor, Department of Computer Science and Engineering, Amirta Vishwa Vidyapeetham, Coimbatore-641112.	Academic Expert	Dr. T. Senthil Kumar 29/3/2023
5.	Mr.S.Sarath Chandar, General Manager-HR, Vaken Technologies (P) Ltd., No.35, Kanathur Reddy Kuppam, Chengleput, Kancheepuram - 603112.	Expert Member (Industry)	- ABSENT -
6.	Mr.Girish Madhavan, CEO, Quadsel Systems Pvt Ltd., No.1, Lake Area 1 <sup>st</sup> Main Road, Nungambakkam, Chennai - 600034	Expert Member (Industry)	- ABSENT -
7.	Ms.V.Ramya Assistant Professor	Member	V. Ramya 29/3/23
8.	Mr.N.Nandakumar Assistant Professor	Member	N. Nandakumar 29/3/2023
9.	Ms.A.Yasmin Assistant Professor	Member	A. Yasmin 29/3/23

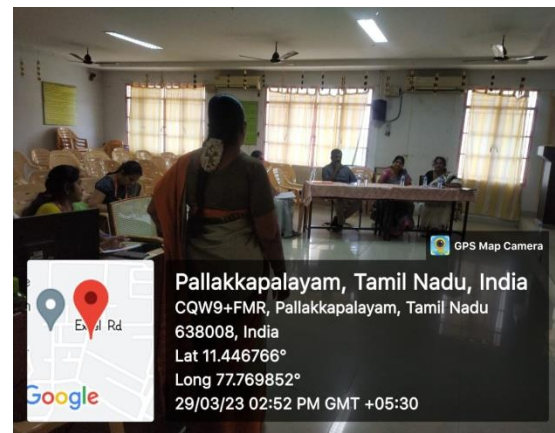
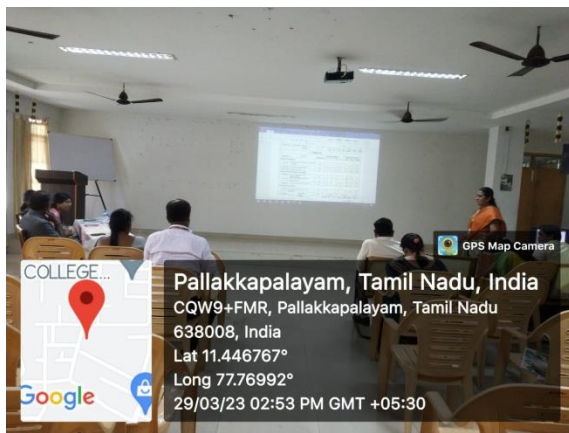
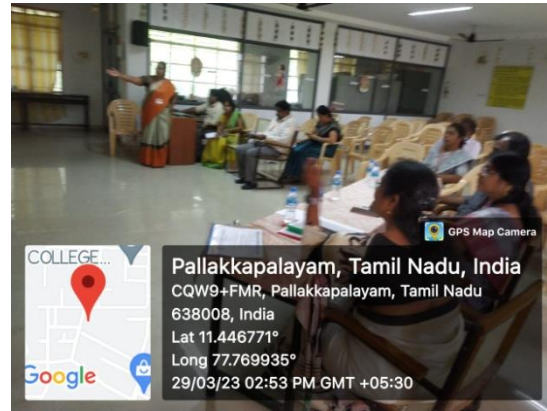
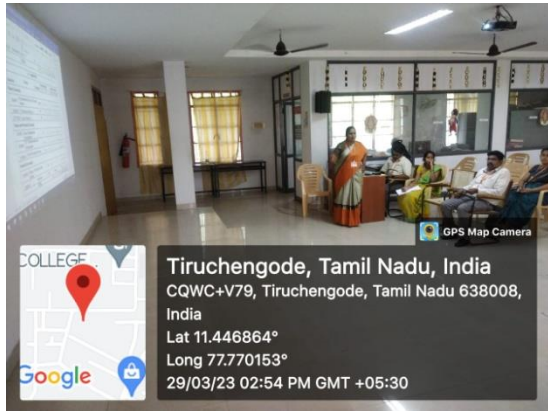
10.	Ms.P.Keruthika Assistant Professor	Member	P. Keruthika
11.	Ms.N.Nafisa Parveen Assistant Professor	Member	N. Nafisa Parveen
12.	Ms.C.Pavithra Assistant Professor	Member	Pavi
13.	Ms.M.Geetha Assistant Professor	Member	M. Geetha
14.	Mr.T.Premkumar Assistant Professor	Member	T. Premkumar
15.	Mr.D.Kavinkumar Assistant Professor	Member	D. Kavi
16.	Mr.M.Sudhanantham Assistant Professor	Member	M. Sudhanantham
17.	Mr.E.V.Rajkumar Assistant Professor	Member	E.V. Rajkumar
18.	Mr.V.Rajkumar Assistant Professor	Member	V. Rajkumar
19.	Mr.D.Karthikeyan Assistant Professor	Member	D. Karthikeyan
20.	Mr.B.Manikandan Assistant Professor	Member	B. Manikandan
21.	Ms.E.Keerthi Assistant Professor.	Member	E. Keerthi

P. Gopinath

Chairman - Board of Studies

29/03/23  
Principal

## Fourth BOS Meeting Held @ TVR Hall on 29.3.2023





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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

## FIFTH BOARD OF STUDIES

### MINUTES OF MEETING

**Meeting No** : EEC/2023-24/AI&DS/BoS/05  
**Date** : 13.12.2023  
**Time** : 2.00 PM  
**Venue** : Thiruvalluvar Hall A/C, A1 Block

### AGENDA

- B.Tech.-AI&DS.5.1** To discuss and pass the syllabus of VIII Semester B.Tech. Artificial Intelligence and Data Science Programme for the students admitted from the Academic year 2020 – 21 onwards under Regulation 2020.
- B.Tech.-AI&DS.5.2** To discuss and pass syllabus of (20AIM03 and 20AIM04) Minor Degree Programme in **Artificial Intelligence** for the students admitted from the Academic year 2021 – 22 onwards under Regulation 2020/V2.
- B.Tech.-AI&DS.5.3** To discuss and pass the First year II Semester Syllabus (23AI201, 23AI202 and 23AI203) of B.Tech. Artificial Intelligence and Data Science for the students admitted from the Academic year 2023 – 24 onwards under Regulation 2023.
- B.Tech.-AI&DS.5.4** Any other matters.



## Resolutions

**B.Tech-AI&DS.R.5.1.** It is resolved that the syllabus of VIII Semester to B.Tech.Artificial Intelligence and Data Science programme for the students admitted from the academic year 2020 – 21 onwards under Regulation 2020 with the following changes.

### Semester - VIII

RECOMMENDATION	RESOLUTION
<b>B.Tech-AI&amp;DS.5.1.1.</b> Dr.K.John Singh, suggested to allocate more weightage for Conference, Journal and Patent Publication.	<b>B.Tech-AI&amp;DS.R.5.1.1.</b> As per the suggestion weightage for the publications were forwarded to Academic Council.

**B.Tech-AI&DS.R.5.2.** It is resolved that the syllabus of (20AIM03 and 20AIM04) Minor Degree programme in Artificial Intelligence for the students admitted from the academic year 2021 – 22 onwards under Regulation 2020/V2 with the following changes.

RECOMMENDATION	RESOLUTION
<b>B.Tech-AI&amp;DS.5.2.1.</b> Dr.C.Sathiya Kumar suggested to include the topic related to CYK for NLP in Unit IV.	<b>B.Tech-AI&amp;DS.R.5.2.1.</b> Changes were incorporated in the syllabus as per the suggestion.
<b>B.Tech-AI&amp;DS.5.2.2.</b> Dr.K.John Singh suggested to include text book for Unit I.	<b>B.Tech-AI&amp;DS.R.5.2.2.</b> Changes were incorporated in the syllabus as per the suggestion.
<b>B.Tech-AI&amp;DS.5.2.3.</b> Dr.C. Sathiya Kumar suggested to change spelling for intersect point detection of Unit I in Computer Vision.	<b>B.Tech-AI&amp;DS.R.5.2.3.</b> Changes were incorporated in the syllabus as per the suggestion.
<b>B.Tech-AI&amp;DS.5.2.4.</b> Mr.G.Venkatachalam suggested to reduce the topics in Unit V of Computer Vision.	<b>B.Tech-AI&amp;DS.R.5.2.4.</b> Changes were incorporated in the syllabus as per the suggestion.
<b>B.Tech-AI&amp;DS.5.2.5.</b> Dr.C. Sathiya Kumar suggested to remove the word review from the Unit I first topic of computer vision.	<b>B.Tech-AI&amp;DS.R.5.2.5.</b> Changes were incorporated in the syllabus as per the suggestion.

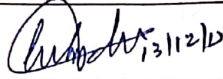

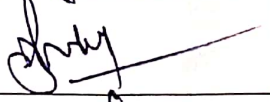
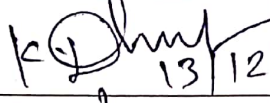

**B.Tech-AI&DS.R.5.3.** It is resolved that the First year II Semester Syllabus (23AI201, 23AI202 and 23AI203) of B.Tech. Artificial Intelligence and Data Science for the students admitted from the Academic year 2023 – 24 onwards under Regulation 2023 with the following changes.

## Semester - II

<b>B.Tech-AI&amp;DS.5.3.1.</b> Dr.K.John Singh suggested to replace Programming and Data Structure to Programming in C and Data Structure as subject title.	<b>B.Tech-AI&amp;DS.R.5.3.1.</b> Changes were incorporated in the syllabus as per suggestion.
<b>B.Tech-AI&amp;DS. 5.3.2.</b> Dr.K.John Singh suggested to replace looping statement to control statement in Unit I of Programming and Data Structure.	<b>B.Tech-AI&amp;DS.R.5.3.2.</b> As per the suggestion changes were incorporated.
<b>B.Tech-AI&amp;DS. 5.3.3.</b> Prof.G.Venkatachalam. suggested to replace storage classes from Unit II to Unit I of Programming and Data Structure.	<b>B.Tech-AI&amp;DS.R.5.3.3.</b> As per the suggestion topic were replaced.
<b>B.Tech-AI&amp;DS. 5.3.4.</b> Prof.C Sathiya Kumar suggested to include specific sub topics under functions topic of the subject Programming and Data Structure.	<b>B.Tech-AI&amp;DS.R.5.3.4.</b> As per the suggestion topic were added.
<b>B.Tech-AI&amp;DS. 5.3.5.</b> Dr.C Sathiya Kumar suggested swapping the third book as first book in references.	<b>B.Tech-AI&amp;DS.R.5.3.5.</b> As per suggestion changes were carried out.
<b>B.Tech-AI&amp;DS. 5.3.6.</b> Prof.G.Venkatachalam suggested to use common pattern either hyphen or comma to separate topics in the syllabus.	<b>B.Tech-AI&amp;DS.R.5.3.6.</b> As per suggestion changes were carried out.
<b>B.Tech-AI&amp;DS. 5.3.7.</b> Dr.C Sathiya Kumar suggested to change the title of the topic concept of file to overview of file in Unit IV of Operating Systems.	<b>B.Tech-AI&amp;DS.R.5.3.7.</b> As per suggestion changes were carried out.

**B.Tech-AI&DS.R.5.4.** Any other matters.

It is resolved that all the revisions and recommendation has been incorporated as per suggesstions.

S.No	Name of the Member	Designation	Signature
1	Mr.G.Venkatachalam	University Nomin ee	 13/12/23
2	Dr.K.Johnsingh	Subject Expert	 13/12/23
3	Dr.C.Sathiya Kumar	Subject Expert	
4	Mr.K.Dhevendhiran	Industry Expert	 13/12/23
5	Mr.V.Lakshmana Narayanan	Industry Expert	

  
13.12.23  
Chairman - Board of Studies

  
13/12/23  
Principal



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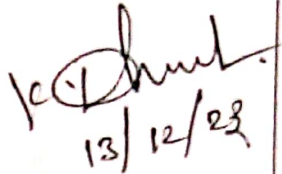

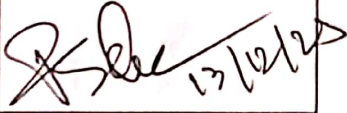
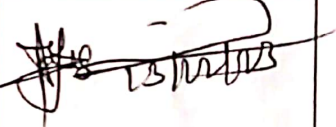
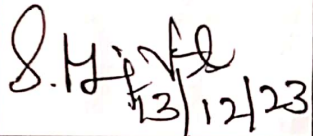
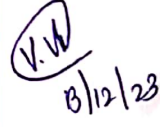
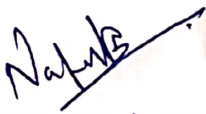
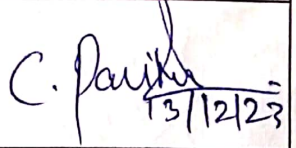

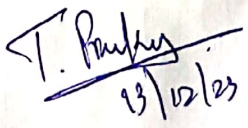
**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**




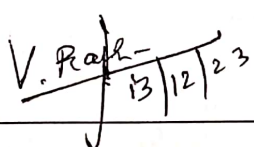
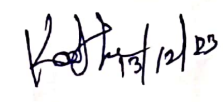

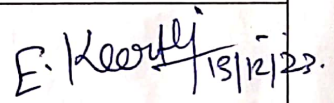
**FIFTH BOARD OF STUDIES MEETING**

**Members Present**

**Date: 13.12.2023**

S. No.	Name and Affiliation	Designation	Signature
1.	Prof.P.Jayaprabha, Head of the Department, Excel Engineering College (Autonomous), Komarapalayam Taluk, Namakkal DT - 637 303 eecaihod@excelcolleges.com 9976723593	Chairman	
2.	Prof.G.Venkatachalam, Associate Professor, Department of CSE, Government College of Engineering, Erode-638316 geeveelog@gmail.com Mobile No.:9865934445	University Nominee	 13/12/23
3.	Dr.K.John Singh, Professor, School of Computer Science Engineering and Information Systems, Vellore Institute of Technology, Vellore 632014. johnsinghaj@yahoo.com Mobile No.:9442451035	Academic Expert	 13/12/23
4.	Dr.C Sathiya Kumar, Associate Professor Senior Grade, Department of Computational Intelligence, School of Computer Science and Engineering, Vellore Institute of Technology, Vellore 632014. sathiyakumar.c@vit.ac.in Mobile No.:9894650401	Academic Expert	 13/12/23
5.	Mr.V.Lakshmana Narayanan, Senior Manager, Training and Development, Guvi Geek Networks Pvt Ltd. Chennai - 600113 lakshmana@guvi.in Mobile No.: 77088 70820	Industry Expert	 13/12/23

6.	Mr.K.Dhevendhiran , HR Manager, Mobitech Wireless Solutions Private Limited,Erode-638052. kdhevendhiran@gmail.com Mobile:9677631759	Industry Expert	 13/12/23
7.	Er.S.Dhaksinamoorthy, Senior Software Developer (nav/bc), Preludesys India Private Ltd, Chennai- 603103 contact.dhakshina@gmail.com Mobile: 8248009842	Alumni	
8.	Er.M.Ranjithkumar, Senior Design Verification Engineer, Edveon Technologies, Chennai- 600130 mranjithkumar.ei@gmail.com Mobile: 6369752702	Alumni	— Absent —
9.	Dr.P.Selvaraju Associate Professor	Member	 13/12/23
10.	Ms.A.Yasmin Assistant Professor	Member	 13/12/23
11.	Ms.S.Manju Vidhya Assistant Professor	Member	 13/12/23
12.	Mr.V.Veeresh Assistant Professor	Member	 13/12/23
13.	Ms.N.Nafisa Parveen Assistant Professor	Member	
14.	Ms.C.Pavithra Assistant Professor	Member	 13/12/23
15.	Ms.M.Geetha Assistant Professor	Member	
16.	Mr.T.Premkumar Assistant Professor	Member	 13/12/23

17.	Mr.D.Kavinkumar Assistant Professor	Member	
18.	Mr.B.Sudhanantham Assistant Professor	Member	
19.	Mr.E.V.Rajkumar Assistant Professor	Member	
20.	Mr.V.Rajkumar Assistant Professor	Member	
21.	Mr.D.Karthikeyan Assistant Professor	Member	
22.	Mr.B.Manikandan Assistant Professor	Member	
23.	Ms.E.Keerthi Assistant Professor	Member	

  
13.12.23  
Chairman - Board of Studies

  
13/12/23  
Principal

# FIFTH BOS MEETING HELD @TVR HALL ON 13.12.2023

