



St. XAVIER'S
CATHOLIC COLLEGE OF ENGINEERING
(Autonomous)

Chunkankadai, Nagercoil - 629003
Kanyakumari District, Tamil Nadu

Approved by AICTE & Affiliated to Anna University, Chennai
Accredited with 'A' Grade by NAAC
UG Programs(ECE, EEE, Mech, Civil, CSE & IT) Accredited by NBA
Anna University Recognized Research Institute
Recognized under section 2(f) & 12(B) of UGC Act, 1956
UG Programs(ECE, EEE, Mech, Civil, CSE & IT),
MBA & MCA Programs Permanently Affiliated

V Board of Studies Meeting

23-11-2024, 10.00 AM

Minutes of the Meeting

The fifth Board of Studies Meeting of Faculty of Computer Science and Engineering and Information Technology was conducted on 23-11-2024 (Saturday) at 10.00 a.m. at Board Room.

Agenda

- 5.01. Confirmation of the Fourth BoS meeting minutes held on 14-06-2024 and Decision/Action Taken report.**
- 5.02. Discussion on the Suggestions / Recommendations offered by the members in the IV Academic Council meeting.**
- 5.03. Getting recommendation for approval for the Semester VII Core Courses and Open Elective II and III Courses which are offered to other UG Programme for Regulation 2022**
- 5.04. Getting ratification / recommendation for NPTEL courses.**
- 5.05. Evaluation of the 2022 Curriculum: Challenges and Suggestions to Enhance Student Placement Opportunities.**
- 5.06. Other Matters (if any)**

The fifth Board of Studies Meeting of Faculty of Computer Science and Engineering and Information Technology starts with a prayer offered by Dr. A Anisha, Assistant Professor, department of Computer Science and Engineering. Mrs. J S Simi Mole, Assistant Professor, department of Computer Science and Engineering welcomed the gathering. The Principal Dr. J

Maheshwaran delivered the introductory talk. The fourth Board of Studies and Academic Council meeting minutes and action taken report were presented by Dr. P R Sheebha Rani, Head, Department of CSE, Dr. G. Sahaya Stalin Jose, Head, Department of IT, Dr. R Jemila Rose, Head, Department of AI & DS and Dr. M M Janeela Theresa, Head, Department of MCA.

Members present: Enclosed

05.01. Confirmation of the Fourth BoS meeting minutes held on 14-06-2024 and Decision/Action Taken report.

Department: Computer Science and Engineering

Suggestions / Recommendations Of IV BOS meeting	Action taken	Remarks
<p>In the course Data Science for Engineers (CS22681)</p> <ul style="list-style-type: none"> • It is suggested to add additional topics to the first unit. • It is recommended to include the latest edition book as the text book. • It is recommended to reframe the CO1. • It is recommended to change the action verb of CO3 from 'Produce' to 'Write'. 	<ul style="list-style-type: none"> • The topics "The Data Science Process and The big data ecosystem and data science" were included in the first unit. • The text book, "Python Data Science Handbook", Jake Vander Plas, O'Reilly, 2022 was included. • CO1 is reframed as "Understand the basics about Data Science". • CO3 is reframed as "Write Python code to statistically analyze a dataset". 	<p>Confirmed in the BoS meeting.</p>
<p>In the course Data Analytics</p>	<ul style="list-style-type: none"> • The tool "Power BI," has been 	<p>Confirmed in the BoS</p>

(CS22682)	<ul style="list-style-type: none"> It is recommended to add some visualization tools and case studies. 	incorporated. Additionally, a new case study topic has been added to the course.	meeting.
Inclusion of two elective courses <ul style="list-style-type: none"> “Salesforce Administration” can be added in the vertical - Software Engineering & Quality Management. “Modern Application Development” can be added in the vertical - Big Data & Data Analytics. 	<ul style="list-style-type: none"> Incorporated. 		Confirmed in the BoS meeting.

Department: Artificial Intelligence and Data Science

Suggestions / Recommendations Of IV BOS meeting	Action taken	Remarks
In Introduction to Big Data Analytics (AD22682) <ul style="list-style-type: none"> It is recommended to change the keywords of course outcome of the course It is recommended to include the latest edition book as the text book. 	<ul style="list-style-type: none"> The keywords were changed in course outcome. Summarize the concept of big data analytics. Explain big data generation and data acquisition. Interpret the core concepts of big data analysis at various levels. Illustrate the concept of indexing and 	Confirmed in the BoS meeting.

<ul style="list-style-type: none"> • It is recommended to interchange the title and reframe the contents content of Unit I and Unit II. • It is recommended to revise the content of Unit IV. 	<p>data storage.</p> <ul style="list-style-type: none"> • Apply the concept of big data in emerging fields. • The text book “David Loshin, —Big Data Analytics: From Strategic Planning to Enterprise Integration with Tools, Techniques, NoSQL, and Graphl, Elsevier, 2023” and “T. H. Davenport, —Big Data at Work: Dispelling the Myths, Uncovering the Opportunities, Harvard Business Review, 2020” were included. • The Unit I and Unit II titles and Contents were reframed. • UNIT 1- BIG DATA OVERVIEW • UNIT II- BIG DATA GENERATION AND ACQUISITION • The Unit IV contents were reframed. 	
<p>Inclusion of two elective courses</p> <ul style="list-style-type: none"> • Salesforce Administration can be added in the vertical - Software Engineering & Quality Management. • Modern Application Development can be added in the vertical - Big Data & Data Analytics. 	<p>Incorporated.</p>	<p>Confirmed in the BoS meeting.</p>

Department: Master of Computer Application

The minutes of the fourth BoS meeting and Action Taken report were presented by Dr. M. M. Janeela Theresa, Head of Master of Computer Application department.

Sl.No	Suggestions / Recommendations Of IV BOS meeting	Action taken	Remarks
1	Two professional elective courses, "Salesforce Administration" and "Data Visualization Techniques," have been suggested for inclusion in Semester II and Semester III, respectively	The professional elective course "Salesforce Administration" is recommended to include in Elective List I of Semester II, and the professional elective course "Data Visualization Techniques" is recommended to include in the Elective List IV of Semester III.	Confirmed in the BoS meeting.

05.02. Discussion on the Suggestions / Recommendations offered by the members in the IV Academic Council meeting.

Department: Computer Science and Engineering

Sl.No	Suggestions / Recommendations Of IV Academic Council meeting	Decisions / Suggestions during the V Board of Studies Meeting	Recommendation/Remarks of V Board of Studies Meeting
1	In place of "Tableau" and "Power BI", there is only one tool required for data analytics in the "Data Analytics (CS22682)" course.	The data analytics tool "Power BI" is retained and the tool "Tableau" is removed.	Confirmed in BoS meeting.

Department: Information Technology

Sl.No	Suggestions /	Decisions / Suggestions	Recommendation/Re
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o	Recommendations Of IV Academic Council meeting	during the V Board of Studies Meeting	marks of V Board of Studies Meeting
1	Case studies may be included instead of mini project for the course “ IT22601 Data Science ”.	Case studies included instead of mini project.	Confirmed in BoS meeting.

Department: Artificial Intelligence and Data Science

No Suggestion / Recommendation from the members of Academic Council

Department: Master of Computer Application

No Suggestion / Recommendation from the members of Academic Council

05.03. Getting recommendation for approval for the Semester VII Core Courses and Open Elective II and III Courses which are offered to other UG Programme for Regulation 2022

Department: Computer Science and Engineering

1. Core Courses:

- All the core courses were reviewed and approved without any modifications.
- It is recommended to change the name of **Product Development Lab/Mini Project** to **Mini Project**.

2. Open Elective Courses:

The following suggestions were given regarding Open Elective courses:

- It was suggested that the course **CS22781 - Software Defined Networks** can be replaced with the course **IoT Applications** to provide a broader understanding about the applications of IoT to other department students.
- It was suggested that in the course **CS22782 - Cyber Crime and Laws**, the topic **Aarogya Setu** in Unit 5 can be replaced with a recent Law **Digital Personal Data Protection Act 2023**.
- It was suggested to reduce the syllabus of 4th and 5th Unit of the course **CS22784 - Web Design and Development**.

Department: Information Technology

1. Core Course:

- All core courses were reviewed and accepted without any modifications.
- It is recommended to change the name of **Product Development Lab/Mini Project** to **Mini Project**.

2. Open Elective Course:

The following clarifications and modifications were discussed:

- In the course **Cryptography and Network Security (IT22701)**
 - It is recommended to include cryptanalysis as one of the topic in the last part of Unit III.
- In open elective courses
 - It is recommended to change the content and name of the course from 'Introduction to Web Technology' to 'Front End web development'.
 - In 'Mobile Computing' course, it was asked to change the syllabus and to change the course name to 'Introduction to Mobile Application Development'.
 - It is recommended to change the content and name of the course from 'Fundamentals of Cloud computing' to 'Multivariate Data Analytics'.
 - It is recommended to change the course from 'Neural Network and Fuzzy Logic Systems' to 'Introduction to Devops'.

Department: Artificial Intelligence and Data Science

1. Core Course:

- All core courses were reviewed and accepted without any modifications.

2. Open Elective Course:

The following and modifications were discussed:

- It is recommended to reduce the course content of the course **AD22783 - Augmented Reality / Virtual Reality**.
- It is recommended to give hands-on experiments have been integrated into the 4th and 5th units of the courses **AD22781 - Introduction to Artificial Intelligence** and **AD22784 - Introduction to Machine learning**.

Department: Master of Computer Application

No Suggestion / Recommendation from the members of Academic Council

Department: Master of Computer Application

The curriculum and syllabus have already been framed.

05.04. Getting Ratification/Recommendation for NPTEL courses.

NPTEL Course Completion status

Department: Computer Science and Engineering

The HoD of CSE department presented the status of the NPTEL course during the academic year 2023-2024 and the detail are summarized as follows.

The following students of III CSE were successfully completed Cloud Computing Course during the Academic Year 2023-2024.

S.NO	NAME	REGISTER NUMBER	STATUS	PERCENTA GE
1.	ABIMOL P S	962222104003	Elite	60%
2.	ABINAYA R S	962222104005	Elite	65%
3.	AJISHA V A	962222104011	Elite	69%
4.	ANCY RAJ K K	962222104017	Pass	54%
5.	ANGELIN FEMI C	962222104018	Pass	50%
6.	ANSHILIN RIGOSHA A	962222104019	Elite	67%
7.	AROCKIA REXJINI W	962222104028	Elite	60%
8.	ASHIKA S J	962222104033	Pass	47%
9.	ASHLIN JEGA J B	962222104036	Elite	67%
10.	ASHMICA N	962222104037	Pass	53%
11.	ASMITHA RAJ D S	962222104038	Elite+silver	75%
12.	BADRINATH A	962222104040	Pass	51%
13.	BAIJU R	962222104041	Pass	54%
14.	CATHRIN JUANITA A	962222104046	Elite	61%
15.	DENCILIN PRAJA C S	962222104049	Elite	70%
16.	DORINSHA BRITTO B	962222104052	Pass	53%

17.	HARINI S A	962222104059	Pass	53%
18.	JEFFLIN J	962222104063	Elite	70%
19.	JEFRIN V	962222104064	Elite	65%
20.	JEMIMA.J	962222104066	Elite	60%
21.	JESOWIN RAJA	962222104068	Pass	51%
22.	JOSEVAN ROY K	962222104071	Pass	52%
23.	KETHZIA S P	962222104072	Elite	73%
24.	MIRNA K	962222104078	Pass	55%
25.	MOIN SHANKO A	962222104080	Elite	64%
26.	MONA SALAMA M.A	962222104081	Elite	61%
27.	MURSHITHA SHERIN A	962222104082	Pass	56%
28.	NIVIN CHARLES C	962222104087	Elite	64%
29.	PONNARASU A	962222104088	Pass	55%
30.	RAYESMI G J	962222104091	Pass	58%
31.	RESHMA R	962222104093	Elite	62%
32.	RESHMI A	962222104094	Elite	63%
33.	RETHA NANCY DHAS S	962222104095	Pass	52%
34.	RUTHRAJI R V	962222104103	Pass	57%
35.	SAFIN MERCEY V J	962222104104	Pass	54%
36.	SAFRIN FATHIMA Y	962222104105	Pass	53%
37.	SARANYA J S	962222104109	Elite	61%
38.	SARMILA J	962222104110	Pass	45%
39.	SHAFINUS SYRUS S	962222104111	Elite	60%
40.	SHAFRIN SHAALU K	962222104112	Pass	49%
41.	SHANOJE S L	962222104113	Pass	52%
42.	SHAANU D J	962222104114	Pass	42%
43.	SRI HARI S	962222104117	Pass	52%
44.	SUJIN S	962222104119	Pass	57%
45.	THUSHARA THAMPI J S	962222104125	Elite	60%
46.	VIGNESHWARAN K	962222104307	Pass	52%

In the above list, the following students were interested to drop the course **CS22642- Cloud and DevOps Tools** during 2024-2025 (Even Semester)

Sl. No	NAME	REGISTER NUMBER	STATUS	PERCENTAGE
1	JEFRIN V	962222104064	Elite	65%
2	MOIN SHANKO A	962222104080	Elite	64%
3	SHANOJE S L	962222104113	Pass	52%
4	SRI HARI S	962222104117	Pass	52%
5	SUJIN S	962222104119	Pass	57%
6	VIGNESHWARAN K	962222104307	Pass	52%

Department: Information Technology

The HoD of IT department presented the status of the NPTEL course during the academic year 2023-2024 and the detail are summarized as follows.

Ratification for the NPTEL course for III-year, IV year students to credit transfer

S.No	Credit Transfer	Decisions
1.	Five students from Third Year IT dropped IT22512-CloudComputing course from Fifth semester R-2022 by clearing the course 'Cloud Computing' from NPTEL.	BoS members recommended as per regulation.
2.	Two students from Final Year IT dropped 'OHS352 -Project Report writing' from Seventh semester R-2021 by clearing the course 'Sensors and Actuators' which is equivalent to 'AU3008-Sensors and Actuators' from Open Elective IV.	BoS members recommended as per regulation.

The following students (II IT / III Semester) were successfully completed "Cloud Computing". They are interested to drop the course "Cloud Computing" in the Academic Year 2024-2025.

Sl.No	Student name	REGISTER NUMBER	Level (Pass/ Elite)	PERCENTAGE
1.	JANITHA J R	962223205026	Elite	63%
2.	STOJI HELBARIN J	962223205058	Pass	55%

Department: Artificial Intelligence and Data Science

The HoD of AI&DS department presented the status of the NPTEL course during the academic year 2023-2024 and the detail are summarized as follows.

The following students (II AI&DS / III Semester) were successfully completed “Cloud Computing” during the Academic Year 2024-2025. And they are interested to drop the course “Cloud Computing” in the Academic Year 2025-2026.

Sl.No	Student name	REGISTER NUMBER	Level (Pass/ Elite)	PERCENTAGE
1	ABISHA .S	962223201004	Pass	69%
2	ACHSAH SHARON S A	962223201005	Pass	54%
3	AJAY V	962223201007	Pass	52%
4	AKSHAN M	962223201009	Pass	65%
5	ALNI LISHANA A	962223201010	Pass	63%
6	ANI JOKISHA S A	962223201013	Pass	55%
7	ANUSHARA S L	962223201016	Pass	51%
8	ASHIKA S	962223201020	Pass	75%
9	ASWIN FELIX C	962223201021	Pass	60%
10	BEMZYA SHARON S	962223201024	Pass	67%
11	EMI JERUSHA	962223201026	Pass	52%
12	HARINI K	962223201031	Pass	66%
13	HELEENA JOHN J	962223201032	Pass	57%
14	JERIMOTH IMMANUEL J	962223201035	Pass	41%
15	JISHNA M S	962223201036	Pass	68%
16	J V JOSHAN RICHARD	962223201039	Pass	69%

17	LIFNA SNOWLIN J	962223201040	Pass	57%
18	MANJU SRI A	962223201042	Pass	64%
19	MOHAMED IFTHIKAR S R	962223201044	Pass	76%
20	NITHIKA S	962223201045	Pass	62%
21	PRITHIKA P	962223201047	Pass	68%
22	RESHMI G	962223201049	Pass	70%
23	SINCHU S R	962223201053	Pass	64%
24	SNEHA C V	962223201054	Pass	70%
25	SPRIPIKKA HARINI J	962223201055	Pass	64%
26	STEFFI S P	962223201056	Pass	63%

In the above list, the following students (III AI&DS / III Semester) were successfully completed **Social Network Analysis** during (2024-2025/ V Semester).

S.NO	NAME	REGISTER NUMBER	STATU S	PERCENTAG E
1.	ANUVARSHA J	962222201012	Pass	51%
2.	ARUL RAKSHA A	962222201014	Pass	55%
3.	DIYA M	962222201024	Pass	50%
4.	GIFTLIN DERSHIYA S U	962222201029	Pass	50%
5.	B R KRISHNAVENI	962222201039	Pass	57%
6.	S S RAISHA BAMPENA	962222201046	Pass	46%
7.	S SAFFRAN	962222201050	Pass	47%
8.	SHERIN E F SHANIYA	962222201054	Pass	53%

The following students were interested to drop the course **AD 22611- Social Media Web Analytics** during 2024-2025 (Even Semester)

S.NO	NAME	REGISTER NUMBER	STATU S	PERCENTAG E
1.	ANUVARSHA J	962222201012	Pass	51%
2.	ARUL RAKSHA A	962222201014	Pass	55%

3.	DIYA M	962222201024	Pass	50%
4.	GIFTLIN DERSHIYA S U	962222201029	Pass	50%
5.	B R KRISHNAVENI	962222201039	Pass	57%
6.	S S RAISHA BAMPENA	962222201046	Pass	46%
7.	S SAFFRAN	962222201050	Pass	47%
8.	SHERIN E F SHANIYA	962222201054	Pass	53%

Department: Master of Computer Application

The HoD of MCA department presented the status of the NPTEL course during the academic year 2023-2024 and the detail are summarized as follows.

Course Code	Course Name	Registered & Passed	Successfully Completed	Elite	Elite +Silver
noc24-cs127	Software Conceptual Design	14	2	10	2

05.05. Evaluation of the 2022 Curriculum: Challenges and Suggestions to Enhance Student Placement Opportunities

Department: Computer Science and Engineering

No Suggestion / Recommendation from the members of Academic Council

Department: Information Technology

No Suggestion / Recommendation from the members of Academic Council

Department: Artificial Intelligence and Data Science

No Suggestion / Recommendation from the members of Academic Council

Department: Master of Computer Application

Sl. No	Challenges and Suggestions to Enhance Student Placement
1	It is recommended to consider individual or group projects instead of written

	assignments for awarding internal marks.
2	<p>Final Semester Major Project Guidelines</p> <p>For the final semester major project, students can undertake either an IEEE Research Project or an Application Project. Assessment is divided into two phases:</p> <p>Phase I (III Semester):</p> <ol style="list-style-type: none"> For Research Projects: <ul style="list-style-type: none"> Identifying a suitable research topic. Conducting a comprehensive literature review. Initiating steps towards research article publication. For Application Projects: <ul style="list-style-type: none"> Completion of an individual mini-project. Credits: <ul style="list-style-type: none"> Both Research and Application projects will carry two credits in this phase. <p>Phase II (IV Semester):</p> <ol style="list-style-type: none"> For Research Projects: <ul style="list-style-type: none"> Continuation and completion of the research work. Publication of the research work in a recognized Journal or presentation at a Conference is mandatory. For Application Projects: <ul style="list-style-type: none"> Completion and implementation of the project. Credits: <ul style="list-style-type: none"> Both Research and Application projects will carry ten credits in this phase.
3	<p>It is suggested that students use websites such as Skillrack, LeetCode, and CodeCheck to enhance their skills and improve their placement opportunities. Additionally, it is recommended to organize Quantitative Aptitude contests and mock placement sessions for the students.</p>

05.06 Other Matters (if any)

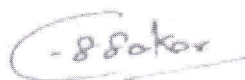
As per Regulation 4.8.3 (ii) (b), Scopik Edutech Private Limited, a company specializing in knowledge transfer, offers an Augmented Reality/Virtual Reality course in collaboration with the Institute through a Memorandum of Understanding (MoU). Credit transfer may be granted upon successful completion of the course.

After presenting the above suggestions and recommendations, the Board of Studies (BoS) approved the curriculum and syllabus for the open elective courses to be offered to other programs.

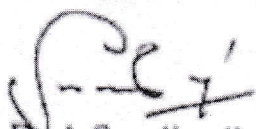
The meeting concluded with a unanimous acknowledgment of the efforts and contributions of all members. Dr. M M Janeela Theresa delivered a vote of thanks at the end of gathering and the meeting was ended at 1.30.



Dr. M Vijaya Lakshmi
(Anna University Nominee)



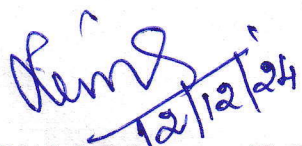
Dr. E Sivasankar
(Academic Expert)



Dr. A Suruliandi
(Academic Expert)



Dr. J J Adri Jovin
(Alumnus)


12/12/24

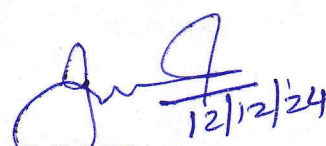
HoD/AI & DS


12/12/24

HoD/CSE


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HoD/IT


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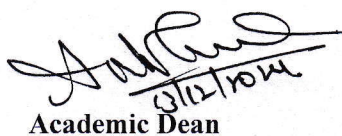
HoD/MCA

Dr. R Jemila Rose

P R Sheeba Rani

Dr. G Sahaya Stalin Jose

Dr. M M Janeela Theresa


12/12/24
Academic Dean
Principal