ST.XAVIER'S CATHOLIC COLLEGE OF ENGINEERING

(Autonomous)

Chunkankadai, Nagercoil - 629003

Faculty of Computer Science & Engineering and Information Technology

(CSE, IT, AI&DS& MCA)

IV Board of Studies Meeting

Venue: Board Room

Date: 14-06-2024   **Time**: 10:30amto 12.30 PM

Agenda and Notes

- Prayer
- Welcome Address

04.01. Confirmation of the minutes of third BOS meeting which was held on 21-12-2023 and Decision/Action taken report.

04.02. Presentation of the proposed curriculum and getting recommendation for approval for the 6th semester core courses and Open Elective-I courses draft syllabi of UG programmes for regulation 2022.

04.03. Inclusion of two Professional elective courses.

04.04. Industrial Training and Internship Grading Rubrics.

04.05. Other matters if any.

- Vote of Thanks

The 4th meeting of the Board of Studies started with a prayer by Dr.R.Jemila Rose and welcome address by Dr.R.P.Anto Kumar and the minutes are as follows

04.01. Confirmation of the minutes of third BOS meeting which was held on 21-12-2023 and Decision/Action taken report.

Department: Computer Science and Engineering

The minutes of the third BoS meeting and Action Taken report were presented by Dr. P.R. Sheebha Rani, Head of Computer Science and Engineering Department.

Sl.No	Suggestions	Action taken	Remarks
1.	It is recommended to interchange the topic "Iterative Improvement and NP-completeness" now in fourth unit to the fifth unit and the topic "Backtracking and Branch-and-Bound" now in fifth unit to the fourth unit of the course "Design and Analysis of Algorithms (CS22401)".	Interchanged in the syllabus	Confirmed in the BoS meeting.

Department: Information Technology

The minutes of the third BoS meeting and Action Taken report were presented by Dr.G.Sahaya Stalin Jose, Head of Information Technology department.

Sl.No	Suggestions	Action taken	Remarks
1	It is recommended to all the TCP courses should have their COs at least up to the level Analysis	We have changed all the TCP courses level up to Analysis.	Confirmed in the Bos meeting
2	It is suggested to include maximum seven experiments in the theory cum practical courses.	Theory cum Practical courses are redefined and included seven experiments	Confirmed in the Bos meeting
3	The courses listed under the various verticals of IT department curriculum were verified and recommended for the approval of academic council	Academic Council recommended.	Confirmed in the Bos meeting
4	It is recommended to use appropriate Blooms Taxonomy keywords for the "Analyze" level course outcomes	We have changed the keywords based on the suggestion.	Confirmed in the Bos meeting
5	The committee suggested	Now the faculties are	Confirmed in

	that it is not necessary to find the skill set for every course and to find the skill set acquired by the students on learning the courses.	undergoing the skill set training.	the Bos meeting
6	The committee recommended to having common list of teaching methodologies for the departments –AI & DS, CSE, IT, and MCA from which the methodologies for each topic can be chosen by the staff handling the courses.	• Chart making • Mind map – unit-wise/course • Brainstorming • Quiz • Voting • Game storming • Group Discussion • Role play • Seminars • Group activities- mini projects etc.,	Confirmed in the Bos meeting
7	It is recommended to use latest version Text Books and Reference Books.	As per the recommendation, wehave included	Confirmed in the Bos meeting

Department: Artificial Intelligence & Data Science

The minutes of the third BoS meeting and Action Taken report were presented by

Dr. R. Jemila Rose, Head of Artificial Intelligence and Data Science department.

Sl.No	Suggestions	Action Taken	Remarks
1	It is recommended to remove the course "Digital Forensics" in "Creative Media" Vertical for the Seventh semester and add "AI in Drone Technology" course in the same vertical.	The course "Digital Forensics" is removed from the vertical "Creative Media" and the course "AI in Drone Technology" is added.	Confirmed in the BoS meeting.

Department: Master of Computer Applications

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

Sl.No	Suggestions	Action taken	Remarks
1.	Students. Admitted under non _computer science category, nptel courses is to be included in elective	MCA students admitted to the non-computer science background category should undergo and complete one NPTEL course from the	Confirmed in the BoS meeting.

		following list of electives before the end of the third semester. **Elective List** • Software Conceptual Design • Systems and Usable Security • Fundamental Algorithms: Design and Analysis • Demystifying Networking • C programming and Assembly language	
2.	For course outcome formation, create level is to be considered only for specific courses.	The outcomes have been refined to the "create" level for specific courses. For all other courses, the outcomes have been formulated to a maximum of the "analysis" level.	Confirmed in the BoS meeting.

04.02. Presentation of the proposed curriculum and getting recommendation for approval for the 6th semester core courses and Open Elective-I courses draft syllabi of UG programmes for regulation 2022 General suggestion

It is recommended to include Ethics in AI concept in Professional Ethics course or as a separate course.

It is recommended to change course name 'Coding Skills And Quantitative Aptitude Training' to 'Coding Skills And Quantitative Aptitude' for both phases.

Department: Computer Science and Engineering

Open Elective

- In Data Science for Engineers (CS22681),
  - 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'.
- In Data Analytics (CS22682),
  - It is recommended to add some visualization tools and case studies.

Department: Information Technology

- In Data Science (IT22601) subject
  - It is recommended to include mini project within the 7 experiments in lab component
  - It is recommended to change the action verb of CO1 from 'Explain' to 'Define' or 'Describe'
- In Internet of Things (IT22682) Subject, it is recommended to change the CO2 from 'Infer the different IoT components and communication modules' to 'Differentiate the various IoT components and communication modules'
- In Fundamentals of Cloud Computing (IT22782) subject, it is stated that the CO5 is generic and to be reframed as a specific CO with respect to the unit.
- The subject name 'Python for data science' is to be renamed, as it has been an approved subject name in MCA curriculum.

Department: Artificial Intelligence & Data Science

- It is recommended to change the keywords of course outcome in the course Introduction to Big Data Analytics.
- It is recommended to use latest version of textbooks.
- It is recommended to interchange the title and reframe the contents of Unit I and Unit II.
- It is recommended to reframe the content of Unit IV.

04.03 Inclusion of two elective courses

Department: Computer Science and Engineering

As per the proposal, two professional elective courses are recommended to add with the curriculum.

- Salesforce Administration offered by Softsquare Solutions can be added in the vertical -Software Engineering & Quality Management.
- Modern Application Development offered by Flutterfrog can be added in the vertical - Big Data & Data Analytics.

Department: Information Technology

As per the recommendation, two elective courses are added which are provided by the industry experts

- Salesforce Administration provided by Softsquare Solutions is added in the vertical - Internet Technologies
- Modern Application Development provided by Flutterfrog is added in the vertical - Cognitive Technologies.

Department: Artificial Intelligence & Data Science

As per the proposal, two professional elective courses are recommended to add with the curriculum.

- Salesforce Administration offered by Softsquare Solutions can be added in the vertical – Design and development.
- Modern Application Development offered by Flutterfrog can be added in the vertical - Design and development.

Department: Master of Computer Applications

As per the proposal, two professional elective courses are recommended to add with the curriculum.

- Two professional elective courses, namely "Sales Force Administration" and Data Visualization Techniques, are suggested to be included in Semester II (Elective I) and Semester III (Elective IV).
- Change the title for Unit I to "Data Foundation Process" of the newly added elective course "Data Visualization Techniques."
- It is suggested to refine the course outcomes of the course "Sales Force Administration" such that each outcome begins with only one action verb.

04.04   Industrial training and Internship

A rubric for assessing the internship was discussed and it is recommended to simplify the rubrics.

04.05. Other matters if any.

NPTEL

Department: Computer Science and Engineering

NPTEL Course Completion status

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

COURSE NAME: SENSORS AND ACTUATORS   **CLASS:** III CSE (A&B)

SL. NO	NAME	REGISTER NUMBER	STATUS	PERCENTAGE
1.	ABINANTH K S	962221104003	Pass	54%
2.	ABISRIYA A	962221104006	Elite	61%
3.	ADHARSH J	962221104008	Elite	61%

4.	AGNES J BEJASWIN	962221104010	Pass	54%
5.	AJAYSHIA A	962221104012	Pass	58%
6.	AJITHA J S	962221104015	Pass	57%
7.	AKASH S M	962221104017	Pass	58%
8.	AKSHA SNOWLY A	962221104019	Pass	58%
9.	AKSHAYA C	962221104020	Elite	60%
10.	AKSHAYA JASMIN A R	962221104021	Pass	56%
11.	ALBRIGHT RAJ S J	962221104022	Pass	54%
12.	ALFIN JENISHA A	962221104023	Elite	66%
13.	ANKITA MELANIE JOHN	962221104025	Pass	58%
14.	ANSON S GILBERT	962221104026	Pass	52%
15.	ANTO DEEPSHEIKA X J	962221104027	Elite	64%
16.	ANTO JEBASTIN A	962221104028	Pass	52%
17.	ANTO NISMI C	962221104029	Pass	57%
18.	ANTO RINILA A	962221104031	Elite	66%
19.	ASHMITHA R	962221104033	Pass	57%
20.	ASHVITHA SHINE P S	962221104034	Pass	52%
21.	ASINTH J	962221104035	Pass	47%
22.	ASKAR STEFFY V	962221104036	Elite	60%
23.	BELWIN S	962221104037	Pass	58%
24.	BENON SOLOMON X	962221104039	Pass	52%
25.	BESTOBEN A E	962221104041	Elite	60%
26.	CRISPIN PATRIC	962221104042	Pass	53%
27.	DEFITHA J S	962221104043	Elite	61%
28.	DENILA D	962221104044	Elite	60%
29.	DEVIKA VINOD R	962221104045	Pass	58%
30.	DHARANI K	962221104047	Elite	71%
31.	DIVYA PRIYA A	962221104049	Elite	61%

32.	ELAIN BENISHA B	962221104051	Elite	61%
33.	HARISHMA SHALU J	962221104052	Pass	50%
34.	HELGIN E.H	962221104053	Elite	60%
35.	HENRY A S ARROVIN	962221104054	Elite	60%
36.	IRFAN S	962221104055	Pass	52%
37.	ISHIKA D	962221104056	Pass	51%
38.	JASMINE J	962221104057	Pass	54%
39.	JEBA SUTHISME	962221104058	Pass	58%
40.	JEBISHA A	962221104059	Elite	64%
41.	JEFFNER MOSES J S	962221104060	Elite	62%
42.	JELESHA I J	962221104061	Elite	73%
43.	JENITTA J	962221104062	Pass	57%
44.	JERUSHA J	962221104065	Pass	55%
45.	JIYOFFRIN R V	962221104067	Pass	58%
46.	JOSAFA	962221104068	Pass	58%
47.	JOSITHA J A	962221104070	Elite	69%
48.	KAMALI KK	962221104071	Elite	60%
49.	KARTHIKA G.K	962221104073	Pass	68%
50.	LIBISHA T	962221104077	Pass	62%
51.	PENCY J	962221104091	Elite	70%
52.	PREETHIMANJRA J S	962221104094	Pass	53%
53.	RAKSHYA SUJE S	962221104098	Pass	65%
54.	RENISHA SHANU M	962221104101	Pass	68%
55.	RUFINA J	962221104105	Elite	76%
56.	SAHANA K	962221104107	Pass	72%
57.	STEFFYSHA S	962221104118	Pass	60%
58.	THISO DHAS G B	962221104122	Pass	56%
59.	THRIVENI J A	962221104123	Pass	57%

60.	VELMURUGAN	962221104124	Pass	57%
61.	AJISH X	962221104301	Pass	55%
62.	BERLIN PRIJU P	962221104303	Elite	61%
63.	KARAN B	962221104304	Pass	50%
64.	SHIJIN R	962221104306	Pass	55%
65.	SIVA T	962221104307	Elite	68%

COURSE NAME: CLOUD COMPUTING   **CLASS: II CSE (A&B)**

S.NO	NAME	REGISTER NUMBER	STATUS	PERCENTAGE
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 REXINI 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	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%

COURSE NAME: CLOUD COMPUTING   **CLASS: III CSE (B)**

S.NO	NAME	REGISTER NUMBER	STATUS	PERCENTAGE
1.	SIVA T	962221104307	PASS	46%
2.	PREETHIMANJRA J S	962221104094	ELITE	71%

Department: Information Technology

S.No	Students Name	Course Name	Level	Duration	No.of Weeks	Year
1.	Abirami S C	Cloud Computing	Elite	Jan-Apr 2024	12	II
2.	Binushaa T M	Cloud Computing	Elite	Jan-Apr 2024	12	II
3.	Jaya Gopika G R	Cloud Computing	Elite	Jan-Apr 2024	12	II
4.	Sheno Mcjus J	Cloud Computing	Elite	Jan-Apr 2024	12	II
5.	Femy M H	Cloud Computing	Elite	Jan-Apr 2024	12	II
6.	Sheniya J	Cloud Computing	Pass	Jan-Apr 2024	12	II
7.	Mary Nirmala A	Cloud Computing	Pass	Jan-Apr 2024	12	II
8.	Mary Shanika S	Cloud Computing	Pass	Jan-Apr 2024	12	II
9.	Binushaa T M	Programming in Java	Pass	Jan-Apr 2024	12	II

Department: Artificial Intelligence & Data Science

NPTEL Course Completion status

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

Sl.No	Name	Register Number	Course Name	Status	Percentage	Year
1	Abirami M	962222201002	Cloud Computing	Elite	62%	Jul-Oct 2023
2	Ajay A	962222201004	Cloud Computing	Elite	64%	Jan-Apr 2024
3	Ancy Mol A.H	962222201008	Cloud Computing	Elite	71%	Jan-Apr 2024
4	Anna Sofiya A	962222201010	Cloud Computing	Elite	75%	Jan-Apr 2024

5	Anuvarsha J	962222201012	Cloud Computing	Elite	61%	Jan-Apr 2024
6	Arul Raksha A	962222201014	Cloud Computing	Elite	73%	Jul-Oct 2023
7	Ashmi P	962222201016	Cloud Computing	Elite	68%	Jan-Apr 2024
8	M Bharat Venanciyus	962222201019	Cloud Computing	Successfully Completed	51%	Jan-Apr 2024
9	Breena Queen J	962222201022	Cloud Computing	Elite	71%	Jan-Apr 2024
10	Diya M	962222201024	Cloud Computing	Elite	66%	Jul-Oct 2023
11	S Ebil Metilda	962222201026	Cloud Computing	Elite	70%	Jul-Oct 2023
12	Giftlin Dershiya S.U	962222201029	Cloud Computing	Successfully Completed	56%	Jul-Oct 2023
13	Herin Catharin V	962222201030	Cloud Computing	Successfully Completed	55%	Jan-Apr 2024
14	Jenilyn J M	962222201034	Cloud Computing	Elite	75%	Jul-Oct 2023
15	Jenisha Fernando J	962222201035	Cloud Computing	Successfully Completed	57%	Jul-Oct 2023
16	B.R Krishnaveni	962222201039	Cloud Computing	Elite	66%	Jan-Apr 2024
17	Mary Spinola S	962222201041	Cloud Computing	Elite	60%	Jul-Oct 2023
18	T N A Nandhana Sree Nidhi	962222201043	Cloud Computing	Successfully Completed	55%	Jan-Apr 2024
19	S.S Raisha Bampena	962222201046	Cloud Computing	Successfully Completed	58%	Jul-Oct 2023
20	Reshma Ramesh R	962222201047	Cloud Computing	Elite	69%	Jan-Apr 2024
21	Rinisha R V	962222201048	Cloud Computing	Successfully Completed	55%	Jan-Apr 2024
22	S Saffran	962222201050	Cloud Computing	Successfully Completed	56%	Jul-Oct 2023
23	Sherin E.F Shaniya	962222201054	Cloud Computing	Elite	63%	Jan-Apr 2024
24	Sherin Sharmi S.S	962222201055	Cloud Computing	Successfully Completed	57%	Jan-Apr 2024
25	Vishnu K.S	962222201062	Cloud Computing	Successfully Completed	51%	Jan-Apr 2024
26	Stanis Naveen D	962222201302	Cloud Computing	Successfully Completed	52%	Jan-Apr 2024

Department: Master of Computer Applications

NPTEL Course Completion Status

Sl. No.	Course Code	Course Name	Duration	No. of students completed
1	noc23-cs66	Software Conceptual Design	4 weeks	14
2	noc24-cs48	Systems and Usable Security	4 weeks	11
3	noc24-cs120	Social Networks	12 weeks	2
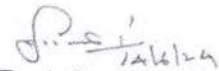
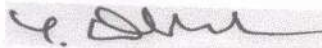The Chairmen thanked all the members for their kind cooperation and the meeting come to the end.

Dr.M.Vijayalakshmi
(Anna University Nominee)

Dr.E.Sivasankar
(Academic Expert)

Dr.A.Suruliandi
(Academic Expert)

Dr.J.K.Deepak Keynes
(Industry Expert)

Dr.J.J.AdriJovin
(Alumnus)

H.O.D
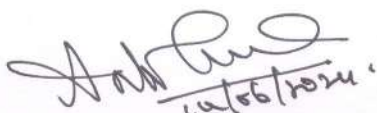AI & DS
Dr.R.Jemila Rose

H.O.D
CSE
Dr.P.R.Sheebha Rani

H.O.D
IT
Dr.G.Sahaya Stalin Jose

H.O.D
MCA
Dr.M.M.Janeela Theresa

ACADEMIC DEAN
Dr.R.P.Anto Kumar

PRINCIPAL
Dr.J.Maheswaran