



**1.1 Curriculum Design and Development**

**1.1.2 Computer Science – Board of Studies**



**DEPARTMENT OF COMPUTER SCIENCE**  
**St. JOSEPH'S COLLEGE (Autonomous)**

*Special Heritage Status awarded by UGC Accredited at A Grade (3<sup>rd</sup> Cycle) by NAAC*  
*College with Potential for Excellence by UGC DBT-STAR & DST-FIST sponsored College*

TIRUCHIRAPPALLI - 620 002.

Phone : 0431 - 4226392, 2700320, Fax : 0431 - 2701501

Website : [www.sjctni.edu](http://www.sjctni.edu)

**MINUTES OF THE BOARD OF STUDIES MEETING HELD ON**  
**18-05-2021 AT 10 AM THROUGH ONLINE**

The Board of Studies meeting was held on 18<sup>th</sup> May 2021 at 10 AM, through Google online staff room of the Department of Computer Science. The following members were present:

1. Dr. K. Mani, (University Representative)  
Associate Professor, Nehru Memorial College (Autonomous), Puthanampatti
2. Dr. C. Balakrishnan, (Subject Expert)  
Alagappa Institute of Skill Development, Alagappa University, Karaikudi
3. Mr. M. P. Tony Reagan, (Industry Expert)  
Systech Software & Networking Academy (P) Ltd, Tiruchirappalli
4. Mr. Jude Harris, Asian Paints, Mumbai (Alumni)
5. Mr A Charles
6. Dr D P Jeyapalan
7. Dr S Albert Rabara
8. Dr L Arockiam
9. Mr V S Joe Irudayaraj
10. Dr D ravindran
11. Dr S Britto Ramesh Kumar
12. Dr A Aloysius
13. Dr V Jude Nirmal
14. Rev Dr S Arul Oli SJ
15. Mr K R Martin
16. Dr K Maheshwaran
17. Dr A Jenifer Jothi Mary
18. Mrs Sherine Dominic



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19. Mr J Rex
20. Mrs S Josephine Teresa
21. Mr C Mohanraja
22. Mr B Rex Cyril
23. Mr J Antony John Prabhu
24. Mr A Vimal Jerals
25. Mr Y Sunil RAj
26. Dr T kokilavani
27. Mrs A Amalorpava Akila
28. Mrs A Beatrice Dorothy
29. Rev Dr S Santiago SJ

The meeting started with a silent prayer. Prof. A. Charles, Head of the Department welcomed the external experts as well as the Department staff members for the Board of Studies Meeting and requested the house to participate the discussion. HoD invited Dr. D. Ravindran to present the patterns and the syllabi for MCA, Bridge Course, B.Sc. (CS) and Allied courses and also the Question Paper Pattern.

The Board members discussed and suggested the following:

Course	Suggestions and Views Received	Action Taken
MCA	Include more mathematical courses like probability and statistics and Mathematical Foundations in Computer Science.	The course Mathematical Foundations is available in Semester II.
MCA	The courses Organizational behavior and Programming in Java may be swapped to have additional thrust for the language Java	Both the courses were swapped as per the suggestion.



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MCA	AJAX concept may include in the course XML.	AJAX is included in the Distributed Technology Course.
B.Sc.,	In Sem. V, the courses DSE-1: Computer Networks and DSE-2: Digital Marketing may be swapped.	The courses were swapped.
B.Sc.,	In Digital Marketing course the Search Engine Optimization could be included.	Included as per the suggestion by the expert.
B.Sc.,	Add few more framework concepts in Python.	It would become heavier at the UG level, but the fast learners are provided with these frameworks and packages in the Value Added Course on Data Analytics.
B.Sc & MCA	The number of study books in each course may not exceed 2.	Only in few case it is more than two because of collection of multiple concepts in a single course

The Head of the department replied that all the possible suggestions could be accommodated in the curriculum. Finally, the Board approved the B.Sc.(CS), Allied, MCA and Bridge Course Patterns and the Syllabi along with the Question Paper Pattern. The meeting came to an end with the thanking note of the HoD at 11.10 AM.

  
**Head of the Department**  
 Department of Computer Science  
 St. Joseph's College (Autonomous)  
 Tiruchirappalli-620 002



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Mr. K. MAHESWARAN is presenting

Sl. No.	Course Code	Course Name	Cr.	Th	Pr	T	Gr	Ex	Pr	Gr	Ex	Total
1	21UC553CP05	Software Lab-1: Java Programming	3	2	100	100	200					200
2	21UC553CP06	Software Lab-5: Distributed Programming	3	2	100	100	200					200
3	21UC553ES1A	Discipline Specific Elective-1: Operating systems (or)	3	3	100	100	200					200
4	21UC553ES1B	Discipline Specific Elective-1: Computer Networks	3	3	100	100	200					200
5	21UC553ES2A	Discipline Specific Elective-2: Digital Marketing (or)	3	3	100	100	200					200
6	21UC553ES2B	Discipline Specific Elective-2: Security in Computing	3	3	100	100	200					200
7	21UC553IS01	Internship	2		100		100					100
8	21UC553IS01	Self-paced learning - Web Ethics	2		50	50	100					100
9	21UC553IS01	Field study/ Industrial visit/ Case study	2		100		100					100
10	21UC553IS01	SEC-3 Soft Skill	2		50	50	100					100
11	21UC553IS01	General Elective-1: ETHICAL HACKING	3	3	100	100	200					200
12	21UC553IS01	Extra Credit courses (MOOCs)										

Dr. D.P. JEVAPALLI and 19 more

10:48 AM

18-05-2021

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**Dr. Y. DOMINIC**  
Dean-School of Computing Sciences  
St. Joseph's College (Autonomous)  
Tiruchirappalli-620 002.

*(A. CHARLES)*

**Head of the Department**  
Department of Computer Science  
St. Joseph's College (Autonomous)  
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AQAR 2021-22

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### 1.1.2 Computer science – Board of Studies



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### MINUTES OF THE BOARD OF STUDIES MEETING HELD ON 28-11-2020 AT 3.00 PM THROUGH GOOGLE ONLINE STAFF ROOM OF THE DEPARTMENT OF COMPUTER SCIENCE

The Board of Studies meeting was held on 28<sup>th</sup> November 2020 at 3.00 PM, through Google online staff room of the Department of Computer Science. The following members were present:

1. Dr. E. George Dharma Prakash Raj, (University Representative)  
Assistant Professor, School of Computing Science Engineering & Applications,  
Bharathidasan University, Khajamalai Campus, Tiruchirappalli.
2. Dr. Thamarai Selvi, (Subject Expert)  
Associate Professor and Head, Department of MCA, Bishop Heber College  
(Autonomous), Tiruchirappalli.
3. Mr. Mani (Industry Expert),  
Systech Software & Networking Academy (P) Ltd, Tiruchirappalli
4. Mr A Charles
5. Dr D P Jeyapalan
6. Dr S Albert Rabara
7. Dr L Arockiam
8. Mr V S Joe Irudayaraj
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14. Mr K R Martin



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15. Dr K Maheshwaran
16. Dr A Jenifer Jothi Mary
17. Mrs Sherine Dominic
18. Mr J Rex
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24. Mr Y Sunil RAj
25. Dr T kokilavani
26. Mrs A Amalorpava Akila
27. Mrs A Beatrice Dorothy
28. Rev Dr S Santiago SJ

The meeting started with a silent prayer. Prof. A. Charles, Head of the department welcomed the external experts as well as the Department staff members for the Board of Studies Meeting. HoD invited Dr. D. Ravindran to present the MCA course pattern and Syllabi along with the Bridge Course syllabus.

The external experts and the house expressed the following suggestions.

- The total number of credits may be 90 instead of 110. The credits are retained as per the Deans' instruction to maintain it at 110 for all PG programmes at SJC.
- The subject code and subject title may be changed into course code and course title. – These suggestions were incorporated.



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- In 2nd Semester, the number of Core subjects may be five instead of four. – This is not possible because of the inclusion of IDC-Soft skills for all PG students in the second semester.
- One more Core Electives subject may be offered in any one of the semester so that the total number of Core Electives become four – Its included as per the suggestion.
- The subjects Computer Network, Cloud Computing and Resource Management Techniques may be introduced. – This will be considered in the Syllabus Revision 2021.
- Latest books may be included in the book for study as far as possible.

The Head of the department replied that all the possible suggestions could be accommodated in the curriculum and other suggestions could be accommodated in next syllabus revision.

Finally, the Board approved the MCA Course Pattern, Syllabi and Bridge Course syllabus. The meeting came to an end with the thanking note of the HoD at 4.30PM.

  
Head of the Department  
Department of Computer Science  
St. Joseph's College (Autonomous)  
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Dr. D.RAVINDRAN is presenting

Course Code	Course Name	Online Course: Programming Smart Devices	4	4
20PCA3112	Core XII	Computer Design	4	4
20PCA3113	Core XIII	Inter-Disciplinary Core: Design and analysis of Algorithms	4	4
17SCS101	ID Core	Software Engineering	4	4
20PCA3114	Core XIV	MEAN Stack Web Development	4	4
20PCA3203A	Elective-III	Ruby on Rails	4	3
20PCA3203B		Php		
20PCA3203C	Core XV	Software Lab - 5 - Programming Smart Devices	3	2
20PCA3115	Core XVI	Software Lab - 6 - Mean Stack Webapp Lab	3	2
20PCA3116	IDC (BS)	Web Design	4	4
20PCA3117	Core XVII	Mini Project (summer Vacation) / Internship	-	2
20PCA3118	Core XVIII	Self-paced Learning: XML	-	2
20PCA3482	Extra-CC	Extra Credit Course 2: MDOC II	-	(2)
<b>TOTAL</b>			<b>30</b>	<b>31+(2)</b>

People (29)

- Mr. V. JUDE NIRMAL
- Mr. V.S JOE IRUDAYARAJ
- Mr. V.S JOE IRUDAYARAJ
- Mr. Y.SUNIL RAJ
- Mrs. A. Jennifer Jothi Mary
- Ms. A.H.AMALORPAVA
- Ms. SHERINE DOMINICK
- Rev. Dr. S. ARUL OLISU
- Mr. V.S JOE I

Dr. D.RAVINDRAN is presenting

You're presenting to everyone

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- Ms. A.H.AMALORPAVA
- Ms. SHERINE DOMINICK
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**Dr. Y. DOMINIC**  
Dean-School of Computing Sciences  
St. Joseph's College (Autonomous)  
Tiruchirappalli-620 002.

*[Signature]*  
Head of the Department  
Department of Computer Science  
St. Joseph's College  
Tiruchirappalli  
Tamil Nadu