

BOARD OF STUDIES IN COMPUTER SCIENCE - 31<sup>st</sup> Meeting.

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR, VELLORE DT

Date: 10/12/2020

Time: 3.00 pm - 3.45 pm

Venue: Google Meet

I. Constitution of the Board

1. Dr. L. Ravi, M.C.A., M.Phil., Ph.D.
2. Dr. S. Sagayaraj, M.C.A., M.Phil., Ph.D.
3. Mr. J. John Arokiaraj, M.Sc., M.Phil.,
4. Dr. M. Maria Dominic, M.Sc., M.Phil., Ph.D.
5. Mrs. A. Josephine Sahaya Mala, M.Com., M.C.A., M.Phil.,
6. Mr. D. Adiyaman, M.Sc. M.Phil., B.Ed.,
7. Mrs. R. Sandrilla, M.C.A.,
8. Mrs. M. Poovizhi, M.C.A., M.Phil.,
9. Mr. P. Karthick, M.Sc., M.Phil.,
10. Mr. S. John Bosco, M.C.A.,
11. Miss D. Gajalakshmi, M.C.A.,
12. Mr. M. Sarlinraj, M.Sc. M.Phil., B.Ed.,
13. Mr. S. Mohanraj, M.C.A., M.Phil.,
14. Mr. R. Denis, M.C.A. M.Phil.,
15. Mr. C. Sathishkumar, M.Sc., M.Phil.,
16. Dr. E. George Dharma Prakash Raj

Associate Professor,

School of Computer Science and Engineering,

Bharathidasan University, Tiruchirapalli,

Tamil Nadu, India.

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17. Dr. D. I. George Amalarethnam

Associate Professor

Department of Computer Science

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Tamilnadu, India

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Chairperson – UG & M.Phil

Chairperson – PG

Member

Member

Member

Member

Member

Member

Member

Member

Member

Member

Member

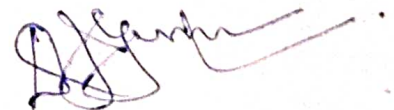
Member

Member

University Nominee



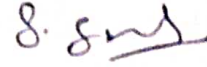
Subject Expert



18. Ms. Sorna

Project Assistant  
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sorna@nptel.iitm.ac.in

Alumni Representative



19. Mr. Srinivasan Narasimhan

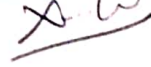
Srinivasan Narasimhan  
Principal Architect - Networking,  
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C/O Awfis Space Solutions Pvt. Ltd  
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Industry Representative

20. Rev. Fr. Xavier Mattam

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Student Member



21. Ms. S. Geethashree (BP190521)

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Student Member

22. Mr. A. Cyril Ruban (AU10505)

III B.Sc. Computer Science  
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Student Member

23. Mr. S. B. Devanand (BU180505)

III B.Sc. Computer Science  
devanandsbofficial@gmail.com

Student Member

## **II. Agenda (UG and M.Phil)**

1. Prayer of Invocation - Dr. L.Ravi
2. Welcome Address – Dr. S.Sagayaraj
3. MOM
  - Minutes of the 30<sup>th</sup> meeting of the Board of Studies of Dept. of Computer Science(UG & M.Phil.) – Prof. R.Sandrilla
4. Business to be transacted (UG and M.Phil)
  - Review of the Proposed structure of B.Sc Programme for the next revision
5. Concluding Remarks - External Members.
6. Vote of thanks – Prof.A. Josephine Sahaya Mala

## **III. 31<sup>st</sup> Minutes of the Meeting**

The Board of Studies meeting started with a prayer. All the members of the board were present. Dr. S. Sagayaraj formally welcomed the members of the board. Prof.R. Sandrilla read the 30<sup>th</sup> minutes of Board of Studies meetings and the minutes were passed.

The following suggestions were made in the meeting:

- Under 4<sup>th</sup> semester software Engineering is included instead of microprocessor, and microprocessor is moved to 6<sup>th</sup> semester in the place of Computer Graphics.
- Microprocessor lab is combined with UNIX and Shell programming practical.
- Computer Graphics is shifted to V semester ~~from~~ VI semester.
- Value added course/ Certificate course can be conducted in the beginning of the semester with one week of time, (ie., with 30 hours) to make the students actively participate and to strengthen the attendance of the students.

Finally Mrs.A.Josephine Sahaya Mala delivered the vote of thanks.

**V. PROGRAMME STRUCTURE AND SYLLABUS**  
**BSC PROGRAMME STRUCTURE**

Sem	Part	Code	Subject Title	Hours	Credit(s)
I	I		Tamil – I	5	3
	II		English – I	5	3
	III		Allied – I: Mathematics – I	6	4
	III		Problem solving techniques	3	3
	III		Web Development using HTML	4	4
	III		Practical I: Web Development using HTML	3	3
	IV		Personal Skills	2	1
	IV		Christian Religion - I / Value Education - I	2	1
	IV		Communicative English – I	-	1
			<b>30</b>	<b>23</b>	
II	I		Tamil – II	5	3
	II		English – II	5	3
	III		Allied – I: Mathematics – II	6	4
	III		Digital Computer Fundamentals	3	3
	III		Programming using C	4	4
	III		Practical II: Programming using C	3	3
	IV		Social Skills	2	1
	IV		Christian Religion - II / Value Education –II	2	1
	IV		Communicative English – II	-	1
			<b>30</b>	<b>23</b>	
III	I		Tamil – III	5	3
	II		English – III	5	3
	III		Allied – II: Physics – I	4	3
	III		Computer Organization and Architecture	3	3
	III		Data Structures and Algorithms using C	4	4
	III		Practical - III: Data Structures and Algorithms using C	3	3
	III		Practical: Allied – II: Physics – I	2	1
	IV		Employability Skills – I	2	1
	IV		Environmental Science	2	1
			<b>30</b>	<b>22</b>	
IV	I		Tamil – IV	5	3
	II		English – IV	5	3
	III		Allied – II: Physics – II	4	3
	III		Software Engineering	3	3
	III		Relational Database Management Systems	4	4
	III		Practical - IV: Relational Database Management Systems	3	3
	III		Practical : Allied – II: Physics - II	2	1
	IV		Employability Skills – II	2	1
	IV		Human Rights	2	1
	V		OUTREACH	-	2
	V		SHELTERS	-	2
			<b>30</b>	<b>26</b>	

Sem	Part	Code	Subject Title	Hours.	Credit(s)
V	III		Programming with JAVA	4	4
	III		Web Development using XML	4	4
	III		Programming with PHP	4	4
	III		Operating Systems	4	4
	III		Elective - I Computer Graphics .	3	3
	III		Practical - V: Programming with JAVA	3	3
	III		Practical - VI: Web Development using XML	3	3
	III		Practical - VII : Programming with PHP	3	3
	III		Non-Major Elective – I	2	1
				<b>30</b>	<b>26</b>
VI	III		Mobile Applications Development	4	4
	III		Programming with Python	4	4
	III		Linux and Shell Programming	4	4
	III		Computer Networks	4	4
	III		Elective – II Microprocessor using 8086/88	3	3
	III		Practical - VIII: Mobile Applications Development	3	3
	III		Practical - IX: Programming with Python	3	3
	III		Practical - X: Linux and Shell Programming/ Microprocessor using 8086/88	3	3
	III		Non-Major Elective – II	2	1
	III		Project Work	-	2
			<b>30</b>	<b>28</b>	
		<b>Total</b>	<b>180</b>	<b>148</b>	

BOARD OF STUDIES IN COMPUTER SCIENCE

-32<sup>nd</sup> Meeting

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR, VELLORE DT

Date: 19/04/2021

Time: 04:00 pm

Video-Communication Service: Google Meet

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University Nominee

Subject Expert

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Alumni Representative



19. Mr. Srinivasan Narasimhan

Srinivasan Narasimhan  
Principal Architect - Networking,  
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C/O Awfis Space Solutions Pvt. Ltd  
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Industry Representative

20. Rev. Fr. Xavier Mattam

Ph.D. Research Scholar  
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Student Member



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## II Agenda (UG and M.Phil)

1. Prayer of Invocation - Dr. L.Ravi
2. Welcome Address – Dr. S.Sagayaraj
3. MOM
  - Minutes of the 32<sup>nd</sup> meeting of the Board of Studies of Dept. of Computer Science (UG & M.Phil.) – Mrs. R.Sandrilla
4. Business to be transacted (UG and M.Phil)
  - Proposal to recommend the Programme Structure of B.Sc (Computer Science) under the choice based credit system.
  - Proposal to recommend the regulations for the theory and practical courses of B.Sc (Computer Science) under the choice based credit system.
  - Proposal to recommend Outcome based Curriculum Framework for UG Computer Science programme
  - Proposal to recommend the curriculum for the 6 semesters of B.Sc (Computer Science) under the choice based credit system.
5. Concluding Remarks - External Members.
6. Vote of thanks – Mrs. A. Josephine Sahaya Mala

## III Resolutions

1. Resolved to recommend programme structure, curriculum and regulations for B.Sc. Computer Science programme effective from the academic year 2021-22 onwards.