

## Cyber Security

### PG BOARD OF STUDIES IN COMPUTER APPLICATIONS Sacred Heart College (Autonomous), Tirupattur

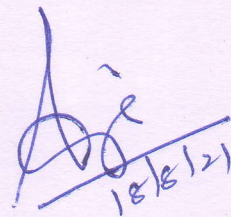
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Venue : Online (Google Meet)  
Date : November 18<sup>th</sup> 2021 (Thursday)  
Time : Between 02.00 PM and 05.00 PM.

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#### AGENDA

1. Prayer Song
2. Welcome Address
3. Minutes of Meeting of Board of Studies Meeting, held on 18<sup>th</sup> November 2021
4. Proposal of Outcome Based Education
5. Revision of Papers (Optimization Techniques and Applied Probability and Statistics) in PGDDS syllabus for 2021 – 2022 Batch.
6. Varia
7. Vote of Thanks



18/11/21

HEAD

PG & Research Dept. of Computer Applications,  
Sacred Heart College (Autonomous),  
Tirupattur-635 601, Tirupattur (Dt.)



Minutes of 14<sup>th</sup> Ordinary Meeting of  
Board of Studies in PG and Research Department of Computer  
Applications

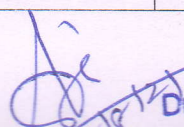
**Date** : 18<sup>th</sup> November 2021

**Time** : 02.00 PM

**Platform** : Google Meet


**Members Present**

S.No	Name of the Member	Designation
1	<b>Dr. A. George Louis Raja</b> Head, PG and Research Department of Computer Application, Sacred Heart College (Autonomous), Tirupattur	<b>Chairman</b>
2	<b>Dr. J. Bagyamani</b> Head of the Department Department of Computer Science Government Arts College Dharmapuri, Dharmapuri Dist. Ph: 94438 49453, Email: bagya.gac@gmail.com	<b>University Nominee</b>
3	<b>Dr. A. Cecil Donald</b> Assistant Professor Department of Computer Science CHRIST (Deemed to be University) Central Campus, Hosur Road, Bhavani Nagar, S.G. Palya, Bengaluru - 560029 Ph: 73059 13183, Email: cecildonald6@gmail.com	<b>Subject Expert</b>
4	<b>Mr. George Basker</b> Technical Support Engineer Mercedes Benz, 3 <sup>rd</sup> Cross Power House Colony Krishnagiri. Ph:88830 86638, Email: georgebaskar5@gmail.com	<b>Industry Representative</b>
5	<b>Ms. A. Joice Shakila</b> Assistant Professor PG Department of Computer Science, Sanghamam College of Arts and Science, Annamangalam, Villupuram District. Ph: 96000 30492, Email: amjoiceaugustine@gmail.com	<b>Alumni Representative</b>

  
Dr. A. GEORGE LOUIS RAJA  
Prof & Head.



6	Mr. V. Thomas Immanuel	<b>Member</b>
7	Mr. A. John Martin	<b>Member</b>
8	Mrs. K. Saravanapriya	<b>Member</b>
9	Mr. S. Anthony Philomen Raj	<b>Member</b>
10	Mr. R. Veeraragavan	<b>Member</b>

  
12/8/21  
**Dr. A. GEORGE LOUIS RAJA**  
Asst. Prof & Head,  
PG & Research Dept. of Computer Applications,  
Sacred Heart College (Autonomous),  
Tirupattur-635 601. Tirupattur (Dt.)



- He also elaborated on the need for OBE syllabi and the efforts made by the department towards the preparation of the OBE curriculum. He also presented a tentative structure of courses based on OBE to the board members, and he invited the members to give their suggestions through e-mail.

**ii. Inclusion of two new courses PG Diploma in Data Science instead of mathematics papers.**

- Dr. George Louis Raja opened the discussion on the proposal of two new courses instead of the following mathematics papers in PG Diploma in Data Science.
  - i. CADD101 - Optimization Techniques
  - ii. CADD104 - Applied Probability and Statistics
- He pointed out the justification behind this change of courses; the incumbents of the diploma will be from any B.Sc./B.A./ B.Com, programmes. These students would have already studied any Mathematics/ Allied Mathematics or Equivalent course in UG or Mathematics / Equivalent course in their +2. This is sufficient for them to pursue the PG diploma in Data Science.
- As per the recommendations from the industry experts, it will be appropriate to have mathematical application oriented courses in the post graduate diploma programmes.
- After discussions, the members accepted the above justification and unanimously resolved to replace the mathematical courses with equivalent mathematical application courses.
- The suggested courses recommended by the board are
  - Data Mining Tools
  - Data Analytics using Python

  
**Dr. A. GEORGE LOUIS RAJA**  
Asst. Prof & Head,  
Dept. of Computer Applications.



**PG AND RESEARCH BOARD OF STUDIES IN COMPUTER APPLICATIONS**  
**Sacred Heart College (Autonomous), Tirupattur**

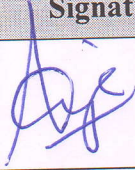

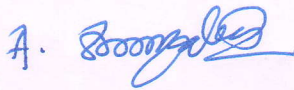

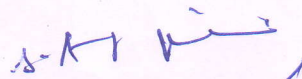

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Venue : GOOGLE MEET  
Date : November 18<sup>th</sup> 2021(Thursday)  
Time : Between 2.00 pm - 05.00 pm.

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**ACKNOWLEDGEMENT**

**MEMBERS PRESENT FOR THE MEETING**

S.No	Name and Address	Designation	Signature
1	Dr. A. George Louis Raja	Chairman	
2	Prof. V. Thomas Immanuel	Member	
3	Prof. A. John Martin	Member	
4	Prof. K. Saravanapriya	Member	
5	Prof. S. Anthony Philomen Raj	Member	
6	Prof. R. Veeraragavan	Member	



**PG BOARD OF STUDIES IN COMPUTER APPLICATIONS  
Sacred Heart College (Autonomous), Tirupattur**

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Venue : BOSCO Presentation Hall, John Med Block, Sacred Heart College, Tirupattur  
Date : April 08<sup>th</sup> 2022 (Friday)  
Time : Between 10.00 AM to 01.00 PM.

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**AGENDA**

1. Prayer Song
2. Welcome Address
3. Minutes of Meeting of Board of Studies Meeting, held on 18<sup>th</sup> November 2021
4. Proposal of Outcome Based Education
5. Varia
6. Vote of Thanks



Minutes of 15<sup>th</sup> Ordinary Meeting of  
Board of Studies in PG and Research Department of  
Computer Applications

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**Date** : 8<sup>th</sup> April 2022  
**Time** : 10.00 AM  
**Venue** : Bosco Presentation Hall, John Med Block

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**Members Present**

S.No	Name of the Member	Designation
1	<b>Dr. A. George Louis Raja</b> Head, PG and Research Department of Computer Application, Sacred Heart College (Autonomous), Tirupattur	<b>Chairman</b>
2	<b>Dr. L. Ravi</b> Director – MCA, Sacred Heart College (Autonomous), Tirupattur	<b>Director</b>
3	<b>Dr. J. Bagyamani</b> Head of the Department Department of Computer Science Government Arts College Dharmapuri, Dharmapuri Dist. Ph: 94438 49453, Email: <a href="mailto:bagya.gac@gmail.com">bagya.gac@gmail.com</a>	<b>University Nominee</b>
4	<b>Dr. A. Cecil Donald</b> Assistant Professor Department of Computer Science CHRIST (Deemed to be University) Central Campus, Hosur Road, Bhavani Nagar, S.G. Palya, Bengaluru - 560029 Ph: 73059 13183, Email: <a href="mailto:cecildonald6@gmail.com">cecildonald6@gmail.com</a>	<b>Subject Expert</b>
5	<b>Balaji Selvarajan</b> Head – AI Solution Architect SCNXT AIML Delivery Standard Chartered GBS, Haddows Road Chennai Ph: 9840977186 Email: <a href="mailto:balaji.selvarajan@sc.com">balaji.selvarajan@sc.com</a>	<b>Industry Representative</b>



6	<b>Dr. Peter Jose</b> Assistant Professor Department of Computer Science Kristu Jayanti College Bengaluru Ph: 7904562539 Email : peter.p@kristujeyanti.com	<b>Alumni Representative</b>
7	Mr. Samuel Addassa Abban , III MCA Ms. Vinitha, II MCA	<b>Student Representative</b>
8	Mr. V. Thomas Immanuel	<b>Member</b>
9	Mr. A. John Martin	<b>Member</b>
10	Dr. K. Saravanapriya	<b>Member</b>
11	Mr. S. Anthony Philomen Raj	<b>Member</b>
12	Mr. R. Veeraragavan	<b>Member</b>



## **Agenda**

- Invocation & Welcome
- Minutes of the 14<sup>th</sup> Board of Studies meeting held on 18<sup>th</sup> November 2021.
- Review of the Outcome Based Education structure of MCA
- Proposed Curriculum Structure for PG diploma in Data Science
- Proposed Curriculum Structure for PG Diploma in **Cyber Security**
- Varia
- Vote of Thanks

## **Proceedings**

The meeting began with invocation at 10.0 A.M. All the board members were present for the meeting. Dr. K. Saravapriya welcomed the board members and read the minutes of board of studies meeting held on 18<sup>th</sup> November 2021 and the same was approved and passed.

Dr. A. George Louis Raja, the chairman briefed the initiative taken by the Curriculum Development Cell of the college and the need for proposing the OBE curriculum frame for the existing syllabi. He went on explaining in detail about the following to the board members

- Vision and Mission of the Department
- PO – Programme Outcome of the Post Graduate Courses
- PEO – Programme Educational Objectives of the MCA programme / PG Diploma Programme.
- PSO – Programme Specific Outcome of the MCA programme / PG Diploma Programme.
- Graduate Attributes
- Creation of Course Outcome for all the courses.
- The mapping of PO with PSOs / Cos.



### **i. Suggestions given by the Board Memebers**

Following were suggestions given by the board members

- Mapping of COs with Cognitive levels could be optional.
- The number of COs can be reduced such that 40% low level order content and the remaing high level order content can be .
- can have but at the same time it shoud be ensured that all the cognitive levels are met.

After detailed discussions, the Panel members accepted and approved the syllabi of the MCA Programme, PG Diploma in **Cyber Security**, and PG Diploma in Data Science.

The meeting concluded with a vote of thanks by Dr. A. George Louis Raja.

### **Following were the decisions of the meeting**

- It was decided to get suggestions from the members through mail to frame the curriculum based on OBE.
- Board members permitted the MCA board to continue with the existing syllabi of the MCA programme for the batch of students admitted from 2021-2022 onwards.
- The proposed structure and curriculum for Postgraduate Diploma in Data Science and Postgraduate Diploma in Cyber Security was accepted and approved by the board.

The meeting concluded with words of gratitude by Dr.A.George Louis Raja, the chairman.



**PG BOARD OF STUDIES IN COMPUTER APPLICATIONS**  
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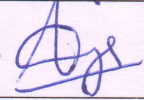

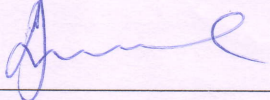


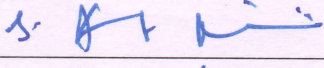
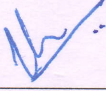
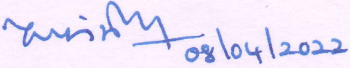
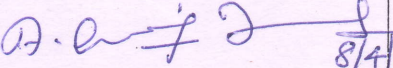
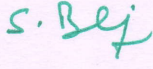

Venue : BOSCO Presentation Hall, John Med Block, Sacred Heart College, Tirupattur

Date : April 08<sup>th</sup> 2022 (Friday)

Time : Between 10.00 am and 01.00 pm.

**ACKNOWLEDGEMENT**

**MEMBERS PRESENT FOR THE MEETING**

S.No	Name and Address	Designation	Signature
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2	Dr. L. Ravi	Director	
3	Prof. V. Thomas Immanuel	Member	
4	Prof. A. John Martin	Member	
5	Dr. K. Saravanapriya	Member	
6	Prof. S. Anthony Philomen Raj	Member	
7	Prof. R. Veeraragavan	Member	
8	Dr. J. Bagyamani	University Nominee	 08/04/2022
9	Dr. A. Cecil Donald	Subject Expert	 8/4/2022
10	Mr. Balaji Selvarajan	Industry Representative	
12	Dr. Peter Jose P	Alumni Representative	
13	Mr. Samuel Adasa Abban	Student Representative	