Minutes of 12th Ordinary Meeting of
PG and Research Board of Studies in Computer Applications

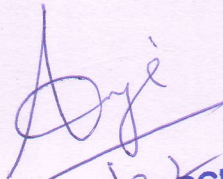**Date : 04th December 2020**   **Venue : Google Meet**   **Time : 10.30.AM**

Members Present

S.No	Name of the Member	Designation
1	**Dr. A. George Louis Raja** Head, PG and Research Department of Computer Application, Sacred Heart College (Autonomous), Tirupattur	**Chairman**
2	**Dr. J. Bagyamani** Head of the Department Department of Computer Science Government Arts College Dharmapuri, Dharmapuri Dist. Ph: 94438 49453, Email: bagya.gac@gmail.com	**University Nominee**
3	**Dr. S. Behin Sam** Assistant Professor Dept. of Computer Science Dr. Ambedkar Govt Arts College Vyasarpadi, Chennai – 600 039	**Subject Expert**
4	**Mr. George Kallarackal** IT Coordinator, United Metal Coating L.L.C, Dubai	**Industry Representative**

	Ph: +971 529430171, Email: george@umcuae.ae	
5	**Ms. A. Joice Shakila** Assistant Professor PG Department of Computer Science, Sanghamam College of Arts and Science, Annamangalam, Villupuram District. Ph: 96000 30492, Email: amjoiceaugustine@gmail.com	**Alumni Representative**
6	**Dr. L. Ravi** Director, PG and Research Department of Computer Applications, Sacred Heart College (Autonomous), Tirupattur	**Member**
7	Mr. V. Thomas Immanuel	**Member**
8	Mr. A. John Martin	**Member**
9	Mrs. K. Saravanapriya	**Member**
10	Mr. S. Anthony Philomen Raj	**Member**
11	Mr. P. Sugumar	**Member**
12	Mr. R. Veeraragavan	**Member**
13	Ms. Naveena	**Student Representative**
14	Mr. Sundarraj	**Student Representative**

Dr. A. GEORGE LOUIS RAJA
Asst. Prof & Head,
PG & Research Dept. of Computer Applications,
Sacred Heart College (Autonomous),
Tirupattur (Dt.)

Proceedings

The meeting began at 10.30 AM with the invocation. All board members were present. Ms. K. Saravanapriya welcomed the board members. Dr. A. George Louis Raja read out the Minutes of 11th Board of Studies Meeting held on 15/12/2020. He also briefed the agenda of 12th Board meeting as:

- Inclusion of two elective papers in the fourth semester
- Introduction of Postgraduate Diplomas in Data Science and Cyber Security

Review of the 12th board of studies meeting held on 04/12/2020 and the resolutions:

Inclusion of two elective papers in the fourth semester

- Dr. George Louis Raja presented that, as per the directions from AICTE, the duration of MCA programme has been reduced to Two years from Three Years. The decision was later accepted and forwarded by the State Government.
- In this line, since there was no order issued during the previous board meeting. The panel members suggested to adopt the Lateral Entry syllabus (followed from the batches 2017) for the Two year pattern of MCA, if finalized.
- At present the newly admitted MCA batch (2020-22) is following the two years lateral entry structure implemented from the batch 2017.
- Since all the Two year Postgraduate programmes with project/field work in the last semester, have included papers alongside the project/field work. He presented the need for the inclusion of two elective papers in the 4th semester in the syllabi.
- After detailed discussions, the Board members unanimously accepted the same.

- As to facilitate the students with more choices under CBCS pattern, the panel decided to include two elective papers, Elective IV and Elective V, the panel also proposed the titles of the papers to be taught under these electives as

  Elective IV
  - Machine Learning
  - Introduction to Data Analytics

  Elective V
  - Introduction to Block Chain Management
  - Cyber Security

Introduction of Postgraduate Diplomas in Data Science and Cyber Security

Dr. George Louis Raja opened the discussion on the proposal of two new Postgraduate Diploma courses. The proposed courses were Data Science and Cyber Security which are opened for any postgraduate students pursuing their degree in Sacred Heart College. He added that the course can even be opted by a postgraduate student parallelly along with their regular degree

He presented the structure of the course to the panel members that the course comprises of 30 hours which includes theory as well as practical papers along with theory combined practical papers. He also explained about the uniqueness of the TCP papers.

- Dr. J. Bagyamani suggested to include some programming papers like R, Matlab or some tools can be introduced like Weka etc., in the Data Science course.
- Dr. Behin Sam suggested including a paper on cyber laws, so that the students can be aware about the laws that exists under the area.

DR. A. GEORGE LOUIS RAJA

◻ The Panel members appreciated and accepted the structure of the Diploma course.

After detailed discussions, the Panel members accepted and approved the structure of the Diploma courses.

Following were the recommendations given by the panel members

Dr. J. Bagyamani (University Nominee)

- She suggested to include some programming papers like R, Matlab or some tools can be introduced like Weka etc in the Diploma Course.
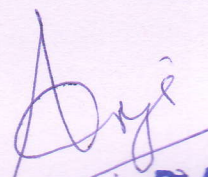
Dr. Behin Sam (Subject Expert)

- He requested the board members to classify the courses like Skill / Employability / Management / Technical.
- He asked the members to include a paper on cyber laws.

Mr. George Kallarackal

- Mr. George Kallarackal, the Industry Expert appreciated that the curriculum is well structured with latest technologies as per the industry standards.

Recommendations of the 12th Board of Studies
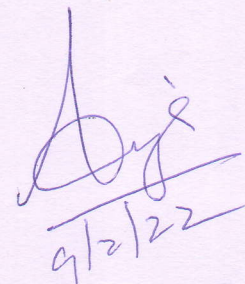
i. The board accepted to include two elective papers in the fourth semester along with the main project work.

Dr. A. GEORGE LOUIS RAJA
Asst. Prof & Head,

ii. The board approved the structure of Postgraduate diplomas in Data Science and <mark>Cyber Security</mark>.

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

9/2/22

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Asst. Prof & Head,
PG & Research Dept. of Computer App   :s,
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Tirupattur-635 601. Tirupattur (Dt.)

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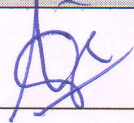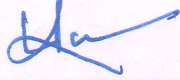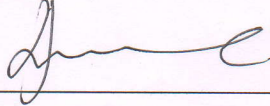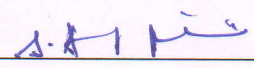## Sacred Heart College (Autonomous), Tirupattur

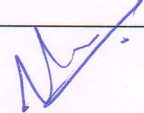Venue : GOOGLE MEET
Date : December 04th 2020
Time : Between 10.30 am and 01.00 pm.

ACKNOWLEDGEMENT

MEMBERS PRESENT FOR THE MEETING

S.No	Name and Address	Designation	Signature
1	Dr. A. George Louis Raja	Chairman	
2	Dr. L. Ravi	Director	
3	Prof. V. Thomas Immanuel	Member	
4	Prof. A. John Martin	Member	
5	Prof. K. Saravanapriya	Member	
6	Prof. S. Anthony Philomen Raj	Member	
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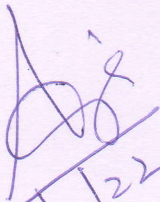
Date : 16th April 2021	Platform : GMEET	Time : 02.00 PM

Members Present

S.No	Name of the Member	Designation
1	**Dr. A. George Louis Raja** Head, PG and Research Department of Computer Application, Sacred Heart College (Autonomous), Tirupattur	**Chairman**
2	**Dr. J. Bagyamani** Head of the Department Department of Computer Science Government Arts College Dharmapuri, Dharmapuri Dist. Ph: 94438 49453, Email: bagya.gac@gmail.com	**University Nominee**
3	**Dr. S. Behin Sam** Assistant Professor Dept. of Computer Science Dr. Ambedkar Govt Arts College Vyasarpadi, Chennai – 600 039	**Subject Expert**
4	**Mr. P. Madhavan** Senior Software Engineer, IT Application Management, Dell Digital Data Science Solutions	**Industry Representative**

Dr. A. GEORGE LOUIS RAJA

5	Delivery Team, Dell Technologies. Ph: 8148308200	
	Ms. A. Joice Shakila Assistant Professor PG Department of Computer Science, Sanghamam College of Arts and Science, Annamangalam, Villupuram District. Ph: 96000 30492, Email: amjoiceaugustine@gmail.com	**Alumni Representative**
6	**Dr. L. Ravi** Director, PG and Research Department of Computer Applications, Sacred Heart College (Autonomous), Tirupattur	**Member**
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11	Mr. R. Veeraragavan	**Member**

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Asst. Prof & Head,
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Tirupattur (Dt.)

Agenda

1. Prayer Song
2. Welcome Address
3. Minutes of Meeting of Board of Studies Meeting, held on 04th December 2020
4. Revision of the MCA syllabus for 2021 – 2023 Batch.
5. Inclusion of papers for 3rd and 4th semester for 2020 – 2021 Batch.
6. Post Graduate Diploma in Data Science and Cyber Security.
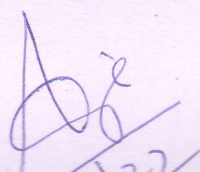7. Varia
8. Vote of Thanks

Proceedings

The meeting began at 02.00 PM with the invocation through GMEET. All board members were present. Ms. K. Saravanapriya welcomed the board members. Mr. A. John Martin read out the Minutes of 12th Board of Studies Meeting held on 04/12/2020. He also briefed the objectives of the Board of Studies meeting and explained the detailed structure of the syllabi. He highlighted that the duration of MCA programme is 2 year as per the direction from the AICTE and UGC.

The board approved the Programe Structure and the syllabi for the approval by the academic council with the following recommendation.

MCA syllabi for 2021 – 2023 Batch

Semester - I

- In Scripting Technology course, after HTML 5 Boostrap could be included.

- Automated test case generating tools could be included in Software Testing and Quality Assurance Course.
- In Optimization Technique Course, Unit 3 and 4 can be swapped. Also the board suggested including networking topics in the future revision.

Semester – II

- In Enterprise Applications with .Net course, SSIS, Repository and Data Transfer Packages could be included.

Inclusion of papers for 3rd and 4th semester for 2020 – 2021 Batch.

- Board members approved the inclusion of the papers for 3rd and 4th semester for the students admitted from 2020-2021.

Post Graduate Diploma in Data Science and Cyber Security.

- Board members suggested incorporating the course objectives for all the courses.
- The name of the course "Big Data in Internet of Things" could be renamed that meet the objectives of the course.
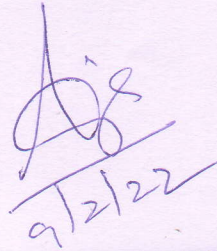
General Observation

- The board members suggested to follow uniformity in listing the courses in the structure (like Core Paper with Practical, Pure Practical, Elective, Skill Courses)
- Text and References could be followed any standards formatting (like Author Name, Book Name, Publishes, Year).
- Instead of mentioning "List of Practical" for the practical papers, it could be like "Praticals for _____ (Name of the Course)"
- Uniformity in describing the course objectives should be followed.
- Software Project guidelines can be

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- ○ ***Internal - 50 Marks***
    - ▪ Review – 1 – 20 Marks
    - ▪ Review – 2 – 20 Marks
    - ▪ Regularity -10 Marks
- ○ ***External – 50 Marks***
    - ▪ Report – 30 Marks
    - ▪ Vivo – 20 Marks
- • Internal components can be decided in the standing committee of the board.

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

9/2/22

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PG AND RESEARCH BOARD OF STUDIES IN COMPUTER APPLICATIONS
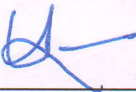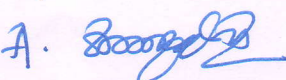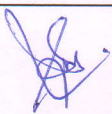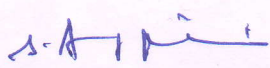## Sacred Heart College (Autonomous), Tirupattur
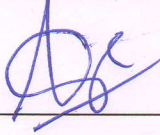
Venue : GOOGLE MEET
Date : April 16th 2021
Time : Between 2.00 pm - 04.30 pm.

ACKNOWLEDGEMENT

MEMBERS PRESENT FOR THE MEETING

S.No	Name and Address	Designation	Signature
1	Dr. A. George Louis Raja	Chairman	
2	Dr. L. Ravi	Director	
3	Prof. V. Thomas Immanuel	Member	
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