

**Minutes of Ninth Ordinary Meeting of
PG and Research Board of Studies in Computer Applications**

Date : 12th December 2018

Venue : John Med Block

Time : 10.30.AM

Members Present

S.No	Name of the Member	Designation
1	Mr. A. George Louis Raja Head, PG and Research Department of Computer Application, Sacred Heart College(Autonomous), Tirupattur	Chairman
2	Dr.L. Arockiam Associate Professor Department of Computer Science St. Joseph's College (Autonomous), Tiruchirappalli - 620 002.	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. S. Raymond Raja Solution Architect Nokia Networks Pvt LMT Rajakilpakkam, Chennai - 600073.	Industry Representative
5	Dr. P. V. Praveen Sundar Director and Head, PG Department of Computer Applications, Shanmuga Industries Arts and Science College, Manulurpet Road, Thiruvannamalai - 606 603	Alumni Representative
6	Dr. L. Ravi Director, PG and Research Department of Computer Application, 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 Philomenraj	Member
11	Mr. P. Sugumar	Member
12	Mr. R. Veeraragavan	Member
13	Ms. Anbukarasi	Research Scholar (M.Phil)
14	Mr. Kalaiarasu	Student Representative

Proceedings

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

Venue : BOSCO Presentation Hall, John Med Block, Sacred Heart College, Tirupattur
Date : December 12th 2018 (Wednesday)
Time : Between 10.30 am and 01.00 pm.

AGENDA

1. Prayer Song
2. Welcome Address
3. Minutes of Meeting of Board of Studies Meeting, held on 16th December 2018
4. Action Taken Report
5. Presenting the Syllabus feedback Analysis from Students, Faculties, Parents and Alumni.
6. Discussion on the current MCA curriculum implemented from 2017 onwards
7. M.Phil Guide Paper
8. Planning for the Structure of next Revision
9. Vote of Thanks

sent. Mr.
th Board
otation of

2/2017.

f Studies
e Staff /
to adopt
ed in the

s in the

research

in the

credits

iculum
in the

gested
l with

ility /

ICTE

The meeting began at 10.30 AM with the invocation. All board members were present. Mr. George Louis Raja welcomed the board members and briefed the objectives of 9th Board meeting. He briefed the panel members about the revisions of the syllabi and the adaptation of CBCS from 2017.

Mrs. K. Saravanapriya read out the Minutes of 7th Board of Studies Meeting held on 16/12/2017.

Review of the 8th board of studies meeting held on 16/12/2017 and the resolutions:

- Mr. George Louis Raja presented the Action Taken Report of the 8th Board of Studies Meeting to the panel. He also presented the summary of feedback from the Staff / Students / Parents / Alumni to the panel. He added that the focus has been given to adopt AICTE core papers into the curriculum and the local need has been addressed in the revision.
- He explained the structure of the curriculum and briefed about the uniqueness in the syllabi
 - Theory cum practical in the following papers
 - Business Process - I Semester
 - Operating System - II Semester
 - XML and Web Service - III Semester
 - Linux and Network Programming - IV Semester
 - Data Information Security - V Semester
- He elaborated about the importance given to Research Domain to inculcate the research culture among the students.
- He gave the details about the life and employment skill courses incorporated in the curriculum to panel.
- He also informed the panel about the certificate courses to acquire additional credits which was the provision made for the fast learners.
- Panel members appreciated the department for the efforts taken to prepare the curriculum which fulfills the industry need and make the student to meet the challenges in the industry.

Following were the recommendations given by the panel members

Recommendations

Dr. L. Arockiam (University Nominee)

- He asked the members to refer the University for the Grading System. He also suggested to include internship in the curriculum and credit for this course may be adjusted with main project credit.
- He requested the board members to classify the courses like Skill / Employability / Management / Technical.
- He asked the members to summarize the percentage of courses adopted from AICTE model MCA curriculum.

- He recommended the members to insist the students to publish the project work as a publication.
- He suggested that the management and the department should not worry about the end semester result but take care of students' placement. For this the department can create a model and give orientation to the students.

Dr. L. Ravi (Director, MCA Department)

- He recommended the members to look into M.Sc. (C.S) curriculum to get an idea for the internship course. He also insisted to identify companies to establish MoU for the internship.
- He gave an idea of connecting Alumni to help the students in the academic as well personal skill development.

Mr. Raymond Raja (Industry Representative)

- Since the industry is looking for persons with the skills in recent technologies like IoT, Data Analytics, it is better to include course content which fulfills the demand from the industry.

Dr. P.V. Praveen Sundar (Alumni Representative)

He suggested the following books to be included in the reference list

Programming in C

Text Book : Programming in C by Reena Thareja.

Reference Book :

1. The C Programming Language – 2015 by Brain W. Kernighan and Dennis Ritchie Second Edition

Internet Concepts and Web Design

- In Chapter 5, include sessions and cookies concept in javascript.

Object Oriented Programming with C++

Text Book : Object Oriented Programming with C++ - Reema Thareja

Reference Book :

1. The C++ Programming Language – Bjarne Stroustrup
2. Programming : Principles and Practice Using C++ (2nd Edition) - Bjarne Stroustrup
3. Hebert Schidt, "C++; The Complete Reference", 4th Edition, Tata McGraw Hill, 2017.
4. Yashvant Kanethkar, "Let us C++", BPB Publications, 2012.
5. More effective C++ by Scott Meyers, 2002.

6. C++ Templates : The Complete Guide by David Vandevoorde and Nicolai M. Josuttis, 2002.

Data Structures

Reference Book

1. Fundamentals of Data Structure in C++ (Second Edition) – Sahni Horowitz.
2. Data Structures and Algorithm Made Easy : Data Structures and Algorithmic Puzzles – Narasimha Karumanchi
3. Data Structure Through C++, Yashavant P. Kanetkar.

Enterprise Applications Using .NET

Reference Book

1. Pro WPF in C# 2008: Windows Presentation Foundation with .NET 3.5 by Mathew MacDonald
2. Scott Millet, "Professional ASP.NET Design Patterns" Paperback, 2011.
3. C# 7.1 and .NET Core 2.0 – Modern Cross-Platform Development – Third Edition by Mark J. Price
4. Professional C# 4 and .NET 4 by Christian Nagel, Bill Evjen, Jay Glynn, Karli Watson, Morgan Skinner

Software Testing and Quality Assurance

Reference Book

1. Software Engineering by Rajib Mall, PHI 2014.
2. Software Testing : A Craftman's Approach by Paul C. Jorgensen, Third Edition.

M.Phil (CA)

- Guide Specific Paper (eLearning) passed by the board members with the following recommendations
 - Dr. L. Arockiam recommended members to include Application Oriented / Design Oriented questions in the question papers, the question paper should kindle the students to think. He also recommended the members to find out the recent publication for the text books and for the references.
 - Dr. Behin Sam recommended the members to include algorithms instead of theory in Fortier Areas of Research Paper.

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

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



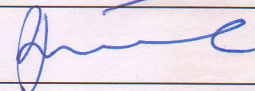
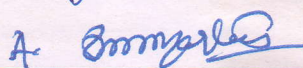


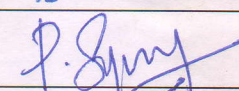

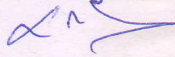
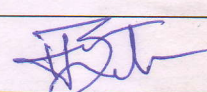
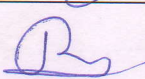

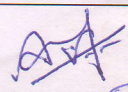
Venue : BOSCO Presentation Hall, John Med Block, Sacred Heart College, Tirupattur

Date : December 12th 2018 (Wednesday)

Time : Between 10.30 am and 01.00 pm.

ACKNOWLEDGEMENT

MEMBERS PRESENT FOR THE MEETING

S.No	Name and Address	Designation	Signature
1	Dr. L. Ravi	Director	
2	Prof. A. George Louis Raja	Chairman	
3	Prof. V. Thomas Immanuel	Member	
4	Prof. A. John Martin	Member	
5	Prof. K. Saravanapriya	Member	
6	Prof. S. Anthony Philomen Raj	Member	
7	Prof. P. Sugumar	Member	
8	Prof. R. Veeraraghavan	Member	
9	Dr. L. Arockiam	University Nominee	
10	Dr. S. Behin Sam	Subject Expert	
12	Mr. S. Raymond Raja	Industry Representative	
14	Dr. P. V. Praveen Sundar	Alumni Representative	
16	Ms. V. Anbukarasi	Student Member (M.Phil)	
17	Mr. S. Kalaiyarasu	Student Member (MCA)	