

**MINUTES OF THE SEVENTH MEETING OF THE BOARD OF STUDIES OF THE  
COMPUTER APPLICATIONS (PG) DEPARTMENT HELD ON 9<sup>TH</sup>, DECEMBER 2023**

The 7<sup>th</sup> Meeting of the Board of Studies (BoS) of the Computer Applications (PG) Department was held on 9<sup>th</sup> December, 2023 in which the following members were present:

Sl. No.	Name of the Subject Experts	Role	Designation & Contact Address
1	Dr. B. Shamina Ross	Chairperson	Associate Professor Department of Computer Applications Scott Christian College(Autonomous) Nagercoil-3
2	Mrs. P. Ezhil Roja	Faculty Member	Assistant Professor Department of Computer Applications Scott Christian College(Autonomous) Nagercoil-3
3	Dr. C. Thinkal Dayana	Faculty Member	Assistant Professor Department of Computer Applications Scott Christian College(Autonomous) Nagercoil-3
4	Dr. M. Anline Rejula	Faculty Member	Guest Lecturer Department of Computer Applications Scott Christian College(Autonomous) Nagercoil-3
5	Dr. V. Sindhu Janita Prakash	Subject Expert from outside Parent University	Professor & Head, Department of Computer Science, Cauvery College for Women(A), Annamalainagar, Trichy - 620018

*Dr. B. Shamina Ross, M.Sc., M.Phil., Ph.D.,  
Associate Professor and Head  
Department of Computer Applications (P.G)  
Scott Christian College (Autonomous)  
Nagercoil - 629 003*

*Dr. D. Henry Raja*  
**Dr. D. HENRY RAJA**  
PRINCIPAL i/c  
SCOTT CHRISTIAN COLLEGE (AUTONOMOUS)  
NAGERCOIL - 629 003

6	Dr.C.Beulah Christalin Latha	Subject Expert from outside Parent University	Associate Professor, Department of Digital Sciences, Karunya Institute of Technology and Sciences, Coimbatore
7	Dr. P. Arockia Jansi Rani	University Nominee	Associate Professor, Department of Computer Science and Engineering, Manonmaniam Sundaranar University, Tirunelveli-12
8	Dr. P. Sundareswaran	Subject Expert (Special Courses)	Assistant Professor Department of Computer Science and Engineering Manonmaniam Sundaranar University Tirunelveli-12 Mobile: 9487301765 psundareswaran@msuniv.ac.in
9	T. Edwin Raj	Industrialist	Director, Loop Spring Technology and Consultancy Pvt. Ltd. R. Thankraj Building, Near RTO, Kozhiporvilai, Mulagumoodu-629167
10	M. S. Sumi	Alumni	Senior System Engineer, Cognizant Pvt. Ltd., Chennai

The meeting of the Board of Studies of the Computer Applications–PG Department was held on 9<sup>th</sup> December 2023 at 10 am in the MCA Lab.

In the beginning, the Chairperson introduced and welcomed the members. The Chairperson also acknowledged and appreciated the significant contributions of the outgoing members during the last BoS.

  
**Dr. B. Shamina Ross, M.Sc., M.Phil., Ph.D.,**  
 Associate Professor and Head  
 Department of Computer Applications (P.G)  
 Scott Christian College (Autonomous)  
 Nagercoil - 629 003

  
**Dr.D. HENRY RAJA**  
 PRINCIPAL i/c  
 SCOTT CHRISTIAN COLLEGE (AUTONOMOUS)  
 NAGERCOIL-629 003



Thereafter, the agenda were taken up for discussion.

<b>Minute No.</b>	<b>Minutes</b>
<b>1</b>	<p><b><i>Confirmation of the Minutes of the 6<sup>th</sup> BoS meeting held on 24<sup>th</sup> June 2023</i></b></p> <p>The member-secretary Mrs P. Ézhil Roja read the minutes of the 6<sup>th</sup> BoS meeting held on 24<sup>th</sup> June 2023 and the minutes were confirmed.</p>
<b>2</b>	<p><b><i>Action Taken Report on the Minutes of the 6<sup>th</sup> BoS meeting</i></b></p> <p>The members of BoS carefully perused the Action Taken Report (ATR) presented by the Faculty Head, Dr. B. Shamina Ross, and expressed their satisfaction and appreciation.</p>
<b>3</b>	<p><b><i>Review of Academic and Administrative Audit (AAA) Report 2022-23.</i></b></p> <p>The Faculty Head, Dr. B. Shamina Ross presented the AAA report criteria-wise and the members of BoS carefully reviewed the AAA report and proposed the following suggestions for improvement.</p> <p>a) To increase Tutorial hours for theory papers.</p>
<b>4</b>	<p><b><i>Review of Feedback Report on curriculum obtained from Students, Teachers, Employers, Alumni.</i></b></p> <p>The Faculty Head, Dr. B. Shamina Ross, presented the Feedback Report obtained from Students, Teachers, Employers, Alumni on the curriculum of MCA for the academic year 2022-2023.</p> <p>The members of BoS carefully reviewed the Feedback Report received from the stake holders and proposed the following actions to be taken in the curriculum.</p> <p>a) To introduce Report Writing – Paper Publication</p>

  
**Dr. B. Shamina Ross, M.Sc., M.Phil., Ph.D.,**  
**Associate Professor and Head**  
**Department of Computer Applications (P.G)**  
**Scott Christian College (Autonomous)**  
**Nagercoil - 629 003**

  
**Dr. D. HENRY RAJA**  
**PRINCIPAL i/c**  
**SCOTT CHRISTIAN COLLEGE (AUTONOMOUS)**  
**NAGERCOIL - 629 003**

5

**Introduction of new courses from the academic year 2023-24.**

Dr. B. Shamina Ross proposed the introduction of the following NEW courses in the curriculum of MCA Department from the academic year 2023-24.

1. Core/Elective courses with local/regional/national/global relevance

Name of the Course	Relevance to the local, national, regional and global development needs.
Data Structures and Algorithms	Global – To solve a real-life problem in quite less time and more efficiently with a better understanding of the world.
Database Systems	Global - It is used for wide range of global activities, such as data storage, data analysis, and data management
Advanced Machine Learning Using R	Global - Widely used in data analysis and statistical computing in business applications by statisticians and data scientists across the world
Cyber Security	Global - Protection and defense of internet-connected devices and services from malicious attacks by hackers, spammers, and cyber criminals.
Dot Net Technologies	Global - .NET is a high demand programming language among programmers and software developers world wide.
Block Chain Technologies	Global - Create a decentralized database with the potential to revolutionize to interact with the digital world.
Cryptography and Network Security	Global - Security measures to protect data on computer network.
Web Technologies	Global - Create web-based applications globally
Computer Vision	Global - Incredibly powerful tool for any

*mea*  
11/2/23  
**Dr. B. Shamina Ross, M.Sc., M.Phil., Ph.D.**  
Associate Professor and Head  
Department of Computer Applications (P.G)  
Scott Christian College (Autonomous)  
Nagercoil - 629 003

*Henry Raja*  
**Dr.D. HENRY RAJA**  
PRINCIPAL i/c  
SCOTT CHRISTIAN COLLEGE (AUTONOMOUS)  
NAGERCOIL - 629 003



		company and for society as a whole.
Internet of Things		Global – Transfer of data packets across a unique and connected network world-wide
Social Network		Global - Connect people and businesses all over the world.
Data Science		Global – Study that involves collecting, analyzing and interpreting large set of data to solve real world problems.
Digital Forensics		Global – Investigation of digital data - global usage.
Data Structures and Algorithms Lab		Global - Solve a real-life problem practically in quite less time and more efficiently with a better understanding of the world
Database Systems Lab		Global - It is used for wide range of global activities, such as data storage, data analysis, and data management practically .
Advanced Machine Learning Using R Lab		Global - practical application of data analysis and statistical computing in business s by statisticians and data scientists across the world.
Cyber Security Lab		Global – Global protection and defense of internet-connected devices and services from malicious attacks by hackers, spammers, and cybercriminals practically.
Dot Net Technologies Lab		Global – Practical application of .NET which is a high demand programming language among programmers and software developers world-wide.
Block Chain Technologies Lab		Global - Practical application of de-centralized database with the potential to revolutionize to interact with the digital world.

  
**Dr. B. Shamina Ross** M.Sc., M.Phil., Ph.D.  
 Associate Professor and Head  
 Department of Computer Applications (P.G)  
 Scott Christian College (Autonomous)  
 Nagercoil - 629 003

  
**Dr. D. HENRY RAJA**  
 PRINCIPAL i/c  
 SCOTT CHRISTIAN COLLEGE (AUTONOMOUS)  
 NAGERCOIL - 629 003

Cryptography and Network Security Lab	Global - Practical application of security measures to protect data on computer network.
Web Technologies Lab	Global - Practical application of web-based applications globally.
Computer Vision Lab	Global - Practical application of incredibly powerful tool for any company and for society as a whole.
Internet of Things Lab	Global - Practical application of transfer of data packets across a unique and connected network world-wide
Social Network Lab	Global - Practical application of Connecting people and businesses all over the world.
Report Writing/MOOCs	Global - Presentation in conferences/ seminars or publication of articles in journal or MOOCs

2. Courses for employability/entrepreneurship/skill development

Name of the Course	Activities/Content with direct bearing on Employability/ Entrepreneurship/Skill development
Data Structures and Algorithms	Skill development
Database Systems	Employability
Advanced Machine Learning Using R	Employability
Cyber Security	Employability
Dot Net Technologies	Employability
Block Chain Technologies	Skill development
Principles of Management	Entrepreneurship
Management Information Systems	Entrepreneurship
E-Commerce and Web Applications	Entrepreneurship

*Dr. B. Shamir*  
**Dr. B. Shamir Ross, M.Sc., M.Phil., Ph.D.,**  
 Associate Professor and Head  
 Department of Computer Applications (P.G)  
 Scott Christian College (Autonomous)  
 Nagercoil - 629 003

*Dr. D. Henry Raja*  
**Dr. D. HENRY RAJA**  
 PRINCIPAL i/c  
 SCOTT CHRISTIAN COLLEGE (AUTONOMOUS)  
 NAGERCOIL - 629 003



Data Structures and Algorithms Lab	Skill development
Database Systems Lab	Skill development
Advanced Machine Learning Using R	Skill development
Cyber Security Lab	Skill development
Dot Net Technologies Lab	Skill development
Block Chain Technologies Lab	Skill development
Report Writing/MOOCs	Skill development
Cryptography and Network Security	Employability
Web Technologies	Employability
Computer Vision	Employability
Internet of Things	Employability
Social Network	Employability
Data Science	Employability
Big Data Analytics	Employability
Digital Forensics	Employability
Cryptography and Network Security Lab	Skill development
Web Technologies Lab	Skill development
Computer Vision Lab	Skill development
Internet of Things Lab	Skill development
Social Network Lab	Skill development
Report Writing/MOOCs	Skill development

  
**Dr. B. Shaminga Ross**, M.Sc., M.Phil., Ph.D.,  
 Associate Professor and Head  
 Department of Computer Applications (P.G)  
 Scott Christian College (Autonomous)  
 Nagercoil - 629 003

  
**Dr. D. HENRY RAJA**  
 PRINCIPAL i/c  
 SCOTT CHRISTIAN COLLEGE (AUTONOMOUS)  
 NAGERCOIL-629 003

3. Value-added courses for imparting transferable and life skills (Min. 30 hours)

Name of the Course	Transferable and Life skill development
Digital Photography	Life Skill development
Multimedia Animation using Flash and Director	Life Skill development

Resolved to introduce the above NEW course(s) in the curriculum of MCA from the academic year 2023-24. It was resolved that 2 credits that shall be given to students upon submission of certificate of presentation in conferences/ seminars or publication of articles in journal or MOOCS certification(Duration: minimum 4 weeks). Also resolved to approve the proposed syllabuses for these new courses which are given in Section – I

6


*Introduction of field projects/ internships / student projects from the academic year 2023-24.*

Dr. B. Shamina Ross proposed the introduction of field projects/ internships / student projects in the curriculum of MCA from the academic year 2023-24.

Name of the Programme	Semester	Field project/ internship / student project
Mini Project	III	student project
Internship	III	Internship
Project	IV	Industrial Project

It was resolved to give 2 credits to individual Mini Project done for a duration of 2 hours/week for one semester. It was resolved to give 2 credits for getting training in a reputed Industry/Research lab for a minimum period of 14 days. Also resolved to give 20

  
**Dr. B. Shamina Ross**, M.Sc., M.Phil., Ph.D.,  
Associate Professor and Head  
Department of Computer Applications  
Scott Christian College (Autonomous),  
Nagercoil - 629 003

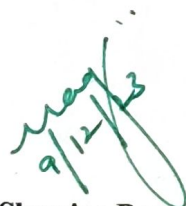
  
**Dr. D. HENRY RAJA**  
PRINCIPAL i/c  
SCOTT CHRISTIAN COLLEGE (AUTONOMOUS)  
NAGERCOIL-629 003



credits for industrial projects (duration: 1 Semester - 30 hours per week) done in the fourth semester(Full-time project) and to approve the method of grading the students undertaking industrial projects as given below.

Reviews	Details to Submit	Marks
I	Company Profile, Project Title, Language Used(Front and Back end) & Confirmation letter, Abstract	20
II	PPT Presentation about the Project and its salient features	20
III	PPT Presentation of Abstract, Literature Survey & Explanation of Project with Tables, Forms and Analysis Report.	20
IV	PPT Presentation of complete flow of project with Design Tools. Live Demo if Possible	20
V	Submission of Final Project Dissertation in the prescribed Format (2copies) + 1 CD	20

It was resolved to introduce the above student projects/ internships / industrial projects in the curriculum of MCA from the academic year 2023-24 to integrate the learning in different courses and enable the students to develop a holistic view. This exercise helps the students to enhance their knowledge using logical and analytical skills which ultimately helps them to assimilate concepts learnt in the classroom.



**Dr. B. Shamina Ross**

**Chair Person**  
**Dr. B. Shamina Ross, M.Sc., M.Phil., Ph.D.,**  
 Associate Professor and Head  
 Department of Computer Applications (PCA)  
 Scott Christian College (Autonomous),  
 Nagercoil - 629 003



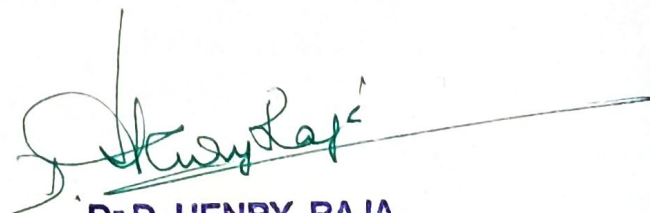
**Mrs. P. Ezhil Roja**

**Faculty Member**

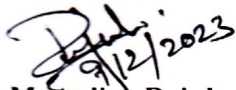


**Dr. C. Thinkal Dayana**

**Faculty Member**



**Dr. D. HENRY RAJA**  
 PRINCIPAL i/c  
 SCOTT CHRISTIAN COLLEGE (AUTONOMOUS)  
 NAGERCOIL-629 003

 3/12/2023

**Dr. M. Anline Rejula**  
Faculty Member



**Dr. V. Sindhu Janita Prakash**  
Subject Expert

 3/12/23

**Dr. C. Beulah Christalin Latha**  
Subject Expert

 3/12/23

**Dr. P. Arockia Jansi Rani**  
Subject Expert  
(Nominated by the VC)

 3/12/23

**Dr. P. Sundareswaran**  
Subject Expert  
(Special Courses)



**T. Edwin Raj**  
Representative



**M. S. Sumi**  
Postgraduate  
Meritorious Alumnus

 3/12/23

**Dr. B. Shamina Ross, M.Sc., M.Phil., Ph.D.,**  
Associate Professor and Head  
Department of Computer Applications (P.G)  
Scott Christian College (Autonomous)  
Nagercoil - 629 003



**Dr. D. HENRY RAJA**  
PRINCIPAL i/c  
SCOTT CHRISTIAN COLLEGE (AUTONOMOUS)  
NAGERCOIL-629 003