

21st Board of Studies Meeting June 2021

A meeting of the Board of Studies is convened for the B.Sc Computer Science, M.Sc Computer Science & PGDCA programmes offered by the Department of Computer Science on 07.06.2021 at 10.00 AM in online Google Meet with the following members.

Members:

1. Mrs. S. Shobana - Chairman & Head of the Department
2. Mrs. B. Sasikala - Member
3. Mrs. D. Pavithra - Member
4. Mrs. M. Malini - Member
5. Mrs. N. Sathyapriya - Member
6. Ms. B. Theetchiga - Member
7. Ms. V. Selvapriya - Member
8. Mrs. N. Priyadharshini - Member
9. Mrs. A. Arthy - Member
10. Ms. S. Arthy - Member
11. Mrs. R. Abarna Sri - Member
12. Mrs. K. Kalaiselvi - Member
13. Dr. E. Karthikeyan - University Nominee
14. Dr. M. S. Vijaya - Subject expert from other College
15. Dr. D. Karthika Renuka - Subject expert from other College
16. Ms. K. Karunapriya - Industry expert
17. Ms. S. Bala Kaariya - Alumna

Agenda of the Meeting

1. Item No. 1

To finalise and approve the curricular frame work and design for the B.Sc Computer Science programme for I - VI semesters under Outcome Based Education (OBE) along

with the course contents for the courses offered during the I to VI semesters for the students admitted from the academic years 2021-22 onwards with the pattern of assessment for CIA & ESE under OBE based on Bloom's Taxonomy concepts.

2. Item No. 2

To finalise and approve the curricular framework and design for the M.Sc Computer Science programme for I-IV semesters under Outcome Based Education (OBE) along with the course contents for the courses offered during the I to IV semesters for the students admitted from the academic years 2021-22 onwards with the pattern of assessment for CIA & ESE under OBE based on Bloom's Taxonomy concepts.

3. Item No. 3

To finalise and approve the cluster courses, Elective options and ALC options for both UG and PG programmes.

4. Item No. 4

To discuss and approve the areas of UG & PG project and Internship activities, Skill Enhancement Courses, Non Major Elective Course.

5. Item No. 5

To finalise and approve the curricular framework and design for the Post Graduate Diploma in Computer Applications

programme for I & II semesters with the course contents for the courses offered during the I & II semesters for the students admitted from the academic years 2021-22 onwards with the pattern of assessment for CIA & ESE.

6. Item No. 6

To finalise and approve the course content for the Computer science courses offered during the II & IV semester for BBA (CA) programme for the students admitted from the academic years 2021-22 onwards with the pattern of assessment for CIA & ESE.

7. Item No. 7

To finalise and approve the course content for the Information Security - Level 1 & 2 courses offered during III semester for all UG courses and Cyber Security - Level 1 & 2 courses offered during II semester for all PG courses for the students admitted from the academic years 2021-22 onwards with the pattern of assessment for CIA & ESE.

8. Item No. 8

To finalise and approve the Certificate Courses and Foundation Course for UG.

9. Item No. 9

To finalise the Semester III - Part IV - Skill Enhancement Course I - Professional English

course content for the students admitted during the academic year 2020-2021 only.

The following were the members present:

1. Mrs. S. Shobana (Chairman)
2. Dr. E. Karthikeyan, M.Sc, M.Phil., Ph.D (University Assistant Professor & Head, Department of Computer Science, Government Arts College Udumalpet) (Nominee)
3. Dr. M. S. Vijaya M.Sc., M.Phil., Ph.D (Subject Expert) Associate Professor & Head, Department of Computer Science (PG) PSGR Krishnammal College for women, Avinashi Road, Peelamedu, Coimbatore.
4. Dr. D. Karthika Renuka, M.E, Ph.D, Post Doc (Subject Expert) Associate Professor, Dept. of Information Technology, PSG College of Technology, Peelamedu, Coimbatore.
5. Mrs. B. Sasikala (Dept. Member)
6. Mrs. D. Panikra
7. Mrs. M. Malini
8. Mrs. N. Sathyapriya
9. Ms. B. Theetchiga
10. Ms. V. Selvapriya
11. Mrs. N. Priyadharsini
12. Ms. A. Arthy
13. Ms. S. Arthi
14. Mrs. R. Abarna Sri
15. Mrs. K. Kalaiselvi
16. Ms. K. Karunapriya, M.Sc (CS) (Industry expert) Associates - Projects,

Cognizant Technology Solutions,
 CCC - Chill Special Economic Zone,
 Sasavanampatti Via, Coimbatore.

17. Ms. S. Bala Kaaviya (Alumna)
 Operation Executive,
 Infosys Ltd,
 No. 350, He bal electronic city,
 Hootagalli, Mysore.

The following were the suggestions and recommendations made by the Board and the resolutions approved.

1. Item No. 1

The following are the newly introduced revamped and cluster courses for B.Sc Computer Science Programme

Newly Introduced Courses

Employability Courses:

Sem II : 221802 - Core II - Data Structures
 using Python

Sem II : 221SP2 - Core Practical II - Data
 Structures Lab

Sem III : 321305 - Core Practical III - DBMS
 & Operating System Lab

Sem IV : 421SP4 - Core Practical IV - Computer
 Networks Lab

Sem V : 521SP5 - Core Practical V - PHP
 and Data Mining Lab

Sem IV : 421SA1 / 421SA2 - Advanced Learners
 Course I - Introduction to
 Modeling & Simulation /

Online Course

Sem vi : 62ISA3 - Advanced Learners Course II -
Augmented Reality

Entrepreneurship Courses:

Sem iii : 32INDT - Part iv - Non Major Elective -
Multimedia Tools

Sem v : 52ISS3 - Part iv - Skill Enhancement
Course iii : Mobile Application
Development

Skill Development Courses:

Sem iii : 32ISS1 - Part iv - Skill Enhancement
Course I : Professional English for
Computer Science

Sem iv : 42ISS2 - Skill Enhancement Course II :
Software Testing Lab

Sem vi : 62ISS4 - Part iv - Skill Enhancement
Course iv : Node.js

Revamped Courses with latest edition books:

Employability Courses:

Sem I : 12IS01 - Core I - Programming with C++

Sem I : 12ISP1 - Core Practical I - Programming
with C++ Lab

Sem iii : 32IS03 - Core iii - Digital Principles
and Computer Organization

Sem iv : 42IS07 - Core vii - Java Programming

Sem v : 52IS11 - Core xi - cloud Computing

Skill Development Courses:

Sem iii : 32IS03 - Core iv - Operating System

Sem iii : 32IS05 - Core v - Database
Management System

Sem iv : 421306/421606 - Core vi - Computer Networks

Sem v : 521309 - Core ix - Compiler Design

Sem v : 521310/521610 - Core xi - Data Mining

Sem vi : 621313 - Core xiii - Computer Graphics

Sem v : 5213E1/5216E1/521KE1/521SE2/521GE2/

521KE2/521SE3/521GE3/521KE3 -

Elective I - Introduction to IoT /

Introduction to Data Science /

Trends in Computing

Entrepreneurship Courses:

Sem vi : 621SE4/621GE4/621KE4/621SE5/621GE5/

621KE5/621SE6/621GE6/621KE6 -

Elective ii - Big Data Analytics /

Mobile Computing /

Bioinformatics.

Cluster Course with B.Com Ecommerce

Entrepreneurship Courses:

Sem iv : 421308/421612 - Core viii - Software

Engineering /

Core xii - Mobile Commerce

Resolution: Resolved that the curricular frame work and design of course contents be approved for the courses of the semesters I and vi for the students of the academic years 2021-22 and onwards in the B.Sc Computer Science programme under OBE pattern of assessment for CIA and ESE.

Proposed by : Dr. E. Kirthikeyan and Seconded by Mrs. B. Sarikala.

2. Item No. 2

The following are the newly introduced and revamped courses for M.Sc Computer Science Programme.

Newly Introduced Courses.

Employability Courses:

Sem II : 21MS06 - Core VI - Data Science with Python

Sem IV : 21MSA3 - Advanced Learners Course II - Robotics

Skill Development Courses:

Sem I : 21MS01 - Core I - Advanced Operating System

Sem II : 21MS05 - Core V - Research Methodologies

Entrepreneurship Courses:

Sem II : 21MSP2 - Core Practical II - Advanced Python Programming

Sem II : 21MSP3 - Core Practical III - R Programming

Sem III : 21MSP5 - Core Practical V - Android Programming

Revamped Courses with latest edition books

Employability Courses:

Sem I : 21MS02 - Core II - Advanced Java

Sem I : 21MSP1 - Core Practical I - Advanced Java Programming Lab

Sem II : 21MS07 - Core VII - Internet of Things

Skill Development Courses:

Sem I : 21MS03 - Core III - Data Mining and Warehousing

Sem I : 21MSE1/21MSE2 - Elective I: Parallel Processing

Sem II : 21MS08 - Core VIII - Design and Analysis of Algorithms.

Entrepreneurship Courses:

Sem I : 21MS04 - Core IV - Object Oriented Analysis and Design with UML

Sem II : 21MSE3/21MSE4 - Elective II - Network Security and Cryptography.

Resolution: Resolved that the curricular framework and design of course contents be approved for the courses of the semesters I and IV for the students of the academic years 2021-22 and onwards in the M.Sc Computer Science programme under OBE pattern of assessment for CIA and ESE.

Proposed by: Dr. M.S. Vijaya and seconded by Mrs. D. Parithra

3. Item No. 3

The following are the cluster, ALC and Elective courses with options for B.Sc & M.Sc Computer Science programmes

UG: Cluster Course with B.Com (ECommerce):

Sem IV : 421S08/421N12 - Core VIII - Software Engineering / Core XII - Mobile Commerce

UG: Elective Courses

Sem v: 521SE1 / 521GE1 / 521KE1 / 521SE2 / 521GE2 /
521KE2 / 521SE3 / 521GE3 / 521KE3 -

Elective I - Introduction to IoT /
Introduction to Data Science /
Trends in Computing

Sem vi: 621SE4 / 621GE4 / 621KE4 / 621SE5 / 621GE5 /
621KE5 / 621SE6 / 621GE6 / 621KE6 -

Elective II - Big Data Analytics /
Mobile Computing /
Bioinformatics

UG: Advanced Learners Course

Sem iv: 421SA1 / 421SA2 - Advanced Learners
Course I - Introduction to Modeling
and Simulation / Online Course

Sem vi: 621SA3 - Advanced Learners
Courses II - Augmented Reality

PG: Sem I: 21MSE1 / 21MSE2 - Elective I -
Enterprise Resource Planning / Parallel
Processing

PG: Sem II: 21MSE3 / 21MSE4 - Elective II -
Embedded Systems / Network Security
and Cryptography

PG: Sem III: 21MSE5 / 21MSE6 - Elective III -
Soft Computing / Data Compression

PG: Advanced Learners Course

Sem II: 21MSA1 / 21MSA2 - Advanced
Learners Courses I - Nano Computing /
Online Course

Sem iv: 21MSA3 - Advanced Learners
Courses II - Robotics

Resolution: Resolved that the Cluster options, ALC options and Elective options for both UG and PG programmes be approved.

Proposed by: Dr. D. Karthika Renuka and
Seconded by Mrs. M. Malini.

4. Item No. 4

The following are the Skill Enhancement courses, Non major Elective courses, Project Viva Voce courses and Internship component suggested.

UG: Sem III: 321SS1 - Part IV - Skill Enhancement
Course I: Professional English for Computer
Science

Sem IV: 421SS2 - Part IV - Skill Enhancement
Course II: Software Testing Lab

Sem V: 521SS3 - Part IV - Skill Enhancement
Course III: Mobile Application Development

Sem VI: 621SS4 - Part IV - Skill Enhancement
Course IV: Node.js

Sem III: 321NDT - Part IV - Non Major
Elective - Multimedia Tools

Sem IV: 421SO7 - Core VII - Java Programming
- Internship as internal component

Sem VI: 621SPV - Project and Viva Voce

PG: Sem IV: 21MSPV - Project and Viva Voce

Resolution: Resolved that the Skill Enhancement Courses and Non Major Elective Course also the activities under Internship and Project for both UG/PG

programme suggested be approved.

Proposed by Dr. F. Kasthikayan and Seconded by Mrs. N. Sathyapriya.

5. Item No. 5

The following are the courses suggested for the Post Graduate Diploma in Computer Applications programme.

PAACA:

Employability Courses:

Sem I : 21PDD2 - Core II - Python Programming

Sem II : 21PDD5 - Core V - Visual Basic

Sem II : 21PDD6 - Core VI - Database

Management Systems

Skill Development Courses:

Sem I : 21PDD1 - Core I - Introduction to Computer Science and Digital Principles

Sem I : 21PDD3 - Core III - Operating System

Sem II : 21PDD7 - Core VII - Data Structures

Entrepreneurship Courses:

Sem I : 21PDD4 - Core IV - Web Designing

Sem I : 21PDP1 - Core Practical I - Python Programming & Web Designing

Sem II : 21PDP2 - Core Practical II - Visual Programming and Database

Management Systems

Sem II : 21PDP3 - Core Practical III -

Multimedia Tools

Resolution: Resolved that the curricular

framework and design of course contents be approved for the courses of the semesters I and II for the students of the academic years 2021-22 and onwards in the Post Graduate Diploma in Computer Applications (PGDCA) programme and pattern of assessment for CIA and ESE.

Proposed by: Dr. M. S. Vijaya and Seconded by Ms. B. Theetchiga.

6. Item No. 6

The following are the courses revamped with latest edition books for BBA (CA) programme.

BBA (CA):

Sem II : 221V03 - Core III - Visual Programming
Sem IV : 421V11 - Core XI - RDBMS and Oracle Programming

Resolution: Resolved that the course contents be approved for the courses of the semesters II and IV for the students of the academic years 2021-22 and onwards in the BBA (CA) programme under DBE pattern of assessment for CIA and ESE.

Proposed by Dr. D. Karthika Renuka and Seconded by Ms. V. Selvapriya.

7. Item No. 7

The following are the courses

revamped for all UG and PG Programmes.

UG: Sem III: 321NGA - Part IV: General Awareness - Information Security

PG: Sem II: 21MGCB - Cyber Security Basics /
21MGCA - Cyber Security Advanced

Resolution: Resolved that the course contents be approved for the semester III course for the students of the academic years 2021-22 and onwards in all UG Programme and semester II course for the students of the academic years 2021-22 and onwards in all PG programme under OBE pattern of assessment for CIA and ESE.

Proposed by Dr. E. Karthikeyan and Seconded by Mrs. N. Priyadharshini.

8. Item No. 8

The following is / are the courses suggested as the Foundation Course and Certificate Courses for the UG programme

Sem I: 21CSFC - Foundation Course - Basics of Computer Science

Sem I: 21CSC1 - Certificate Course I - Office Automation Tools

Sem II: 21CSC2 - Certificate Course II - Web Designing

Sem III: 21CSC3 - Certificate Course III - Multimedia Technology

Sem IV: 21CSC4 - Certificate Course IV - Data

Analysis with Python

Sem v : 21CS05 - Certificate Course v - Digital Marketing

Sem vi : 21CS06 - Certificate Course vi - Block Chain Technology

Resolution: Resolved that the course contents be approved for the students of the academic years 2021-22 and onwards in the UG programme

Proposed by Dr. M.S. Vijaya and Seconded by Mrs. A. Arthy

9. Item No. 9

The following is the course suggested for the UG programme

Sem iii : 321SS0 - Skill Enhancement Course:
Professional English Computer Science

Resolution: Resolved that the design of course contents be approved for the course of the semester iii for the students of the academic years 2020-21 only.

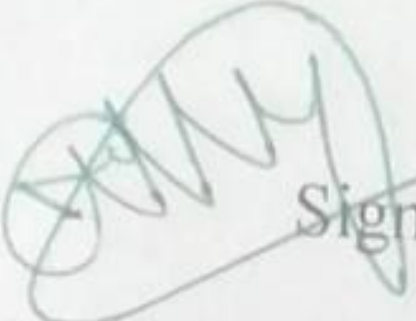
Proposed by Dr. D. Karthika Renuka and Seconded by Mr. R. Abarna Sri

University Nominee

Dr. E.Karthikeyan M.Sc.,M.Phil.,Ph.D

Assistant Professor and Head, Department of Computer Science,
Government Arts College, Udumalpet

I accept and acknowledge the minutes of the Board of Studies meeting of
the Computer Science programme that was conducted through online on
7th June 2021.



Signature

[Dr.E.Karthikeyan]
Dr. E.KARTHIKEYAN Ph.D,
Assistant Professor and Head
Department of Computer Science
Government Arts College
Udumalpet - 642 126. Tirupur Dist.

Subject Expert

Dr. M.S. Vijaya M.Sc.,M.Phil.,Ph.D
Associate Professor and Head, Department of Computer Science(PG),
PSGR Krishnammal College for Women,
Avinashi Road, Peelamedu, Coimbatore

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the Computer Science programme that was conducted through online on
7th June 2021.

M. S. Vijaya

Signature

[Dr. M.S. Vijaya]

Dr. M. S. VIJAYA, M.Sc. M.Phil. Ph.D.
Associate Professor and Head
Department of Computer Science (PG)
P.S.G.R. Krishnammal College for Women
COIMBATORE - 641 004.

Subject Expert

Dr. D. Karthika Renuka, M.E , Ph.D, Post Doc.
Associate Professor,
Department of Information Technology,
PSG College of Technology, Peelamedu, Coimbatore

I accept and acknowledge the minutes of the Board of Studies meeting of the Computer Science programme that was conducted through online on 7th June 2021.



[Dr. D. Karthika Renuka]

21st Board of Studies Meeting June 2021
Members

I accept and acknowledge the minutes of the Board of Studies meeting of the Computer Science programme that was conducted through online on 7th June 2021.

S.No.	Name	Signature
1.	Mrs.S.Shobana, Chairman and Head of the Department	<i>S. Shobana</i>
Members		
2.	Mrs.B.Sasikala	<i>B. Sasikala</i>
3.	Mrs.D.Pavithra	<i>D. Pavithra</i>
4.	Mrs.M.Malini	<i>M. Malini</i>
5.	Mrs.N.Sathyapriya	<i>N. Sathyapriya</i>
6.	Ms.B.Theetchiga	<i>B. Theetchiga</i>
7.	Ms.V.Selvapriya	<i>V. Selvapriya</i>
8.	Mrs.N.Priyadharshini	<i>N. Priyadharshini</i>
9.	Mrs.A.Arthy	<i>A. Arthy</i>
10.	Ms.S.Arthi	<i>S. Arthi</i>
11.	Mrs.R.Abarna Sri	<i>R. Abarna Sri</i>
12.	Mrs. K.Kalaiselvi	<i>K. Kalaiselvi</i>

Rajiswari
30.6.2021
Signature of the Principal
PRINCIPAL
SRI GVG VISALAKSHI COLLEGE
FOR WOMEN (AUTONOMOUS)
VENKATESA MILLS POST,
UDUMALPET - 642 128