

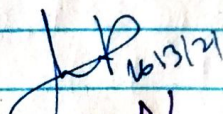
16/03/2021

The board of Studies meeting held in 16/03/2021 at Department of Computer Science (PG) to review M.Sc Computer Science Syllabus 2021

The following members are presented to discuss M.Sc Syllabus formed by the department.

MEMBERS:

1. Dr. V. Balamunigan
Professor (CS),
MS University.


UNIVERSITY NOMINEE

2. Dr. Grasha Jacob,
HOD & Associate Professor,
Rani Anna Govt. College for Women.

SUBJECT EXPERT


Grasha@jacob

16.3.2021

3. Dr. M. Safish Mary,
Assistant Professor,
St. Xavier's College.

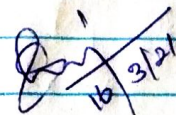
SUBJECT EXPERT

4. Mr. S. Swaminathan,
Scientist/Engineer - SD,
SHAR ISRO.

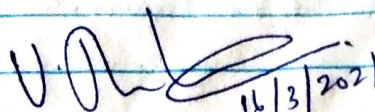
ALUMNI


S. Swaminathan 16-03-2021

5. Dr. S. Shajun Nisha,
HOD & Assistant Professor,
Sadakathullah Appa College.


16/3/21


6. Ms. V. Roseline
Assistant Professor,
Sadakathullah Appa College.


16/3/2021

7. Mr. K. Ganesh Kumar,
Assistant Professor,
Sadakatullah Appa College.

K. Ganesh Kumar
16/3/21

8. Mr. K.A. Mohamed Riyazudeen,
Assistant Professor,
Sadakatullah Appa College


16/3/21

1. PG Department Computer Science board members were appreciated for the uniqueness of the curriculum.

2. The board approved for the MOOC - SWAYAM NPTEL for the course structure in the curriculum and also highly appreciated for lifelong learning (PLOS).

3. Our PG Computer Science Subject expert Dr. Grasha Jacob and University nominee Dr. Bala Murugan are suggested and instructed to have IV semester structure as per TANSCHÉ syllabus. In TANSCHÉ syllabus the IV semester structure has given with two options (i) Full Dissertation (ii) Dissertation with two Elective papers.

4. The board of members have suggested to send our PG final year students to MNC to do their dissertation work, as so many MNC's (Zoho, AtoS, Tiliconveli, Global System) has been established in Tirunelveli.

5. It is resolved to have the courses as per TANSCHÉ syllabus that is 75% of the syllabus must be from the TANSCHÉ to make course equivalent and 25% of the

Syllabus should be designed by the institution.

6. The BOS members suggested that the library hour can be utilized for (i) Mentoring hour (ii) Department Association hour (iii) Seminar hour and (iv) Library hour in the rotation basis and the record must be maintained in the respective hour.

7. It is resolved to prepare a static and dynamic mapping for PLO, PSO and CO.

8. The board is suggested to allot the hours per Unit by the Subject experts for all the courses.

9. The board advised us to make connection between the following category

(i) College Vision and Mission

(ii) Department Vision and Mission

(iii) PLO, PSO, CO

(iv) Pie Chart for percentage of course having Emp. / Ent. / Skill.

(v) Static and Dynamic mapping

(vi) Methodology for innovative teaching and evaluation techniques.

(vii) Eligible criteria for M.Sc admission.

(viii) Internal assessment, External assessment.

10. It is resolved that, to prepare the Common Computer Syllabus for III Semester SEC1 as Beginner Level, Intermediate Level and Advanced Level to all UG Programmes.

11. Resolved to introduce the new courses and revise the CBCs syllabus as mentioned in the Annexure

CHAIRMAN / CHAIRPERSON

DEAN OF SCIENCES

PRINCIPAL



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Annexure - I

Department of Computer Science (PG)

The Board of Studies of Department of Computer Science (PG) was held on 16.03.2021 for the approval of 2021-2024 syllabus. The number of new courses, courses focussing on Skill Development / Employability / Entrepreneurship, the percentage of revision are mentioned below.

New Courses introduced

S. No.	Title of the Course	Course Code
1	Advanced Web Technology	21PCCS12
2	Design and Analysis of Algorithm Lab	21PCCS1P1
3	Advanced Web Technology Lab	21PCCS1P2
4	Digital Literacy	21PICS11
5	Distributed Operating System	21PCCS23
6	Cryptography and Network Security	21PECS21A
7	Wireless Networks	21PECS21C
8	Machine Learning	21PCCS31
9	Mobile Application Development	21PCCS32
10	Research Methodology	21PCCS33
11	Machine Learning Lab	21PCCS3P1
12	Mobile Application Development Lab	21PCCS3P2
13	Digital Technology	21PICS31
14	Data Science with R	21PCCS42
15	Professional Ethics	21PECS41A
16	Green Computing	21PECS41B
17	Embedded Systems	21PECS41C
18	Internet of Things Lab	21PCCS4P1
19	Data Science with R Lab	21PCCS4P2

Courses focused on Skill Development /Employability / Entrepreneurship

S. No.	Title of the Course	Course Code	Category
1.	Cloud Computing	21PECS11A	Employability
2.	Social Computing	21PECS11B	Employability
3.	Digital Image Processing	21PCCS22	Employability





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4.	Cryptography and Network Security	21PECS21A	Employability
5.	Machine Learning	21PCCS31	Employability
6.	Research Methodology	21PCCS33	Employability
7.	Human Computer Interaction	21PECS31B	Employability
8.	Data Science with R	21PCCS42	Employability
9.	Embedded Systems	21PECS41C	Employability
10.	Digital Literacy	21PICS11	Entrepreneurship
11.	Wireless Networks	21PECS21C	Entrepreneurship
12.	Artificial Intelligence	21PECS31A	Entrepreneurship
13.	Digital Technology	21PICS31	Entrepreneurship
14.	Internet of Things	21PCCS41	Entrepreneurship
15.	Professional Ethics	21PECS41A	Entrepreneurship
16.	Green Computing	21PECS41B	Entrepreneurship
17.	Design and Analysis of Algorithm	21PCCS11	Skill Development
18.	Advanced Web Technology	21PCCS12	Skill Development
19.	Advanced Database Management System	21PCCS13	Skill Development
20.	Design and Analysis of Algorithm Lab	21PCCS1P1	Skill Development
21.	Advanced Web Technology Lab	21PCCS1P2	Skill Development
22.	Advanced Java Programming	21PCCS21	Skill Development
23.	Advanced Java Programming Lab	21PCCS2P1	Skill Development
24.	Digital Image Processing Lab	21PCCS2P2	Skill Development
25.	Mobile Application Development	21PCCS32	Skill Development
26.	Machine Learning Lab	21PCCS3P1	Skill Development
27.	Mobile Application Development Lab	21PCCS3P2	Skill Development
28.	Project	21PPCS41	Skill Development
29.	Internet of Things Lab	21PCCS4P1	Skill Development
30.	Data Science with R Lab	21PCCS4P2	Skill Development

Percentage of Revision

S. No.	Courses	Course Code	Percentage %
1.	Advanced Web Technology	21PCCS12	100%
2	Advanced Database Management System	21PCCS13	80%






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3.	Design and Analysis of Algorithm Lab	21PCCS1P1	100%
4.	Advanced Web Technology Lab	21PCCS1P2	100%
5	Digital Literacy	21PICS11	100%
6	Advanced Java Programming	21PCCS21	20%
7	Distributed Operating System	21PCCS23	100%
8	Cryptography and Network Security	21PECS21A	100%
9	Compiler Design	21PECS21B	20%
10	Wireless Networks	21PECS21C	100%
11	Machine Learning	21PCCS31	100%
12	Mobile Application Development	21PCCS32	100%
13	Research Methodology	21PCCS33	100%
14	Artificial Intelligence	21PECS31A	30%
15	Machine Learning Lab	21PCCS3P1	100%
16	Mobile Application Development Lab	21PCCS3P2	100%
17	Digital Technology	21PICS31	100%
18	Internet of Things	21PCCS41	90%
19.	Data Science with R	21PCCS42	100%
20.	Professional Ethics	21PECS41A	100%
21.	Green Computing	21PECS41B	100%
22	Embedded Systems	21PECS41C	100%
23	Internet of Things Lab	21PCCS4P1	100%
24	Data Science with R Lab	21PCCS4P2	100%

Total Percentage of Revision: 61%

Total number of Courses: 34


PRINCIPAL

