

7/2/18 BOARD OF STUDY MEETING

Feb 7<sup>th</sup>

The Board of studies meeting held on 7/2/2018 at Department of Pa(CS) to review M.Sc. Computer Science and M.Phil Computer Science <sup>and Ph.D</sup> syllabus for those who joined in June 2018

The following members are presented to discuss the M.Sc and M.Phil course <sup>and Ph.D</sup> syllabus formed by the department.

Members :

1) Dr. G. Sofia  
Asst. Professor  
Lady Doak College (Autonomous)  
University Nominee  
G. Sofia  
7/2/18

2) Dr. P. Kumar  
Asst. Professor  
Centre for Information Technology  
and Engineering  
M.S. University  
Tirunelveli - 627 012  
Subject Expert - I  
P. Kumar  
7/2/18

3) Dr. M. Mohammed Sathik  
Principal  
Sadahathullah Appa College  
Tirunelveli

M. Mohammed Sathik  
7/2/18

4) Prof. Dr. S. Shajun Nisha  
Asst. Professor & Head  
Sadahathullah Appa College

S. Shajun Nisha  
7/2/18

5) Prof. V. Uma Devi  
Asst. Professor  
Sadahathullah Appa College

V. Uma Devi  
7/2/18



6) Prof. V. Roseline  
Asst. Professor,  
Sadathullah Appa College

VA  
7/2/18

7) Prof. P. Thazneem Fazila  
Asst. Professor  
Sadathullah Appa College

P.T.  
7/2/18

The following changes are made in the Board of Studies meeting.

1. C1 - In 'Design and Analysis of Algorithm' paper the content of the syllabi has been changed.
2. C2 - "Advanced Database Management System" has been shifted to Semester II. In that place we kept "Linux Programming".
3. C3 - "Advanced Java Programming" has been removed by providing "Python Programming".
4. C4 - "Advanced Networking Concepts" has been removed by 2 core elective papers namely "Cloud Computing" which is shifted from Semester IV.
5. C5 - "Advanced Java Programming Lab" has been replaced with "Python Programming Lab".
6. C5 - "Android and Applications Development" has been updated with recent content.
7. C6 - Suggest to have "Theory of Computation" by



## Removing "Software Project Management"

8. C7 - "Web Programming I" paper replaced with "Advanced Database Management System" which is shifted from Semester I.
9. C8 - "Data Mining and Data Warehousing" Core paper shifted to Semester III. In that place, it could be replaced with 2 core elective papers namely 2(A) - "Internet of things" and 2(B) - "Cyber Security".
10. CP2 - "keeping "Android Application Development" Lab by removing "Web Programming I Lab".
11. C9 - "Data Mining Concepts and Techniques" which is shifted from Semester III by removing "Mobile computing".
12. C10 - "Principles of Compiler Design" replaced with "Software Testing and Quality Assurance".
13. C11 - Changing "Web Programming II" papers by "Digital Image Processing" which is already in Major Elective.
14. C12 - "Cloud Computing" is shifted to Semester I by keeping "Artificial Intelligence".
15. CP3 - "Web Programming II Lab" replaced with "Image Processing Lab".
16. E(NM) - Non major elective paper has been replaced by keeping 2 Core electives as 3(A)



"Principles of Compiler Design" and 3(B) "Graph Theory and its Applications".

17. E(M) - Since "Digital Image Processing" shifted to Semester II, we are providing "Big Data Analytics".

18. CP4 - "Image Processing Lab" replaced with "Big Data Analytics Lab".

It is resolved that in M.Phil Computer Science, 3 papers in Semester I and Dissertation Viva Voce in Semester II, where the existing is 2 papers in Semester I, 1 elective and dissertation Viva-Voce in Semester II.

By removing "Data Mining and Data Warehousing" paper we introduce "Machine Learning Techniques" which is in recent project area.

It is resolved that for Ph.D (CS), those who have joined with M.Phil degree, they have 2 papers as a Course work and those who have joined without M.Phil degree, they must be written 4 papers as a Course work.


Some of the Course work papers listed below.

1. Virtual Reality
2. Data Mining Concepts and Techniques
3. Deep Learning
4. Artificial Intelligence
5. Soft Computing
6. Big Data Analytics
7. Cloud Computing
8. Cryptography and Network Security



9. Digital Image Processing
10. Human Computer Interaction
11. Internet of Things
12. High Speed Networks

\* Resolved to introduce the new courses and revise the CBCS syllabus as mentioned in the Annexure.

 12/2/18

CHAIRMAN / CHAIRPERSON

 12/2/18

DEAN OF SCIENCES

 12/2/18

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 07.12.2018 for the approval of 2018-2021 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	Linux Programming	18PCCS12
2	Python Programming	18PCCS13
3	Ad-Hoc and Sensor Networks	18PECS1B
4	Linux Programming Lab	18PCCS1P1
5	Python Programming Lab	18PCCS1P2
6	Open Source Technology	18PCCS21
7	Internet of Things	18PCCS23
8	Security Practices	18PECS2A
9	Cyber Security	18PECS2B
10	Open Source Technology Lab	18PCCS2P1
11	Software Testing	18PCCS32
12	Social Computing	18PECS3B
13	Big Data Analytics	18PCCS41
14	Artificial Intelligence	18PECS4A
15	Human Computer Interface	18PECS4B
16	Big Data Analytics Lab	18PCCS4P2

#### Courses focused on Skill Development /Employability / Entrepreneurship

S. No	Title of the Course	Course Code	Category
1.	Python Programming	18PCCS13	Employability
2.	Cloud Computing	18PECS1A	Employability
3.	Advanced Database Management System	18PCCS22	Employability
4.	Internet of Things	18PCCS23	Employability
5.	Security Practices	18PECS2A	Employability
6.	Cyber Security	18PECS2B	Employability
7.	Digital Image Processing	18PCCS33	Employability
8.	Mobile Computing	18PECS3A	Employability
9.	Linux Programming	18PCCS12	Employability





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10.	Soft Computing	18PCCS42	Employability
11.	Artificial Intelligence	18PECS4A	Employability
12.	Open Source Technology	18PCCS21	Entrepreneurship
13.	Software Testing	18PCCS32	Entrepreneurship
14.	Big Data Analytics	18PCCS41	Entrepreneurship
15.	Design and Analysis of Algorithm	18PCCS11	Skill Development
16.	Linux Programming Lab	18PCCS1P1	Skill Development
17.	Python Programming Lab	18PCCS1P2	Skill Development
18.	Open Source Technology Lab	18PCCS2P1	Skill Development
19.	Advanced Database Management System Lab	18PCCS2P2	Skill Development
20.	Data Mining Lab	18PCCS3P1	Skill Development
21.	Image Processing Lab	18PCCS3P2	Skill Development
22.	Project	18PCCS43	Skill Development
23.	Human Computer Interface	18PECS4B	Skill Development
24.	Web Programming Lab	18PCCS4P1	Skill Development
25.	Big Data Analytics Lab	18PCCS4P2	Skill Development
26.	Internet Concepts and Web Design	18PICS21	Skill Development
27.	Desktop Publishing	18PICS31	Skill Development

## Percentage of Revision

S.No.	Courses	Course Code	Percentage %
1.	Design and Analysis of Algorithm	18PCCS11	80%
2.	Linux Programming	18PCCS12	100%
3.	Python Programming	18PCCS13	100%
4.	Cloud Computing	18PECS1A	60%
5.	Ad-Hoc and Sensor Networks	18PECS1B	100%
6.	Linux Programming Lab	18PCCS1P1	100%
7.	Python Programming Lab	18PCCS1P2	100%
8.	Open Source Technology	18PCCS21	100%
9.	Advanced Database Management System	18PCCS22	22%
10.	Internet of Things	18PCCS23	100%
11.	Security Practices	18PECS2A	100%
12.	Cyber Security	18PECS2B	100%
13.	Open Source Technology Lab	18PCCS2P1	100%
14.	Advanced Database Management System Lab	18PCCS2P2	100%
15.	Software Testing	18PCCS32	100%
16.	Digital Image Processing	18PCCS33	20%
17.	Social Computing	18PECS3B	100%
18.	Data Mining Lab	18PCCS3P1	100%

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19	Big Data Analytics	18PCCS41	100%
20	Soft Computing	18PCCS42	20%
21	Artificial Intelligence	18PECS4A	100%
22	Human Computer Interface	18PECS4B	100%
23	Web Programming Lab	18PCCS4P1	100%
24	Big Data Analytics Lab	18PCCS4P2	100%
25	Internet Concepts and Web Design	18PICS21	60%
26	Desktop Publishing	18PICS31	100%

Total Percentage of Revision: 75%

Total number of Courses: 30

  
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Annexure - I

Department of Computer Science (M. Phil)

The Board of Studies of Department of Computer Science (M. Phil) was held on 07.12.2018 for the approval of 2018-2021 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.	Machine Learning Techniques	18MCCS12
2.	Deep Learning	18MECS1C
3.	Big Data Analytics	18MECS1D

## Courses focused on Skill Development /Employability / Entrepreneurship

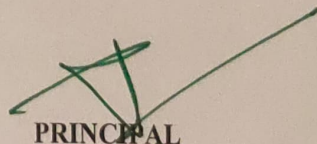
S.No.	Title of the Course	Course Code	Category
1.	Research and Teaching Methodology	18MCCS11	Employability
2.	Machine Learning Techniques	18MCCS12	Employability
3.	Digital Image Processing	18MECS1B	Employability
4.	Project and Viva-voce	18MDCS21	Skill Development

## Percentage of Revision

S.No.	Courses	Course Code	Percentage %
1.	Research and Teaching Methodology	18MCCS11	60%
2.	Machine Learning Techniques	18MCCS12	100%
3.	Virtual Reality	18MECS1A	100%
4.	Deep Learning	18MECS1C	100%
5.	Big Data Analytics	18MECS1D	100%

Total Percentage of Revision: 65.71%

Total number of Courses: 07

  
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