DEPARTMENT OFCOMPUTER TECHNOLOGY

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

POLLACHI - 642001

11th Board of Studies Meeting in the Department of

Computer Technology

Date : 22.05.2021 Time: 10 A.M to 1P.M

Agenda

BoS / CT11.1	:	Welcome address and Opening Remarks by Chairman, Board of studies in online mode
BoS / CT11.2	:	Confirmation ofthe Minutes ofthe 11th/ Previousmeeting ofBoard of studies in online mode held on 22.05.2021 and Action taken report of 11th meeting of Board of studies
BoS / CT11.3	:	11.3.1 Syllabus of I BSc COMPUTER SCIENCE for semester I to VI under Regulation 2021-2022 Batch
		11.3.2 Syllabus of Value added course
BoS / CT11.4	:	Suggestion given by BOS Members

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DEPARTMENT OF COMPUTER TECHNOLOGY

MINUTES OF BOS MEETING

The 11th Meeting of the Board of studies of the Department of Computer Technology was held on 22.05.2021 at 10.00 a.m. in online mode

1. The following members were present:

1	Dr.M.RAJASENATHIPATHI Head of the Department Department of computer technology NGMCollege,Pollachi	Chairman
2	MS. C. KEERTHANA Assistant Professor	Internal Members
3	MS. K.S. LEELAVATHI Assistant Professor Department of computer technology NGM College,Pollachi	
4	MR. R. JAYAPRAKASH Department of computer technology NGM College,Pollachi	
5	MS. A. KALAIVANI Assistant Professor Department of computer technology NGM College,Pollachi	
6	Dr.JulianaSunil Associate Professor Department of Information Technology Rathinum College of Arts and Science,Coimbatore	University Nominee
7	Dr.Muthusamy Head of the Department Department of MCA DrMahalingam College of Arts and Science Pollachi	Academic Experts
8	Mr.NatarajanShanmugasundaram Manager Product Engineer, Harman- Samsung Coimbatore	Industrial Expert
9	Mr.S.MohanaPrabher Branch Manager, R.B.L. Bank Tripur	Alumnus nominated by Principal / HoD

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10	Dr.TamilSelvan Associate Professor Department of Computer Technology Karpagam university Coimbatore	Subject Expert
11	Mr.KirubaVignesh III- CT NGM College Pollachi	Student Members
12	Ms.JefrinVinisha III- CT NGM College Pollachi	

BoS/CT 11.3

BoS/CT 11.3.1

I BSc COMPUTER TECHNOLOGY (Ito VI SEMESTER)

SEMESTER I

- 21UCT103 – Core Lab 1 – Programming in C

  The presented syllabus was accepted by the experts and a **few suggestions** were given as follows:

  - Lab exercise is modified as per concept level of c language
  - Industrial based problems is introduced in lab exercise
  - Pointer concept based lab exercise is introduced

The following papers from BSc. Computer Technology were accepted by the experts fully without further suggestions:

- 21UCT101 – Core I – Programming in c
- 21UCT102 – Core II – Digital Fundamentals and Computer Architecture
- 21UCT1A1 – Allied I – Mathematics I – Mathematical structures for Computer Science

SEMESTER II

- 21UCT206 – Core Lab II – Programming in C++with data Structures

  The presented syllabus was accepted by the experts and a **few suggestions** were given as follows:

  - Lab exercise is modified as per concept level of c language
  - Industrial based problems is introduced in lab exercise
  - oops concept based lab exercise is introduced

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- 21UCT2A2- Allied II – Mathematics II-Operations Research

  New paper was introduced as per expert suggestions and Industry Expectation

The following papers from BSc. Computer Technology were accepted by the experts fully without further suggestions:

- 21UCT204 – Core III – Object oriented programming with c++
- 21UCT205 – Core IV – Data Structures

SEMESTER III

- 21UCT311 – Lab III – JAVA Programming Lab

  The presented syllabus was accepted by the experts and a **few suggestions** were given as follows:

  o Lab exercise is modified as per concept level of c language

  o Industrial based problems is introduced in lab exercise

  o AWT, Swings and JDBC concept based lab exercise is introduced

- 21UCT308 – core VI – Database Management System

  The above paper syllabus was modified by the experts and a few suggestions were given as follows

  o Three unit designed as DBMS concepts and two units designed as ORACLE

  o ORACLE connectivity is introduced as Backend

  o Client/server concept was introduced

The following papers from BSc. Computer Technology were accepted by the experts fully without further suggestions:

- 21UCT307 – Core V – JAVA Programming
- 21UCT309 – Core VII – Operating Systems
- 21UCT3A3 – Allied III – Software Engineering
- 21UCT311- LAB IV – Database Management System Lab
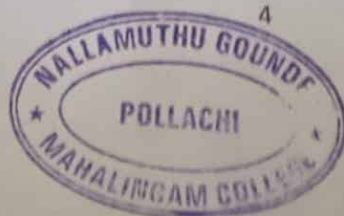- 21UCT3N11/3N12 – Non Major Electives

SEMESTER IV

- 21UCT412 – Lab V – Advanced JAVA Programming Lab

  The presented syllabus was accepted by the experts and a **few suggestions** were given as follows:

  o Lab exercise is modified as per concept level of c language

  o Industrial based problems is introduced in lab exercise

  o JSP, EJP, Three tier Architecture and JDBC concept based lab exercise is introduced

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- 21UCT4A4- Allied IV – Big Data Management
- 21UCT413 – Core Ix- Linux and Shell Programming
- 21UCT416- Lab-VI – Linux and shell programming Lab

The above New paper was introduced as per expert suggestions and Industry Demand

The following papers from B.Sc. Computer Technology were accepted by the experts fully without further suggestions:

- 21UCT412 – Core VIII – Advanced JAVA Programming
- 21UCT414 – Core X – Data Communication and Networks
- 21UCT4N3/4N4 – Skill Based Non Major Electives

SEMESTER V

- 21UCT5E11/12/13- Core Elective I – Cloud Computing/Embedded system/Management Information System
- 21UCT5AL1 –Advanced Learner course-1-Software Testing

The above New paper was introduced as per expert suggestions in elective paper list and optional paper for extra credit inadvanced learner.

- 21UCT518 – Core XII – Information Security

The above paper was included in Core paper instead of Elective paper, as per expert suggestions.

The following papers from BSc. Computer Technology were accepted by the experts fully without further suggestions:

- 21UCT517 – Core XI – Open source Technologies
- 21UCT518 – Core XII – Information Security
- 21UCT5S11/5S12 –Python Lab/Html5 with CSS Lab

SEMESTER VI

- 21UCT6E21/22/23- Core Elective II – Mobile Computing/Software Project Management/Grid Computing
- 21UCT6E31/32/33- Core Elective III – Artificial Intelligence/Digital Signal Processing
- 21UCT6AL2 –Advanced Learner course-II-Data Analytics
- 21UCT6S21 – Skill Based Elective II – Data Analytics Lab

The above New paper was introduced as per expert suggestions in elective paper list and optional paper for extra credit in advanced learner.

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The following papers from BSc. Computer Technology were accepted by the experts fully without further suggestions:

- 21UCT621 – Core XIII – Framework Technologies
- 21UCT623 – Project

These changes have been made effect for the students admitted in 2021-22 with SEMESTER NO I TO VI accordingly.

BoS/CT 12.4   SUGGESTIONS GIVEN BY THE BoS MEMBERS

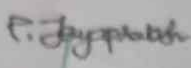12.4.1: Introduce papers related to research and methodologies

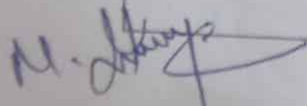12.4.2: Introduce papers related to Management problem solving task

The members had a brainstorming discussion and interaction among themselves. After discussion, fruitful suggestions were incorporated appropriately in the Curriculum and Syllabi.

Based on the suggestions given by the members, BOS resolved to recommend the following to the Academic Council for further approval.

a) The syllabus of First Year Computer Technology under Regulation <<Regulation Number>>.

Members Present:

Chairman	
Dr.M.RAJASENATHIPATHI Head of the Department Department of computer technology NGM College,Pollachi	
Internal Members	
MS. C. KEERTHANA Assistant Professor Department of computer technology NGM College,Pollachi	
MS. K.S. LEELAVATHI Assistant Professor Department of computer technology NGM College,Pollachi	
MR.. R. JAYAPRAKASH Department of computer technology NGM College,Pollachi	

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MS. A. KALAIVANI Assistant Professor Department of computer technology NGM College,Pollachi	
University Nominee	
Dr.JulianaSunil Associate Professor Department of Information Technology Rathinum College of Arts and Science,Coimbatore	
Academic Experts	
Dr.Muthusamy Head of the Department Department of MCA DrMahalingam College of Arts and Science Pollachi	
Industrial Experts	
Mr.NatarajanShanmugasundaram Manager Product Engineer, Harman- Samsung Coimbatore	
Alumnus nominated by Principal / HoD	
Mr.S.MohanaPrabhu Branch Manager, R.B.L Bank Tripur	
SubjectExpert	
Dr.TamilSelvan Associate Professor Department of Computer Technology Karpagam university	
Student Members	
Mr.KirubaVignesh III- CT NGM College Pollachi	
Ms.JefrinVinisha III- CT NGM College Pollachi	

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Dr.M.RAJASENATHIPATHI MA.MCA.MPhil.PhD
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...College of Technology
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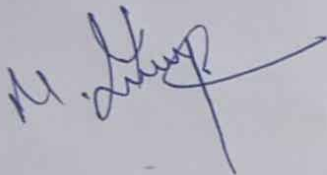
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Minutes of the 11th Previous Meeting – Action Taken Report

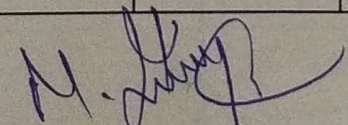| S.No	Suggestion given by expert members	Action taken
1.	Industry Demand papers were introduced	Reviewed and Implemented
2.	Concept based and real time lab exercises is introduced in all practical papers	Implemented
3.	Advanced learning course papers were introduced	Implemented
4.	Guide lines for project is designed	Implemented

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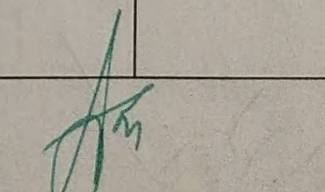Nallamuthu Gounder Mahalingam College (Autonomous)
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Percentage of Revision of B.Sc Computer Technology
Syllabus Revised for the Academic Year – 2021-2022

					B.Sc., CT		
S.No	Course Code	Course Title	Change Details	% of Changes	Content Deleted	Content Updated	Reason for Change
1	21UCT413	Core IX: Linux And Shell Programming	New Syllabus introduced	100	New Syllabus introduced for all 5 Units instead of **CORE IX: Software Engineering** Paper (**CORE IX: Software Engineering** Shifted to III Semester of this syllabus scheme)	**CORE IX: Software Engineering** Shifted To III Semester Of This Syllabus Scheme	As Board members suggested to introduced New paper.
2	21UCT308	Core VI: Database Management System	All contents removed in all 5 units & new content included in all units.	100	**All 5 units removed**	**All 5 units new content added and text Book changed.**	As Board members suggested.
3	21VAC404	VAC- II:PC Assembly and CCTV camera Installation	New Syllabus introduced	100	**New course introduced for VAC II.**	**New course introduced for VAC II.**	As Board members suggested to introduce more than 1 VAC Course.
4	21UCT416	Lab - VI : Linux And Shell Programming Lab	New Syllabus introduced	100	New Syllabus introduced instead of **LAB - VI : SOFTWARE ENGINEERING AND TESTING** Paper	New course Lab - VI : Linux And Shell Programming Lab introduced.	As Board members suggested.

Signature of the HoD

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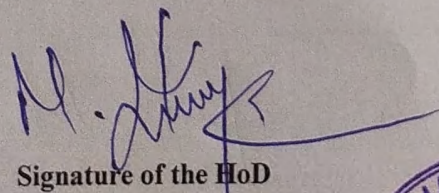
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				100			
5	21UCT5E3	Core Elective - I : Management Information System	New Elective paper has introduced and instead of Elective II: E-Commerce and few elective papers has interchanged in this current scheme.	100	New Elective paper has introduced and few elective papers have interchanged in this current scheme.	New Elective paper has introduced	As Board members suggested to made few changes.
6	21UCT 6E2	Core Elective - II : Software Project Management	New Elective paper has introduced and instead of Elective III: Multimedia Techniques and few elective papers has interchanged in this current scheme.	100	New Elective paper has introduced and few elective papers have interchanged in this current scheme.	New Elective paper has introduced	As Board members suggested to made few changes.
7	21UCT 6E3	Core Elective - II : Grid Computing	New Elective paper has introduced and instead of Elective III: Internet of Things (IoT) and few elective papers has interchanged in this current	100	New Elective paper has introduced and few elective papers have interchanged in this current scheme.	New Elective paper has introduced	As Board members suggested to made few changes.

Signature of the HoD

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			scheme.				
8	21UCT 6E6	Core Elective - III : Digital Image Processing	New Elective paper has introduced and instead of Data Mining and Analytics and few elective papers has interchanged in this current scheme.	100	New Elective paper has introduced and few elective papers have removed and interchanged in this current scheme.	New Elective paper has introduced	As Board members suggested to made few changes.
9	21UCT5AL	Advanced Learner Course - I : Software Testing	New Paper	100	-	-	Industry Expert
10	21UCT6AL	Advanced Learner Course - II : Data Analytics	New Paper	100	-	-	Industry Expert

Total No. of Papers = 26

Weightage for each paper = 100

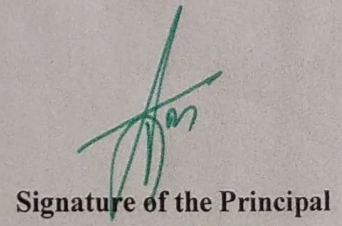**No. of Paper Newly Introduced / Revised = 10**

PERCENTAGE OF SYLLABUS REVISED = (1000/3400)*100 = 29.41%

Signature of the HoD

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