KONGU ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

ERODE – 638 107

Department of Computer Technology and Information Technology

DEPARTMENT OF COMPUTER TECHNOLOGY AND INFORMATION TECHNOLOGY

BOARD OF STUDIES MEETING

AGENDA

DATE: 24.02.2018

1. To consider and approve the syllabi for the students admitted during the academic year 2016-2017, 2017-2018 and 2018-2019 onwards.

2. To consider and approve the Syllabi for Non Major Electives for III and IV Semesters for UG students admitted during the year 2017-18 and onwards

2. To consider and approve the Panel of Examiners.

3. To consider and discuss any other subjects with the permission of the chair.

Dr. N. RAMAN
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
NANJANAPURAM ERODE - 638 107

KONGU ARTS AND SCIENCE COLLEGE
(Autonomous)

Affiliated to Bharathiar University, Coimbatore
Approved by UGC, AICTE, New Delhi & Re accredited by NAAC
(AN ISO 9001: 2015 Certified Institution)
Nanjanapuram, Erode – 638 107

The meeting of the Board of Studies in Computer Technology and Information Technology UG

was conducted on 24 .02.2018 at 10.15 a.m.in the College Campus

The following members were present:

Chairman   : Mr. S.Muruganantham

Members   :

    1. Ms. R. Rooba

    2. Ms. C. Indrani

    3. Dr. B. Ananthi

    4. Dr. P. Tamilselvi

Dr. N. RAMAN
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
NANJANAPURAM, ERODE - 638 107

Subject related to CBCS, Outcome based Syllabus, Advanced Learners Course, Extra credits and Non Major Electives were discussed and the following are the resolutions:

1. It is resolved to approve the Scheme of Examination and new Syllabi of III & IV Semesters for the B.Sc. (Computer Technology) and students admitted during the year 2017 – 2018 and onwards. **(Annexure - A & B)**

2. It is resolved to approve the Scheme of Examination and new Syllabi of III & IV Semesters for the B.Sc. (Computer Technology) and students admitted during the year 2017 – 2018 and onwards. **(Annexure - C & D)**

3. There is no change in the Syllabi of I and II Semesters for the B.Sc. (Computer Technology) students admitted during the year 2018 – 2019 and onwards.

4. There is no change in the Syllabi of I and II Semesters for the B.Sc. (Information Technology) students admitted during the year 2018 – 2019 and onwards.

5. There is no change in the Syllabi of V and VI Semesters for the B.Sc. (Computer Technology) students admitted during the year 2016 – 2017 and onwards.

6. There is no change in the Syllabi of V and VI Semesters for the B.Sc. (Information Technology) students admitted during the year 2016 – 2017 and onwards

7. It is resolved to approve the Syllabi and Extra Credits for the Advanced Learners for the IV Semester for UG students who have been admitted during the academic year 2017 – 2018 and onwards.

8. It is resolved to approve the syllabi for Non Major Electives for III and IV Semesters for UG students admitted during the year 2017 -2018 and onwards.

9. It is resolved to approve the Question Paper Pattern for Non Major Elective course for the students admitted during the year 2017-18 and onwards. **(Annexure –I)**

10. It is resolved to approve the additional name for Panel of Members for Question Paper Setting and Central Valuation. **(Annexure –II)**

Dr. N. RAMAN
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
NANJANAPURAM ERODE - 638 107

Details of Modifications in the Courses offered under the programme

B.Sc. (Computer Technology)

The following modifications are adopted in the curriculum and syllabi of III and IV semesters for the B.Sc. (Computer Technology) students admitted during the year 2017 – 2018 and onwards based on the feedback obtained from Stakeholders and recommendations of the BOS Panel Members.

- Core: Operating Systems is shifted from semester IV to semester III .
- Core: Computer Networks is shifted from semester V to semester IV.
- Skill Based Course: Networks Lab is shifted from semester V to semester IV.
- Non-Major Elective Courses (NME I: Fundamentals of Programming and NME II : Web Graphics) are being introduced newly in the III and IV semesters for the UG students.
- Skill Based Course: Linux Programming Lab (17UASP305) is introduced in the III semester.
- The following Advanced Learners Courses are also introduced in the IV Semester.
    - ➢ ALC : Windows Programming (17UALAL407)
    - ➢ ALC : Embedded Systems (17UALAL408)
- The following courses are removed from the syllabi in the III and IV semester.
  Semester III: Data Structures Lab (15UALSP305)
  Semester IV: Operating Systems Lab.(15UALSP405)

The details of the adopted modifications are given in **Annexure - B**.

Dr. N. RAMAN
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
NANJANAPURAM ERODE - 638 107

B.Sc. (Computer Technology) – Details of Modifications with specific topics in the Syllabus with % Revision

S.No.	Course Code	Course Name	Topics Introduced	Topics Removed	% of Revision
1.	17UALSP305	Linux Programming Lab	New Course (All 10 Programs) introduced		100 %
2.	17UALNT306	NME I : Fundamentals of Programming	Unit I-Unit V introduced		100 %
3.	17UALAT404	PC Hardware	Unit I : Troubleshooting the CPU Unit IV: The Video Subsystem : Monitors	-	0.05 %
4.	17UALSP405	Networks Lab	Out of 10 programs 1 program was revised.		10 %
5.	17UALNT406	NME II: Web Graphics	Unit I-Unit V introduced		100 %
6.	17UALAL407	ALC : Windows Programming	Unit I-Unit V introduced		100 %
7.	17UALAL408	ALC : Embedded Systems	Unit I-Unit V introduced		100 %
8.	15UALSP305	Data Structures Lab	Course removed from the syllabi		-
9.	15UALSP405	Operating Systems Lab	Course removed from the syllabi		-

- In overall, there had been 12% of revision in the syllabus of the B.Sc. Computer Technology programme.

Dr. N. RAMAN
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
NANJANAPURAM, ERODE - 638 107

Annexure - C

Details of Modifications in the Courses offered under the Programme

B.Sc. (Information Technology)

The following modifications are adopted in the curriculum and syllabi of III and IV semesters for the B.Sc. (Information Technology) students admitted during the year 2017 – 2018 and onwards based on the feedback obtained from Stakeholders and recommendations of the BOS Panel Members.

- Core: Database Management Systems in semester III is renamed as Database Systems and some modifications are done in that.
- Core Lab: Database Management Systems Lab in semester III is renamed as Database Systems Lab.
- Non-Major Elective Courses (NME I: Introduction to Information Technology and NME II : E - Commerce) are being introduced newly in the III and IV Semesters for the UG students.
- Core: Operating Systems is shifted from semester V to semester IV.
- Allied: Embedded Systems (17UAMAT404) is introduced in the semester IV.
- Skill Based Course (Lab) : Multimedia Lab is shifted from semester V to semester IV.
- Core: Computer Networks is renamed and shifted to semester V as Core: Data Communications and Networks
- Advanced Learners Course : Linux Programming (17UAMAL407) is introduced in the IV Semester.
- Advanced Learners Course: Information Security in semester IV is shifted to semester VI as core.
- Skill Based Course (Lab) : Networks Lab is removed from the syllabi.

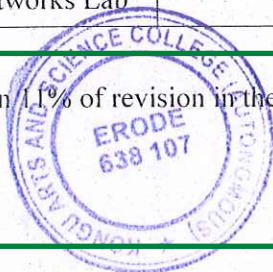The details of the adopted modifications are given in **Annexure – D.**

Dr. N. RAMAN
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
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B.Sc. (Information Technology) – Details of Modifications with specific topics in the Syllabus with % Revision

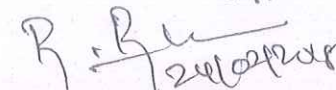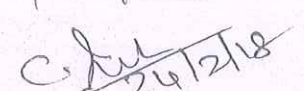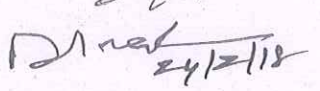| S.No.	Course Code	Course Name	Topics Introduced	Topics Removed	% of Revision
1.	17UAMCT301	Database Systems	Unit 1 :Basic concepts and Definition, File-oriented System versus Database System, Historical Perspective of Database Systems, Database Language Unit II : Codd's Rules, Embedded Structured Query Language (SQL) Unit IV : Join Dependencies and Fifth Normal Forms (5NF) Unit V:Concurrency Control	Unit I : Centralized and Client/Server Architectures for DBMSs Unit IV: Specifying Constraints as Assertions and Triggers , Views in SQL Unit V : Encryption and Public Key Infrastructures , Challenges of Database Security -	14 %
2.	17UAMNT306	NME: Introduction to Information Technology	Unit I-Unit V introduced		100 %
3.	17UAMAT404	Embedded Systems	Unit I-Unit V introduced		100 %
4.	17UAMSP405	Multimedia Lab	Out 10 programs 3 programs were revised		30 %
5.	17UAMAL407	Linux Programming	Unit I-Unit V introduced		100 %
6.	17UAMAL408	PC Hardware	Unit I : Troubleshooting the CPU Unit IV: The Video Subsystem : Monitors	-	0.05 %
7.	17UAMNT406	NME: E-Commerce	New Course (All 5 Units)		100 %
8.	15UAMSP405	Networks Lab	Course removed from the syllabi		-
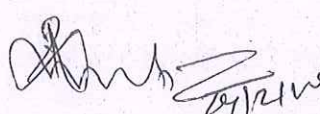
- In overall, there had been 11% of revision in the syllabus of the B.Sc. Computer Technology programme.

All the above resolutions are approved.

1. (signature) M. Anand 24/02/18 (S. Muruganantham)

2. R. (signature) 24/02/18 (R. Rooba)

3. C. (signature) 24/2/18 (R. INDIRANI)

4. Dinesh 24/2/18 (B. Ananth)

5. (signature) 24/2/18 (P. R. Tamilselvi)

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