KARPAGAM ACADEMY OF HIGHER EDUCATION
COIMBATORE – 641 021

Minutes of the meeting of the Board of Studies in Computer Science held on 27-03-2019 at 10.00 am in the Department of Computer Science at Karpagam Academy of Higher Education.

<u>Members Present:</u>

1. Dr.S. Veni   Chair Person
   Professor and Head,
   Department of Computer Science
   Karpagam Academy of Higher Education
   Coimbatore - 641021

2. Dr. R. Gunasundari   Member
   Associate Professor
   Department of Computer Applications,
   Karpagam Academy of Higher Education
   Coimbatore - 641021

3. Dr. S.Sheeja   Member
   Associate Professor
   Department of Computer Applications
   Karpagam Academy of Higher Education
   Coimbatore - 641021

4. Dr. Vasantha Kalyani David   External member
   Professor
   Department of Computer Science
   Avinashilingam Institute for Home Science and Higher Education for Women
   Coimbatore - 641043

5. Mr. P.S.Felix   External Member
   Project Manager
   CG-VAK
   Mettupalayam Road
   Coimbatore

The Chairperson welcomed the members of the Board. Leave of absence granted to Dr. Arunkumar Thangavelu, Professor, School of Computer Science, VIT, Vellore. The Board carefully scrutinized the draft Regulations and syllabi and after detailed discussion the following   resolutions   were   passed.

Agenda: 1

To consider and approve introduction of B.Sc(CS) with cognitive systems under Faculty of Arts, Science and Humanities (FASH) from the Academic year 2019 - 2020.

Resolution: 1

Resolved to approve the introduction of B.Sc(CS) with cognitive systems under Faculty of Arts, Science and Humanities (FASH) from the Academic year 2019 - 2020.

Agenda: 2

To consider and approve the Regulations and Syllabus for the followingUG programme for the academic year 2019-2020,

      i. B.Sc Computer Science

      ii. B.Sc Information Technology

      iii. B.Sc Computer Technology

      iv. B.Sc Computer Science with Cognitive Systems

Resolution: 2

Resolved to approve the Regulations and Syllabus for the following UG programme and it comes into effect from 2019-2020 (Approved Syllabus given in Annexure-I).

      i.   B.Sc Computer Science

      ii.   B.Sc Information Technology

      iii.   B.Sc Computer Technology

      iv.   B.Sc Computer Science with Cognitive Systems

Agenda: 3

To consider and approve the Regulations and Syllabus for the following PG programme for the academic year 2019-2020,

      i. M.Sc Computer Science

Resolution: 3

Resolved to approve the Regulations and Syllabus for the following PG programme and it comes into effect from 2019-2020(Approved Syllabus given in Annexure-II).

      i. M.Sc Computer Science

Agenda: 4

To consider and approve the Regulations and Syllabus for the following research programme for the academic year 2019-2020,

      i. M.Phil in Computer Science

      ii. Ph.D in Computer Science

Resolution: 4

Resolved to approve the Regulations and Syllabus for the following research programme and it comes into effect from 2019-2020(Approved Syllabus given in Annexure-III).

      i. M.Phil in Computer Science

     ii. Ph.D in Computer Science

The following changes are made in the existing syllabus and were formed as per UGC norms

BSc Computer Science (Cognitive Systems)

A new programme BSc (Computer Science with Cognitive Systems) is introduced for the batch 2019-2020. The syllabus is framed along with collaboration of Tata Consultancy Services.

B.Sc Computer Science (2019-2020 Batch)

- Syllabus framed for 2018-2019 academic year will be followed for 2019-2020 Batch

B.Sc Information Technology

The following changes have been made taking employability, entrepreneurship and skill development in to consideration.

- The content of unit in Environmental Studies has been updated.
- Programming in Java – Content of Servlet and Swing may be removed.
- The program list in Programming in Java – Practical has been c
- In semester III, Programming in MATLAB course to be replaced by Programming in Python theory and Practical
- In semester IV, Programming with Visual Basic to be replaced by Programming in PERL.
- Internet Technologies courses has be replaced with scripting languages in Semester IV
- Computer networks course has been replaced with Data Communications and Networks.

The UG programme B.Sc IT consists of 65 courses in which all the courses the changes has been made. The overall change is approximately 7%.

B.Sc Computer Technology

The following changes have been made taking employability, entrepreneurship and skill development in to consideration.

- The content of unit in Environmental Studies has been updated.
- Programming in Java – Content of Servlet and Swing to be removed.
- The content of the unit of Discrete Structure course has been changed.
- In Semester III, Programming with Visual Basic course to be replaced by Relational Database Management System.
- Computer Network course has been replaced with Data Communications and Networks.
- Programming in MATLAB course to be replaced by Programming in PYTHON.
- In semester IV, Internetworking with TCP/IP course to be replaced by Internet of Things.
- Hyper Text Markup Language course to be replaced with Scripting Language course.

The UG programme B.Sc CT consists of 65 courses in which all the courses the changes has been made. The overall change is approximately 7%.

MSc (Computer Science)

- Syllabus framed for 2018-2019 academic year will be followed for 2019-2020 Batch.

M.Phil / Ph.D (Computer Science)

The following changes have been made:

- Unit-V has been replaced in the Research Methodology and Pedagogy course.

The following is added as a new elective course

1. Cyber Security.

The M.Phil / Ph.D (Computer Science) programme consists of 13 courses in which one new course is added. The total change is 17 %.

Remarks:

All the courses in all programmes focus on employability, entrepreneurship and skill development.

CHAIR PERSON

- Head of the Department
Department of Computer Science
Faculty of Arts, Science and Humanities
Karpagam Academy of Higher Education
Coimbatore – 641 021, Tamil Nadu, India.

REGISTRAR
Karpagam Academy of Higher Education
(Deemed to be University Under Section 3 of UGC Act 1956)
Pollachi Main Road, Eachanari Post,
Coimbatore - 641 021.