Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University Estd. u/s 3 of UGC Act 1956, Category A by MHRD)
Re-accredited with A++ Grade by NAAC. CGPA 3.65/4, Category I by UGC
Coimbatore - 641 043, Tamil Nadu, India

Department of Computer Science

Minutes of the BoS Meeting

Minutes of the Board of Studies meeting in the Department of Computer Science held on

04-07-2022 at **10.30 am.**

BoS Members

Internal Members:

1. **Dr. (Mrs).Vasantha Kalyani David**
   Professor & HoD   - Chairperson

2. **Dr.(Mrs).G.Padmavathi**
   Professor & Dean-PSCS   - Member

3. **Dr .(Mrs).V.Radha**
   Professor   - Member

4. **Dr .(Mrs).S.N.Geethalakshmi**
   Professor   - Member

5. **Dr .(Mrs).B.Kalpana**
   Professor   - Member

6. **Dr .(Mrs).I.Elizabeth Shanthi**
   Professor   - Member

7. **Dr .(Mrs).P.Subashini**
   Professor   - Member

8. **Dr .(Mrs).R.Vijayabhanu**
   Assistant Professor(SG)   - Member

9. Dr.(Mrs).B. Sarojini   - Member
   Assistant Professor(SS)

External Members:

Dr.M.Thangaraj
                                                                             - Academic Expert
Professor & Head,

Department of Computer Science,
Madurai Kamaraj University,
Madurai.

Mrs. Rachel Premnath,
                                                                             - Industry Expert
Chief Executive Officer,

Point Perfect Transcription
Services Pvt Ltd.Coimbatore

The following points were discussed during the meeting and decided for implementation from the
academic year 2021-2022.

(a) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and
4th semesters applicable for **M.Sc Computer Science and Master of Computer Applications**
students admitted from the academic year 2021-22 and onwards.

The board approved and passed the scheme and Course Outcomes & CO-PO mapping for
courses offered during 3rd and 4th semesters applicable for **M.Sc Computer Science and
Master of Computer Applications** students admitted from the academic year 2021-2022
and onwards.

Annexure – I (A) M.Sc)

Annexure –I (B) (MCA)

(b) Introduction of **Interdisciplinary Course -22MCSI02 – Machine Learning using Excel**
applicable for Postgraduate students admitted from the academic year 2022-2023 & onwards.

The board approved the introduction of **Interdisciplinary course-22MCSI02 –
Machine Learning using Excel** for the **PG** students admitted from the academic
year 2022-2023 and onwards.

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Coimbatore - 641 043, Tamil Nadu, India

Department of Computer Science

Minutes of the BoS Meeting

Minutes of the Board of Studies meeting in the Department of Computer Science held on 14-07-2022 at 10.30 am.

BoS Members

Internal Members:

1.	Dr. (Mrs).Vasantha Kalyani David Professor & HoD	- Chairperson
2.	Dr.(Mrs).G.Padmavathi Professor & Dean-PSCS	- Member
3.	Dr .(Mrs).V.Radha Professor	- Member
4.	Dr .(Mrs).S.N.Geethalakshmi Professor	- Member
5.	Dr .(Mrs).B.Kalpana Professor	- Member
6.	Dr .(Mrs).I.Elizabeth Shanthi Professor	- Member
7.	Dr .(Mrs).P.Subashini Professor	- Member
8.	Dr .(Mrs).R.Vijayabhanu Assistant Professor(SG)	- Member

9. Dr .(Mrs).B. Sarojini   - Member
   Assistant Professor(SS)

External Members:

Dr.M.Thangaraj

Professor & Head,   - Academic Expert

Department of Computer Science,
Madurai Kamaraj University,
Madurai.

Mrs. Rachel Premnath,

Chief Executive Officer,   - Industry Expert

Point Perfect Transcription
Services Pvt Ltd.Coimbatore

The following points were discussed during the meeting and decided for implementation from the academic year 2021-2022.

(a) Inclusion of Course Outcomes and CO-PO mapping for courses offered during 3rd and 4th semesters applicable for **M.Sc Computer Science and Master of Computer Applications** students admitted from the academic year 2021-22 and onwards.

The board approved and passed the scheme and Course Outcomes & CO-PO mapping for courses offered during 3rd and 4th semesters applicable for **M.Sc Computer Science and Master of Computer Applications** students admitted from the academic year 2021-2022 and onwards.

Annexure – I (A) M.Sc)

Annexure –I (B) (MCA)

(b) Introduction of **Interdisciplinary Course -22MCSI02 – Machine Learning using Excel** applicable for Postgraduate students admitted from the academic year 2022-2023 & onwards.

The board approved the introduction of **Interdisciplinary course-22MCSI02 – Machine Learning using Excel** for the **PG** students admitted from the academic year 2022-2023 and onwards.

Annexure 1 (A & B)

The board approved and passed the Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semesters applicable for **B.Sc Computer Science and Bachelor of Computer Applications** students admitted from the academic year 2021-2022 and onwards.

<div align="right">

Annexure-I(C)(BSC)

Annexure-I(D) (BCA)

</div>

(d) (i) Inclusion of Programme Outcomes and Programme Specific Outcomes applicable for **B.Voc Artificial Intelligence and Machine Learning** from the academic year 2021-22 and onwards.

The board approved and passed the Course Outcomes and CO-PO mapping for courses offered during 3rd to 6th semesters applicable for **B.Voc Artificial Intelligence and Machine Learning** students admitted from the academic year 2021-2022 and onwards.

<div align="right">

Annexure – I(E)(B.VoC)

</div>

(e) Introduction to the syllabi for the following Value-Added Courses applicable for the Under Graduate Students admitted from the academic year 2021-2022 and onwards.

21BCSV03 Artificial Intelligence in Home Science
21BCSV04 Artificial Intelligence in Business

<div align="right">

Annexure I (F)

</div>

(f) Passing the syllabus of specialization papers applicable for Ph.D. research scholars admitted during January 2022.

The following specialization papers applicable for Ph.D. research scholars of Computer Science admitted during January 2022.

<div align="right">

Annexure II

</div>

(g) List of Subject experts for BoS, Screening & Selection Committee, practical examinations, question paper setting and valuation.
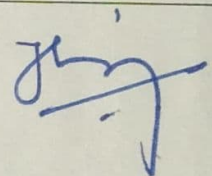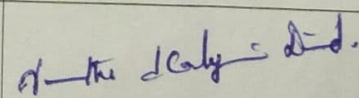
The board recommended the list of Subject experts for BoS, Screening & Selection Committee, practical examinations, question paper setting and valuation

h) Inclusion of Computer Science related B.Voc Degree Programmes as an eligibility to pursue computer science related PG programmes as follows:

(i) The eligibility for Computer Science related B.Voc Degree Programmes to pursue MCA Programme as follows:

The board approved and passed that any other computer science related B.Voc degree will be eligible for admission to MCA (as per guidelines given in the AICTE Approval process handbook – Page No: 91, Table No 1.4 -Post Graduate Diploma / Post Graduate Degree / Post Graduate Certificate) offered by the Department of Computer science from 2022-23 onwards

Annexure-IV

(ii) The board recommended Computer Science related B.Voc degree programmes are eligible for admission to M.Sc Computer Science from the academic year 2022-23 onwards

Annexure-V

Suggestions from External Member:

1. The external subject expert suggested that introduction of any dual degree certification course may be undertaken by the department based on the department's interest and availability of appropriate resources.

2. The expert suggested to include recent research publications as one of the unit in Ph.D Paper3, Specialization paper.

3. The external subject expert suggested to include mathematics paper for B.Sc (Computer Science) and BCA.

4. The expert suggested to have MoU with educational Institutions to enable ABC transfer.

Signatures of the Members Present:

External Members:

S.No	Name	Designation	Signature
1	Dr.M.Thangaraj	Professor & Head, Department of Computer Science, Madurai Kamaraj University, Madurai	
2	Mrs. Rachel Premnath	Chief Executive Officer, Point Perfect Transcription Services Pvt Ltd. Coimbatore	

Internal Members:

S.No	Name	Designation	Signature
1	Dr .(Mrs).VasanthaKalyani David	Professor &HoD	

4	Dr .(Mrs). S.N.Geethalakshmi	Professor	
5	Dr .(Mrs).B.Kalpana	Professor	*S.N. Geethalakshmi 4/7/2022*
6	Dr .(Mrs).I. Elizabeth Shanthi	Professor	*Kalpana B 4/7/22*
7	Dr .(Mrs).P. Subashini	Professor	*Shanthi 4/7/2022*
8	Dr .(Mrs).R.Vijayabhanu	Assistant Professor(SG)	*P.Sub 4/7/2022 Vijayabhanu 4/7/22*
9	Dr .(Mrs).B. Sarojini	Assistant Professor(SS)	*B.Saroj 4/7/22*

6/6

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Coimbatore - 641 043, Tamil Nadu, India

Department of Computer Science

Minutes of the Board of Studies Meeting on 26-04-2023 at 10.00 AM.

BoS Members

Internal Members:

1. **Dr .S.N.Geethalakshmi**   **- Chairperson**
   Professor & HoD

2. **Dr.G.Padmavathi**   **- Member**
   Professor & Dean-PSCS

3. **Dr .V.Radha**   **- Member**
   Professor

4. **Dr .B.Kalpana**   **- Member**
   Professor

5. **Dr .I.Elizabeth Shanthi**   **- Member**
   Professor

6. **Dr.P.Subashini**   **- Member**
   Professor

7. **Dr .M.Krishnaveni**   **-Member**
   Assistant Professor(SS)

8. **Dr .G. Sudhamathy**   **- Member**
   Assistant Professor(SS)

External Members:

Dr. S.Nikolas   **- Academic Expert**
Professor
National Institute of Technology (NIT)
Tiruchirapalli – 620015

Dr. Mohan Saravanan   **- Industry Expert**
Senior Researcher
Erricson India Ltd.,
Chennai - 600096

Invited Members: **- Nil**

The following points were discussed by the board during the meeting and recommended for implementation from the academic year 2023-2024 & onwards:

1. a) Recommended the implementation of Learning Outcomes based Curriculum Framework (LOCF) for Undergraduate programmes B.Sc CS & BCA applicable for students admitted from the academic year 2023 – 2024 & onwards, as given in Annexure I-(A) B.Sc CS Scheme, Annexure II – (B) BCA Scheme.

b) Recommended and passed the scheme with the inclusion of CO-PO mapping and matrix applicable for Undergraduate students admitted from the academic year 2023 - 2024 & onwards, with a minor corrections in the following course

*23BCSC08 & 23BCAC11 – Software Engineering

as given in Annexure I-(B) B.Sc. CS Syllabus , Annexure II-(B) BCA Syllabus.

2. The Board discussed on the revision of Scheme & Syllabus of B.Voc. AI & ML. The following points were discussed :

 i.   Skill training certificate would be provided after completion of each semester.

 ii.   Renaming of 23VAIC03, Problem Solving using Artificial Intelligence to 23VAIC03, Fundamentals of Artificial Intelligence and 23VAIS08, Machine Learning to 23VAIS08, Deep Learning.

 iii.   All the Skill Training Courses will be handled by ICT Academy1

 iv.   Skill training courses titles are renamed as Skill training – I , II ,III , IV … etc with appropriate titles and change in the credits.

Skill Training - I (R Programming)

Skill Training - II (Python Programming)

Skill Training – III (Machine Learning and Data Analytics)

Skill Training – IV (Advanced Python Programming)

Skill Training – V (Data Visualization Techniques)

Skill Training – VI (Natural Language Processing)

Skill Training –VII (Internet of Things)

Skill Training – VIII (Deep Learning)

Skill Training –IX (Robotics)

Skill Training – X (Computer Vision)

 v.   Revision of the syllabus for the following courses :

23VAIC08 - Programming in Python

23VAIS02- Skill Training in Python

<div align="center">23VAIC09 - Advanced Python Programming</div>

<div align="center">23VAIS04 - Skill Training in Advanced Python</div>

<div align="center">23VAIC12 - Big Data Analytics</div>

<div align="center">23VAIC15 - Deep Learning</div>

<div align="center">23VAIS07 – Skill Training in IoT</div>

as given in Annexure III B.Voc AI & ML Scheme and Syllabus.

3. Recommended the revised syllabi with revision in the subject code for Postgraduate programmes M.Sc CS & MCA applicable for students admitted from the academic year 2023 - 2024 & onwards.

The board discussed and recommended the revisions as given in Annexure IV M.Sc. CS Scheme and Syllabus, Annexure V MCA Schemeand Syllabus.

4.   a) Recommended the revised Scheme and Syllabi of of Ph.D. Programmes applicablefrom the academic year 2023-2024 & onwards.

The board discussed and recommended revision in,
<div align="center">23PHCS02 Advances in Computer Science</div>

as given in Annexure VI Ph.D. Scheme and Syllabus

b) Passing the syllabi of Specialization papers applicable for Ph.D. scholars admitted during February, 2023.

<div align="center">**Not Applicable**</div>

5. The Board recommended to adopt the following aspects in the Institution from 2023-2024 & onwards:

a) Four year Undergraduate programmes

b) Dual Programmes

c) Common University Entrance Test (CUET) for PG programmes Admission

d) Common University Entrance Test (CUET) for Ph.D. programmes Admission

6. a) Recommended to introduce new PG Course M.Sc. Artificial Intelligence (2 Years) for the academic Year 2023-2024 onwards.

Eligibility – B.Sc CS/ IT / CT / Applied Science / BCA / B.Voc AI / B.Sc AI / B.Sc DS

The Board passed the scheme & syllabus for M.Sc. Artificial Intelligence with the following   corrections and suggestions made

- More courses to be introduced that are relevant to the programme - Artificial Intelligence such as Human Computer Interaction.

- The programme should be distinct from other PG programmes under the Department

- Courses offered during first Semester to be replaced with relevant Artificial Intelligence papers.

as given in Annexure VII M.Sc. AI Scheme & Syllabus

b) The Board recommended the introduction of Professional Certification Course 23MCSPC5 Power BI for the Post Graduate programmes M.Sc. CS, M.Sc AI and MCA students admitted from the academic year 2023-2024 onwards.

Signature of the Members:

External Members:

S.No.	Name	Designation	Signatures
1.	Dr.S.Nickolas	Professor, National Institute of Technology (NITT), Tiruchirappalli - 620015.	
2.	Dr.Mohan Saravanan	Senior Researcher, Erricson India Ltd., Chennai – 600 096.	

Internal Members:
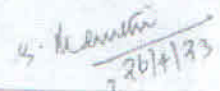
S.No.	Name	Designation	Signatures
1.	Dr .S.N.Geethalakshmi	Chairperson Professor & HoD	
2.	Dr.G.Padmavathi	Professor & Dean-PSCS	
3.	Dr .V.Radha	Professor	
4.	Dr .B.Kalpana	Professor	
5.	Dr .I.Elizabeth Shanthi	Professor	
6.	Dr .P.Subashini	Professor	
7.	Dr .M.Krishnaveni	Assistant Professor(SS)	
8.	Dr .G. Sudhamathy	Assistant Professor(SS)	

Signature of the Members:

External Members:

S.No.	Name	Designation	Signatures
1.	Dr.S.Nickolas	Professor, National Institute of Technology (NITT), Tiruchirappalli - 620015.	φ. Nicholas 26/04/2023
2.	Dr.Mohan Saravanan	Senior Researcher, Erricson India Ltd.. Chennai – 600 096.	27/4/2023

Internal Members:

S.No.	Name	Designation	Signatures
1.	Dr .S.N.Geethalakshmi	Chairperson Professor & HoD	S.N. Geethalakshmi 26/4/2023
2.	Dr.G.Padmavathi	Professor & Dean-PSCS	G. Padmavathi 26/4/23
3.	Dr .V.Radha	Professor	26/4/23
4.	Dr .B.Kalpana	Professor	Kalpana B
5.	Dr .I.Elizabeth Shanthi	Professor	I. Sur 26/4/23
6.	Dr .P.Subashini	Professor	
7.	Dr .M.Krishnaveni	Assistant Professor(SS)	Krish S.m
8.	Dr .G. Sudhamathy	Assistant Professor(SS)	Absent due to leave