



# **KONGU ARTS AND SCIENCE COLLEGE**

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

**ERODE – 638 107**

**Department of Computer Science (PG)**



**KONGU ARTS AND SCIENCE COLLEGE**  
(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)  
Nanjanapuram, Erode – 638 107.



**DEPARTMENT OF COMPUTER SCIENCE(PG)**

**BOARD OF STUDIES MEETING**

**AGENDA**

**DATE: 26.03.2021**

1. To consider and approve the Scheme and Syllabi for the students admitted during the academic year 2020-2021, 2021-2022 and onwards.
2. To consider and approve the new pattern of question papers for the academic year 2021 – 2022 and onwards.
3. To consider and approve the Panel of Examiners.
4. To consider and discuss any other subjects with the permission of the chair.



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The meeting of the Board of Studies in COMPUTER SCIENCE (P.G.)

was conducted on 26.03.2021 at 10.00 a.m. through Google Meet.


**The following members were present:**

Chairman : Dr. B. Jayanthi

Members :

1. Ms. S. Karthikeyeni – Senior Faculty
2. Dr. J. Ghayathri - Senior Faculty
3. Mr. K.K. Suresh kumar – Faculty Member
4. Mr. S. Vijayakumar - Faculty Member
5. Ms. S. Krithika - Faculty Member
6. Dr. R. Balasubramaniam -Subject Expert
7. Dr. R. Velmurugan – Subject Expert
8. Dr. D. Devakumari – University Nominee
9. Dr. Ann Baby – Alumni representative




  
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Subject related to CBCS, Outcome based Syllabus, Credit Systems, Continuous Internal Assessment, End Semester Examinations and Panel of Examiners were discussed and the following are the resolutions:

MCA:

1. It is resolved to approve
  - a. there is a change in the Scheme of Examination and Syllabi of I and II Semesters for the MCA students to be admitted during the academic year 2021 – 2022 and onwards.
  - b. there is a change in the Scheme of Examination and Syllabi of III and IV Semesters for the MCA students who have admitted during the year 2020 – 2021
  - c. the Syllabi and Extra Credits for the Advanced Learners Course for the III Semester for the students who have been admitted during the year 2020 – 2021  
**(Annexure a & b)**
2. It is resolved to approve the new question paper pattern to be followed during the academic year 2021 – 2022 and onwards. **(Annexure a & b)**
3. It is resolved to approve the changes made in CIA marks for attendance for the students to be admitted during the academic year 2021-2022 and onwards. **(Annexure a & b)**
4. It is resolved to approve the procedure of taking the average marks of both First and Second Internal tests for Continuous Internal Assessment to be admitted from the academic year 2021-2022 and onwards. (Annexure –II(a) and (b))
5. Extra credits will be awarded to the students who have completed SWAYAM / MOOC from the academic year 2021 – 2022 and onwards.
6. It is resolved to approve the additional name for Panel of Members for Question Paper Setting and Central Valuation. **(Annexure a & b)**



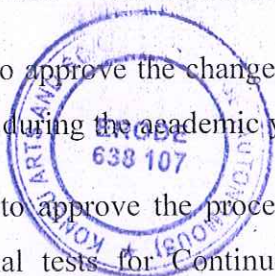
  
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## M.Sc Computer Science

7. It is resolved to approve
  - a. there is a change in the Scheme of Examination and Syllabi of I and II Semesters for the M.Sc (Computer Science) students to be admitted during the academic year 2021 – 2022 and onwards.
  - b. there is a change in the Syllabi of III and IV Semesters for the M.Sc (Computer Science) students who have admitted during the year 2020 – 2021
  - c. the Syllabi and Extra Credits for the Advanced Learners Course for the III Semester for the M.Sc (Computer Science) students who have been admitted during the year 2020 – 2021 **(Annexure a & b)**
8. It is resolved to approve the new question paper pattern to be followed during the academic year 2021 – 2022 and onwards. **(Annexure a & b)**
9. It is resolved to approve the changes made in CIA marks for attendance for the students to be admitted during the academic year 2021-2022 and onwards. **(Annexure a & b)**
10. It is resolved to approve the procedure of taking the average marks of both First and Second Internal tests for Continuous Internal Assessment to be admitted from the academic year 2021-2022 and onwards. **(Annexure a & b)**
11. Extra credits will be awarded to the students who have completed SWAYAM / MOOC from the academic year 2021 – 2022 and onwards.
12. It is resolved to approve the additional name for Panel of Members for Question Paper Setting and Central Valuation. **(Annexure a & b)**

### PGDCA


13. It is resolved to approve that there is a change in the Scheme of Examination and Syllabi of I and II Semesters for the PGDCA students admitted during the academic year 2021 – 2022 and onwards. **(Annexure a & b)**
14. It is resolved to approve the new question paper pattern to be followed during the academic year 2021 – 2022 and onwards. **(Annexure a & b)**
15. It is resolved to approve the changes made in CIA marks for attendance for the students to be admitted during the academic year 2021-2022 and onwards. **(Annexure a & b)**
16. It is resolved to approve the procedure of taking the average marks of both First and Second Internal tests for Continuous Internal Assessment to be admitted from the academic year 2021-2022 and onwards. **(Annexure a & b)**



  
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17. It is resolved to approve the additional name for Panel of Members for Question Paper Setting and Central Valuation. (Annexure a & b)



  
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## Details of Modifications in the Courses Offered Under the Programme

### MCA

The following modifications are done in the Syllabi of I, II, and III Semester for MCA students admitted during the academic year 2021-2022 and onwards based on the feedback obtained from Stakeholders and recommendations of the BOS Panel Members.

In the I and II semesters the following Core Courses are Newly Introduced:

- Computer Architecture (21PBKCT101)
- Data Structures (21PBKCT102)
- Relational Database Management Systems (21PBKCT103)
- Java Programming (21PBKCT104)
- Data Structures Lab using Java (21PBKCP109)
- Relational Database Management Systems Lab (21PBKCP110)
- Data Visualization Lab (21PBKCP111)
- Software Engineering (21PBKCT204)
- Linux Lab (21PBKCP209)
- Google Web Designer Lab (21PBKCP211)

In the I and II semesters the following Elective Courses are Newly Introduced:


- Cloud Computing (21PBKET105)
- Critical Thinking (21PBKET108)
- E-Content Writing (21PBKET205)

In the III semester the following ALC Course is Newly Introduced:

- Computer Simulation (20PBHAL312)

The adopted modifications are given in **Annexure b**



  
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## M.Sc COMPUTER SCIENCE

The following modifications are done in the Syllabi of I, II, and III Semester for M.Sc. Computer science students admitted during the academic year 2021-2022 and onwards based on the feedback obtained from Stakeholders and recommendations of the BOS Panel Members.

In the I and II Semesters, the following Core Courses are newly introduced:

- Advanced Java Programming (21PBICT102)
- Advanced Database Management Systems (21PBICT103)
- Software Project Management & Software Engineering (21PBICT104)
- Advanced Database Management Systems Lab (21PBICP106)
- Cryptography & Network Security (21PBICT201)
- Artificial Intelligence & Machine Learning (21PBICT203)
- Python Programming (21PBICT204)
- Linux Lab (21PBICP209)
- Python Programming Lab (21PBICP210)
- Web Development using ASP.Net (21PBICP211)


In the II Semester, the following Elective Courses are newly introduced:

- Mobile Computing (21PBIET205)
- E-Content Writing (21PBIET206)
- Data Mining (21PBIET207)
- Compiler Design (21PBIET208)

In the III and IV semester the syllabi of the courses mentioned in SOE during the introduction of the programme (2020-2021) are approved.

The adopted modifications are given in **Annexure b**



  
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## POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS


The following modifications are done in the Syllabi of I and II Semesters for PGDCA students admitted during the academic year 2021-2022 and onwards based on the feedback obtained from Stakeholders and recommendations of the BOS Panel Members.

In the I and II Semesters, the following Core Courses are newly introduced:

- Multimedia Lab (21PBJCP108)
- .Net Programming (21PBJCT201)
- C# Lab (21PBJCP204)

The adopted modifications are given in **Annexure b**



  
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**Annexure b**

**Details of Modifications with Specific Topics in the Syllabus with % Revision**

**MCA**


S.No.	Course Name	Course Code	Topics introduced	Topics removed	% Revision
1.	Computer Architecture	21PBKCT101	Newly Introduced (All the Five Units)		100%
2.	Data Structures	21PBKCT102	Newly Introduced (All the Five Units)		100%
3.	Relational Database Management Systems	21PBKCT103	Newly Introduced (All the Five Units)		100%
4	Java Programming	21PBKCT104	Newly Introduced (All the Five Units)		100%
5	Cloud Computing	21PBKET105	Newly Introduced (All the Five Units)		100%
6	Critical Thinking	21PBKET108	Newly Introduced (All the Five Units)		100%
7	Data Structures Lab using Java	21PBKCP109	Newly Introduced (All the Five Units)		100%
8	Relational Database Management Systems Lab	21PBKCP110	Newly Introduced (All the Five Units)		100%
9	Data Visualization Lab	21PBKCP111	Newly Introduced (All the Five Units)		100%
10	Software Engineering	21PBKCT204	Newly Introduced (All the Five Units)		100%
11	E-Content Writing	21PBKET205	Newly Introduced (All the Five Units)		100%
12	PHP Programming	21PBKET208	Newly Introduced (All the Five Units)		100%
14	Linux Lab	21PBKCP209	Newly Introduced (All the Five Units)		100%
15	Google Web Designer Lab	21PBKCP211	Newly Introduced (All the Five Units)		100%
16	Computer Simulation	20PBHAL312	Newly Introduced (All the Five Units)		100%

In overall, there had been nearly a 30% of revision in the Syllabus of the MCA Programme.



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### M.Sc COMPUTER SCIENCE


S.No.	Course Name	Course Code	Topics	Topics removed	%
			introduced		Revision
1	Analysis & Design of Algorithms	21PBICT101	Nil	0/1 Knapsacks – Flow Shop Scheduling.	5%
2	Advanced Java Programming	21PBICT102	Newly Introduced (All the Five Units)		100%
3	Advanced Database Management Systems	21PBICT103	Newly Introduced (All the Five Units)		100%
4	Software Project Management & Software Engineering	21PBICT104	Newly Introduced (All the Five Units)		100%
5	Advanced Java Programming Lab	21PBICP105	Nil	Program 5,7	17%
6	Advanced Database Management Systems Lab	21PBICP106	Newly Introduced (All the Five Units)		100%
7	Cryptography & Network Security	21PBICT201	Newly Introduced (All the Five Units)		100%
8	Artificial Intelligence & Machine Learning	21PBICT203	Newly Introduced (All the Five Units)		100%
9	Python Programming	21PBICT204	Newly Introduced (All the Five Units)		100%
10	Mobile Computing	21PBIET205	Newly Introduced (All the Five Units)		100%
11	E-Content Writing	21PBIET206	Newly Introduced (All the Five Units)		100%
12	Data Mining	21PBIET207	Newly Introduced (All the Five Units)		100%
13	Compiler Design	21PBIET208	Newly Introduced (All the Five Units)		100%
14	Linux Lab	21PBICP209	Newly Introduced (All the Five Units)		100%
15	Python Programming Lab	21PBICP210	Newly Introduced (All the Five Units)		100%
16	Web Development using ASP.Net	21PBICP211	Newly Introduced (All the Five Units)		100%
17	Digital Image Processing	20PBICT301	 <p style="text-align: center;"> <b>Dr. N. RAMAN</b>                      PRINCIPAL,                      KONGU ARTS AND SCIENCE COLLEGE                      (AUTONOMOUS)                      ANJANAPURAM, ERODE - 633 107                 </p>		
18	Python Programming	20PBICT302			
19	Network Security and Cryptography	20PBICT303			
20	Business Intelligence	20PBICT304			

S.No.	Course Name	Course Code	Topics introduced	Topics removed	% Revision
21	Mobile Computing	20PBIET305			
22	Cloud Computing	20PBIET306			
23	Web Services	20PBIET307			
24	Python Programming Lab	20PBICP308			
25	Digital Image processing using Matlab	20PBICP309			
26	Web Designing Lab	20PBICP310			
27	Computer Simulation	20PBIAL311			
28	Human Computer Interaction	20PBIAL312			
29	Project work and Viva voce	20PBICV401			

Courses for the New Programme M.Sc. Computer Science III and IV Semesters

In overall, there had been a 84% of revision in the Syllabus of the M.Sc.(CS) Programme.




  
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## POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS

S.No.	Course Name	Course Code	Topics introduced	Topics removed	% Revision
1.	Multimedia Lab	21PBJCP108		Newly introduced (All five Units)	100%
2.	.Net Programming	21PBJCT201		Newly introduced (All five Units)	100%
3.	C# Lab	21PBJCP204		Newly introduced (All five Units)	100%

In overall, there had been a 23% of revision in the Syllabus of the PGDCA Programme.




  
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All the above resolutions are approved.

1. B. Jeyaraj 26/3/21
2. S. Senthil Kumar 26/3/21
3. J. M. S. 26/3/21
4. U. U. S. 26/3/21
5. S. S. S. 26/3/21
6. S. S. S. 26/3/21



  
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