## Board of Studies Meeting

### Department of Computer Technology

The minutes of the 20th meeting of the Board of Studies held on 11.11.2025 at 10.00 am.

**Members Present:**

| S.NO. | NAME | Category |
|---|---|---|
| 1. | Dr. M. Rathi, Professor and Head | Chairman |
| 2. | Dr. G. Sumalatha, Assistant Professor, Department of Computer Technology and Data Science, Sri Krishna Arts and Science College, Coimbatore. | VC Nominee |
| 3. | Dr. S. Chandia, Assistant Professor, M.Sc Decision and Computing Sciences Coimbatore Institute of Technology, Coimbatore. | Subject Expert |
| 4. | Dr. P.Vijayakumar, Assistant Professor, Department of Computer Applications, Kongu Engineering College, Erode. | Subject Expert |
| 5. | Mrs. Saranya Ramakrishnan, Staff Programme Manager, Kovai.Co, Coimbatore | Industry Expert |
| 6. | Mr. Siddhartha VJ, Senior Test Analyst, Cognizant Technology Solutions, Coimbatore. | Alumni |
| 7. | Dr. N. Kuppuchamy Associate Professor and Head, Department of Tamil | Co-opted Member |
| 8. | Dr.A.Hazel Verbina, Professor and HoD Department of English | Co-opted Member |
| 9. | Dr. R. Sowrirajan, Assistant Professor and Head Department of Mathematics | Co-opted Member |
| 10. | Dr. M. Kalimuthu, Professor and Head, Department of Commerce PA | Co-opted Member |
| 11. | Dr. C. Balakrishnan, Associate Professor and Head Department of Commerce B&I | Co-opted Member |
| 12. | Ms. R. Nandhana,III CT B | Student Representative |
| 13. | Dr.B.Leelavathi, Associate Professor | Member |
| 14. | Dr. T. R. Anand, Assistant Professor (SG) | Member |

| 15. | Mrs. P. Vanitha, Assistant Professor | Member |
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| 16. | Dr. C. Mohanapriya, Assistant Professor | Member |
| 17. | Mrs. K. Vanitha, Assistant Professor | Member |
| 18. | Dr. V. Manimekalai, Assistant Professor (SG) | Member |
| 19. | Dr. D. Geethamani, Assistant Professor | Member |
| 20. | Mr. R. Vijay Anand, Assistant Professor | Member |
| 21. | Mrs. I. Ajitha, Assistant Professor | Member |
| 22. | Ms. S. Leena Sylviya, Assistant Professor | Member |

The HoD and Chairman of the Department of Computer Technology welcomed and introduced all the members and appreciated them for their continuous support and contribution for the development of academic standard and enrichment of the syllabus.

The items of the agenda were taken one by one for discussion and the following resolutions were passed.

## Item 20.1

*To review and approve the minutes of the previous meeting held on 28.06.25.*

The chairman of the Board presented the minutes of the previous meeting held on **28.06.25** and requested the members to approve.

After a brief discussion the following resolution was passed.

**Resolution:**

**Resolved to approve the minutes of the previous meeting held on 28.06.25.**

## Item 20.2:

*To review and approve the Scheme and Syllabi for the II Semester for the students admitted in UG during the academic year 2025-26.*

The chairman of the board presented the detailed scheme and syllabi for the II Semester for the students admitted in UG during the academic year 2025-26.

**Changes Made:**

| Course Code | Course | Changes & Reason |
|---|---|---|
| 25CTU2CP | Programming in Data Structures and C++ | Mrs. Saranya proposed introducing the concept of version control and familiarize students with collaborative software development platforms. |

The members deliberated in detail and approved the syllabus.

After discussion the following resolution was passed.

**Resolution:**

Resolved to approve the syllabus with the above modifications for the students admitted during the academic year 2025-26.

**Item 20.3:**

*To review and approve the Scheme and Syllabi for the IV Semester for the students admitted in UG during the academic year 2024-25.*

The chairman of the board presented the detailed scheme and syllabi for the IV Semester for the students admitted in UG during the academic year 2024-25.

After discussion the following resolution was passed.

**Resolution:**

Resolved to approve the Syllabi for the IV Semester for the students admitted in UG during the academic year 2024-25.

**Item 20.4:**

*To review and approve the Scheme and Syllabi for the VI Semester for the students admitted in UG during the academic year 2023-24.*

The chairman of the board presented the detailed scheme and syllabi for the VI Semester for the students admitted in UG during the academic year 2023-24.

After discussion the following resolution was passed.

**Resolution:**

Resolved to retain the existing syllabus of 2022-2025 batch without any modification for the students admitted during the academic year 2023-24.

## Item 20.5

*To review and approve the self study courses offered during III Semester for the students admitted during the academic year 2025-26.*

The board approved the self study courses offered in III semester for the students admitted during the academic year 2025-26.

**Self Study Courses Offered:**

| Course Code | Course |
|---|---|
| 24CTUSSA | Multimedia and Animation |
| 24CTUSSB | Social Networking |

After discussion, the following resolution was passed.

**Resolution:**

Resolved to approve the self study courses for the students admitted during the academic year 2025-26.

## Item 20.6

*To review and approve the syllabus for the IDC course offered for the students admitted during the academic year 2024-25.*

The board discussed the syllabus for the IDC course offered in IV semester for the students admitted during the academic year 2024-25.

**IDC Offered :**

| Course Code | Course | Department |
|---|---|---|
| 24CTU4IB | Cyber Security | B.Com (PA) |

After discussion, the following resolution was passed.

## Resolution:

Resolved to approve the syllabus for the IDC course for the students admitted during the academic year 2024-25.

## Item 20.7:

*To review and approve the Extra Credit Components for the students*

The board reviewed and discussed the components considered for Extra Credit during Semesters I to V.

## Resolution:

Resolved to approve the existing components considered for Extra Credit without any modifications.

## Item 20.8:

*To approve the panel of examiners*

The Chairman presented the panel of examiners for question paper setting, question paper scrutiny, conduct and evaluation of practical and theory examinations and the same shall be submitted to CoE for the even semester during the academic year 2025-26.

## Resolution:

Resolved to approve the panel of examiners for the even semester of the academic year 2025-26

## Item 20.9:

*To consider and approve any other item brought forward by the Chairman and the members of the board.*

Distribution of learning levels in question paper setting was discussed

Finally, the Chairman thanked all the members for their cooperation and contribution in enriching the syllabus with active participation in the meeting and sought the same spirit in the future also. The meeting was closed with a formal vote of thanks proposed by Dr. M. Rathi, Chairman - Department of Computer Technology.

Date: 11.11.2025

(Dr. M. Rathi)
BoS Chairman/HoD
Department of Computer Technology
Dr. N. G. P. Arts and Science College
Coimbatore – 641 048

# Syllabus Revision

Faculty: Computer Science                          Board    : Computer Technology
Programme: B.Sc.                                   Semester: II
Course Code/ Name: 25CTU2CP - Programming in Data Structures and C++

| Ex. No | Existing | Changes |
|---|---|---|
| 1. | a. Program to demonstrate static member variables and member functions. <br> b. Program to implement friend function. | |
| 2. | Program to demonstrate overloading member functions and constructors. | |
| 3. | Program to demonstrate operator overloading. | |
| 4. | a. Program to demonstrate all types of inheritance <br> b. Program to implement virtual function | |
| 5. | Program to implement class templates. | |
| 6. | ~~Program to implement exception handling~~ | a. Program to handle built-in exceptions. <br> b. Create a new version of the above program that includes a user-defined exception. Demonstrate version control using these two versions of the program using Git. |
| 7. | Program to convert infix expression to postfix expression. | |
| 8. | Program to implement queue operations | |
| 9. | Program to implement any one linked list data structure. | |
| 10. | Program that implements sorting algorithms. | |
| 11. | a. Program to implement searching techniques. <br> b. Program to implement graph traversal. | |
| 12. | Program to solve the single source shortest path problem using Dijkstra's algorithm | |

## PERCENTAGE OF SYLLABUS REVISED: 13 %

## COURSE FOCUSES ON:

| | | | |
|---|---|---|---|
| ✓ | Skill Development | ☐ | Entrepreneurial Development |
| ✓ | Employability | ☐ | Innovations |
| ☐ | Intellectual Property Rights | ☐ | Gender Sensitization |
| ☐ | Social Awareness/ Environment | ☐ | Constitutional Rights/ Human Values/ Ethics |

# Syllabus Revision

Faculty: Computer Science
Programme: B.Sc.
Course Code/ Name: 24CAU4CM Python Programming

Board    : Computer Technology
Semester: IV

| S.No. | Existing | Changes |
|-------|----------|---------|
| 1 | **Unit I : Practical**<br>Programs to demonstrate Operators.<br>Programs to evaluate Expressions.<br>Programs to illustrate Decision Making.<br>Programs using Repetitive Statements. | **Unit I : Practical**<br>Programs to demonstrate Operator functionality and Expression evaluation.<br>Programs to illustrate type conversion. |
| 2 | **Unit II : Practical**<br>Programs to illustrate User defined functions.<br>Programs to demonstrate Lambda function.<br>Programs to demonstrate Recursive functions. | |
| 3 | **Unit III : Practical**<br>Programs to demonstrate String Operations.<br>Programs to implement Lists.<br>Programs to implement Tuples.<br>Programs to implement Sets. | |
| 4 | **Unit IV : Practical**<br>Programs for basic operations on Ndarrays.<br>Programs to implement Structured Arrays. | |
| 5 | **Unit V : Practical**<br>Programs for Sorting and Ranking.<br>Programs to read CSV files.<br>Programs to read and write HTML Files.<br>~~Design the GUI application for the registration form.~~<br>Design menu driven interface using Tkinter library. | **Unit V: Practical**<br>Program to implement Emotion Analyzer |

**PERCENTAGE OF SYLLABUS REVISED: 10 %**

**COURSE FOCUSES ON:**

| | | | |
|---|---|---|---|
| ✓ | Skill Development | ✓ | Entrepreneurial Development |
| ✓ | Employability | ✓ | Innovations |
| | Intellectual Property Rights | | Gender Sensitization |
| | Social Awareness/ Environment | | Constitutional Rights/ Human Values/ Ethics |

## ATTENDANCE OF THE TWENTIETH BOARD OF STUDIES MEETING

**Faculty: Computer Science**

**Date : 11/11/2025**

**Board : Computer Technology**

**Time : 10am**

### The following members were present for the board of studies meeting

| S.NO. | NAME | CATEGORY | ATTENDANCE |
|---|---|---|---|
| 1. | Dr. M. Rathi, Professor and Head | Chairman | Present |
| 2. | Dr. G. Sumalatha, Assistant Professor, Department of Computer Technology and Data Science, Sri Krishna Arts and Science College, Coimbatore. | VC Nominee | Present |
| 3. | Dr. S. Chandia, Assistant Professor, M.Sc Decision and Computing Sciences Coimbatore Institute of Technology, Coimbatore. | Subject Expert | Present |
| 4. | Dr. P.Vijayakumar, Assistant Professor, Department of Computer Applications, Kongu Engineering College, Erode. | Subject Expert | Present |
| 5. | Mrs. Saranya Ramakrishnan, Staff Programme Manager, Kovai.Co, Coimbatore | Industry Expert | Present |
| 6. | Mr. Siddhartha VJ, Senior Test Analyst, Cognizant Technology Solutions, Coimbatore. | Alumni | Present |
| 7. | Dr. N. Kuppuchamy Associate Professor and Head, Department of Tamil | Co-opted Member | Present |
| 8. | Dr.A.Hazel Verbina, Professor and HoD Department of English | Co-opted Member | Present |
| 9. | Dr. R. Sowrirajan, Assistant Professor and Head Department of Mathematics | Co-opted Member | Present |

| | | | |
|---|---|---|---|
| 10. | Dr. M. Kalimuthu,<br>Professor and Head,<br>Department of Commerce PA | Co-opted Member | Present |
| 11. | Dr. C. Balakrishnan,<br>Associate Professor and Head<br>Department of Commerce B&I | Co-opted Member | Present |
| 12. | Ms. R. Nandhana,III CT B | Student Representative | Present |
| 13. | Dr.B.Leelavathi,<br>Associate Professor | Member | Present |
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| 15. | Mrs. P. Vanitha,<br>Assistant Professor | Member | Present |
| 16. | Dr. C. Mohanapriya,<br>Assistant Professor | Member | Present |
| 17. | Mrs. K. Vanitha,<br>Assistant Professor | Member | Present |
| 18. | Dr. V. Manimekalai,<br>Assistant Professor (SG) | Member | Present |
| 19. | Dr. D. Geethamani,<br>Assistant Professor | Member | Present |
| 20. | Mr. R. Vijay Anand,<br>Assistant Professor | Member | Present |
| 21. | Mrs. I. Ajitha,<br>Assistant Professor | Member | Present |
| 22. | Ms. S. Leena Sylviya,<br>Assistant Professor | Member | Present |

Date: 11.11.2025

(Dr. M. Rathi)

BoS Chairman/HoD
Department of Computer Technology
Dr. N. G. P. Arts and Science College
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