## Board of Studies Meeting

## Department of Computer Science with Cognitive Systems

The minutes of the 13th Board of Studies meeting was held on 28.10.2026 at 10 am.

**Members Present:**

| S. No. | Name | Category |
|---|---|---|
| 1. | Dr. A. Nirmala, Professor and Head | Chairman |
| 2. | Dr. P. Prabhusundhar, Assistant Professor<br>Department of Computer Science<br>Gobi Arts and Science College, Gobichettipalayam | University Nominee |
| 3. | Dr. K. Ranjith Singh Associate Professor & Head,<br>Department of Computer Technology,<br>Karpagam Academy of Higher Education, Coimbatore | Subject Expert |
| 4. | Dr. A. Saravanan<br>Associate Professor, Department of Computing<br>Coimbatore Institute of Technology, Coimbatore | Subject Expert |
| 5. | Mr. Ravikumar Murthy<br>Region Head - Academic Alliances<br>Human Resources<br>TATA Consultancy Services, Chennai | Industry Expert |
| 6. | Ms. P. Keshika, Package App Development Associate<br>Accenture, Coimbatore | Alumni |
| 7. | Dr. N. Kuppuchamy, Associate Professor and Head,<br>Department of Tamil | Co-opted Member |
| 8. | Dr. A. Hazel Verbina, Professor and Head,<br>Department of English | Co-opted Member |
| 9. | Dr. S. Gokilamani, Associate Professor and Head,<br>Department of Mathematics | Co-opted Member |
| 10. | Dr. S. Namashivayam, Professor & Head<br>Department of Commerce-BPS | Co-opted Member |
| 11. | Dr. R. Senthil Kumar, Professor | Member |
| 12. | Dr. B. Senthil Kumar, Assistant Professor | Member |
| 13. | Dr. P. Esther Jebarani, Assistant Professor | Member |
| 14. | Ms.P.Bhavya, Assistant Professor | Member |
| 15. | Ms.S.Dhanshree, II B.Sc. CSCs | Student Representative |

The HoD and Chairman of the Department of Computer Science with Cognitive Systems welcomed and introduced all the members and requested for continuous support, contribution for the development of academic standard and enrichment of the syllabus.

Further, Chairman informed the inability of the following members to attend the meeting and requested to grant leave of absence.

1. Mr. Ravikumar Murthy- Industry Expert

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

**Item 13 .1:** *To review and approve the minutes of the previous meeting held on **02.04.2026**.*

The chairman of the board presented the minutes of the previous meeting held on ***02.04.2026*** *and* requested the members to approve. After brief discussion the following resolution was passed.

**Resolution:**

**Resolved to approve the minutes of the previous meeting held on 02.04.2026.**

**Item 13.2:** *To consider and approve the scheme and syllabi for II semester for the students admitted during the academic year 2026-27*

The chairman of the board presented the detailed scheme and syllabi for the II semester for the students admitted during the academic year 2026-27.

After discussion, the following resolution was passed.

**Resolution:**

**Resolved to approve the syllabi for II semester for the students admitted during the academic year 2026-27**

**Item 13.3:** *To consider and approve syllabi for IV semester for the students admitted during the academic year 2025-26.*

The Chairman presented the detailed syllabi for the IV semester for the students admitted during the academic year 2025-26.

**Changes Made:**

| Course Code | Course | Reason |
|---|---|---|
| 25CGU4CP | Virtualization Tools | Dr.P. Prabhusundhar recommended to include programs on cloud storage management to provide practical knowledge of creating, storing, accessing, and managing data using Amazon S3 and EC2. |

| | | |
|---|---|---|
| 25CGU4CB | Process Management | Dr.A.Saravanan recommended to include case studies on AI-assisted Agile and Scrum practices. |

After discussion, the following resolution was passed with the above changes and modifications.

**Resolution:**

**Resolved to approve the above modification and adopt the revised syllabus for the students admitted during the academic year 2025-26.**

**Item 13.4:** *To consider and approve the syllabi for VI semester for the students admitted during the academic year 2024-25.*

The Chairman presented the detailed syllabi for the VI semester for the students admitted during the academic year 2024-25.

After discussion the following resolution was passed.

**Resolution:**

**Resolved to retain the existing syllabus of 2023-2024 batch without any modifications for the students admitted during the academic year 2024-25.**

**Item 13.5:** *To review and approve the Student Skill Development Courses (SSDC) / NPTEL courses that are equivalent to course curriculum / Domain-Specific Skill Courses*

The board discussed and approved the following Student Skill Development Courses

**NPTEL/Swayam**

1. Introduction to Machine Learning
2. Introduction to IoT
3. Cyber Security and Privacy
4. Software Testing
5. Human-Computer Interaction
6. Data Science
7. Fundamentals of Object-Oriented Programming

After discussion the following resolution was passed.

**Resolution:**

**Resolved to approve the Student Skill Development Courses / NPTEL courses that are equivalent to course curriculum / Domain-Specific Skill Courses.**

**Item 13.6:** *To approve the panel of examiners for question paper setting and evaluation of answer scripts for the even semester of the academic year 2026-27.*

The Chairman presented the panel of examiners for question paper setting, question paper scrutiny, conduct of practical and theory examination and evaluation, the same shall be submitted to CoE for the even semester of the academic year 2026-27.

**Resolution:**

**Resolved to approve the panel of examiners for Question paper setting, Question paper Scrutiny, conduct of practical and theory examinations and evaluation for the even semester of the academic year 2026-27.**

**Item 13.7:** *To consider and approve any other item brought forward by the Chairman and the members of the board.*

The board discussed and approved the courses offered by NPTEL that are equivalent to the courses offered in the curriculum in the V and VI semesters.

| NPTEL Courses | Equivalent Courses | Semester |
|---|---|---|
| Introduction to Machine Learning | Machine Learning Principles | V |
| Introduction to Internet of Things | Design and Architecture of IoT | VI |
| Human Computer Interaction | Human Computer Interaction | VI |

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 formal vote of thanks proposed by **Dr. R. Senthil Kumar**, Professor/Member, BoS, Computer Science with Cognitive Systems.

**Date: 28.10.2026**

**(Dr. A. Nirmala)**
BoS Chairman / HoD
Dept. of Computer Science with Cognitive Systems
Dr. N. G. P. Arts and Science College
Coimbatore - 641 048

## Syllabus Revision

**Faculty: Computer Science** **Board: Cognitive Systems**
**Programme: UG** **Semester: IV**
**Course Code/ Name: 25CGU4SP** **SEC PRACTICAL- II: Virtualization Tools**

| Unit | Existing | Changes |
|---|---|---|
| 1 | Installing and Using Workstation Player. | |
| 2 | Changing Workstation Player Preference Settings. | |
| 3 | Creating Virtual Machines in Workstation Player | |
| 4 | Installing and Upgrading VMware Tools. | |
| 5 | Starting and Stopping Virtual Machines in Workstation Player. | |
| 6 | Changing the Virtual Machine Display. | |
| 7 | Configuring and Managing Virtual Machines. | |
| 8 | Configuring and Managing Devices. | |
| 9 | Configuring Network Connection. | |
| 10 | Configuring Virtual Machine Option Setting. | |
| 11 | Configuring Virtual Machine Hardware Settings | |
| 12 | | Create and Manage Cloud Storage using Amazon S3, EC2 |

**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 |

## Syllabus Revision

**Faculty: Computer Science**
**Programme: UG**
**Course Code/ Name: 25CGU4CB**

**Board: Cognitive Systems**
**Semester: IV**
**Core: Process Management**

| Unit | Existing | Changes |
|---|---|---|
| 1 | The Nature of Software - The Unique nature of WebApps - Software Engineering-Software Process -Software engineering practice - Software myths - Software Process Model - A Generic Process Model - Process Assessment and Improvement. | |
| 2 | Agile - understanding Agile Value - Agile Manifesto - Principles of Agile -Agile Methodologies - Advantages and Disadvantages of Agile - Agile anti - Patterns-Scaled Agile Framework - UX - foundations of lean UX - Principles of lean UX. | Case Study: Mobile Application Development |
| 3 | Definition of Scrum - Uses of Scrum - Scrum Theory - Scrum Values - The Scrum Team - Scrum Events - Scrum Artifacts - Artifact Transparency. | Case Study: Web Application Development |
| 4 | Introduction to DevOps-methodologies, principles-strategies-Automation, Performance Measurement through KPIS and Metrics - Agile and DevOps-Agile Infrastructure-Velocity-Lean Startup UPS. | Future of DevOps: AIOps, MLOps, GitOps and NoOps |
| 5 | Introduction to Design Thinking - Lean Thinking - Actionable strategy - The Problem with complexity - Vision and Strategy - Defining Actionable Strategy Act to Learn - Leading Teams to Win. | DevOps and Continuous Delivery and Continuous Deployment. |

**PERCENTAGE OF SYLLABUS REVISED: 11%**

**COURSE FOCUSES ON:**

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

# Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)
(Approved by Government of Tamil Nadu & Accredited by NAAC with A++ Grade (3rd Cycle - 3.64 CGPA)
Dr. N.G.P. - KalapattiRoad, Coimbatore – 641 048, Tamil Nadu, India
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## ATTENDANCE OF THE THIRTEENTH BOARD OF STUDIES MEETING

**Faculty: Computer Science**
**Board: Computer Science with Cognitive Systems**
**Date:** 28.10.2026 **Time:** 10.00 a.m.
Google Meet: meet.google.com/nbx-vguk-kuz
The following members were present for the meeting

| S. No | Name | Designation | Attendance Status |
|---|---|---|---|
| 1. | **Dr. A. Nirmala**<br>Professor & Head<br>Department of Computer Science with Cognitive Systems<br>Dr. N.G.P Arts and Science College<br>Coimbatore - 48. | Chairman | Present |
| 2. | **Dr. P. Prabhusundhar**<br>Assistant Professor<br>Department of Computer Science<br>Gobi Arts and Science College, Gobi | VC Nominee | Present |
| 3. | **Dr. K. Ranjith Singh**<br>Associate Professor & Head<br>Department of Computer Technology,<br>Karpagam Academy of Higher Education, Coimbatore | Subject Expert | Present |
| 4. | **Dr. A. Saravanan**<br>Associate Professor<br>Department of Computing<br>Coimbatore Institute of Technology<br>Coimbatore | Subject Expert | Present |
| 5. | **Mr. Ravi Kumar**<br>Regional Head, Academic Alliances Group (AAG)<br>TATA Consultancy Services<br>Chennai | Industry Expert | Absent |
| 6. | **Ms. P. Keshika**<br>Packaged App Development Analyst<br>Accenture<br>Coimbatore-641 014 | Alumni | Present |
| 7. | **Dr. N. Kuppuchamy**<br>Associate Professor & Head<br>Department of Tamil<br>Dr. N.G.P. Arts and Science College<br>Coimbatore | Co-opted Member | Present |

| | | | |
|---|---|---|---|
| 8. | **Dr. A. Hazel Verbina**<br>Professor & Head<br>Department of English<br>Dr. N.G.P. Arts and Science College<br>Coimbatore | Co-opted Member | Present |
| 9. | **Dr.S.Gokilamani**<br>Associate Professor & Head<br>Department of Mathematics<br>Dr. N.G.P. Arts and Science College<br>Coimbatore | Co-opted Member | Present |
| 10. | **Dr. S. Namasivayam**<br>Professor & Head<br>Department of Commerce-BPS<br>Dr. N.G.P. Arts and Science College<br>Coimbatore | Co-opted Member | Present |
| 11. | **Dr. R. Senthil Kumar**<br>Professor<br>Department of Computer Science with Cognitive Systems<br>Dr. N.G.P. Arts and Science College<br>Coimbatore | Internal Member | Present |
| 12. | **Dr. B. Senthil Kumar**<br>Associate Professor<br>Department of Computer Science with Cognitive Systems<br>Dr. N.G.P. Arts and Science College<br>Coimbatore | Internal Member | Present |
| 13. | **Dr. P. Esther Jebarani**<br>Associate Professor<br>Department of Computer Science with Cognitive Systems<br>Dr. N.G.P. Arts and Science College<br>Coimbatore | Internal Member | Present |
| 14. | **Ms. P. Bhavya**<br>Assistant Professor<br>Department of Computer Science with Cognitive Systems<br>Dr. N.G.P. Arts and Science College<br>Coimbatore | Internal Member | Present |
| 15. | **Ms. S. Dhanshree**<br>II B.Sc. CSCs<br>Department of Computer Science with Cognitive Systems<br>Dr. N.G.P. Arts and Science College<br>Coimbatore | Student Representative | Present |

**Date:** 28.10.2026

28/10/26

**(Dr A. Nirmala)**
**Head of the Department**

Dr. A. NIRMALA
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