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

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)
Approved by Government of Tamil Nadu and Accredited by NAAC A++ Grade (3rd Cycle- 3.64 CGPA)
Dr. N.G.P.-Kalapatti Road, Coimbatore-641048, Tamil Nadu, India
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BoS

10th

Board of Studies Meeting

Department of Computer Science with Cognitive Systems

Date: 28.06.2025, 09.30 am at Center for IoT (C1-Block-101)

Members Present:

S. No.	Name	Category
1.	Dr. A. Nirmala, Professor and Head	Chairman
2.	Dr. P. Prabhusundhar, Assistant Professor Department of Computer Science Gobi Arts and Science College, Gobi	University Nominee
3.	Dr. K. Ranjith Singh Associate Professor & Head, Department of Computer Technology, Karpagam Academy of Higher Education, Coimbatore	Subject Expert
4.	Dr. A. Saravanan Associate Professor, Department of Computing Coimbatore Institute of Technology, Coimbatore	Subject Expert
5.	Mr. Ravikumar Reginal Head, Academic Alliances Group (AAG) TATA Consultancy Services Chennai	Industry Expert
6.	Ms. P. Keshika, Package App Development Associate Accenture, Coimbatore	Alumni
7.	Dr. N. Kuppuchamy, Associate Professor and Head, Department of Tamil	Co-opted Member
8.	Dr. A. Hazel Verbina, Professor and Head i/c, Department of English	Co-opted Member
9.	Dr. R. Sowrirajan, Assistant Professor and Head, Department of Mathematics	Co-opted Member
10.	Dr. S. Namashivayam, Professor & Head 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.	Mrs. S. Vishnu Priya, Assistant Professor	Member
15.	Dr. M. Sowndharya, Assistant Professor	Member
16.	Mr.N.Aswin,III 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. Dr. Ranjith Singh -Subject Expert
2. Mr. Ravikumar – Industry Expert

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

Item 10 .1: *To review and approve the minutes of the previous meeting held on* **9.11.2024.**

The chairman of the Board presented the minutes of the previous meeting held on **09.11.2024** 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 09.11.2024.

Item 10.2: *To consider and approve the scheme and syllabi for I semester for the students admitted during the academic year 2025-26*

The chairman of the board presented the detailed scheme and syllabus for the I semester for the students admitted during the academic year 2025-26.

After discussion the following resolution was passed.

Resolution:

Resolved to retain the existing syllabus of 2024-2027 batch without any modification for the students admitted during the academic year 2025-26.

Item 10.3: *To consider and approve syllabi for III semester for the students admitted during the academic year 2024-25.*

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

The following are the self-study courses offered in III semester for the students of 2024 batch.

Course Code	Course
24CGUSSA	Software Project Management
24CGUSSB	Data Center Management

After discussion the following resolution was passed.

Resolution:

Resolved to retain the existing syllabus of 2023-2026 batch without any modifications for the students admitted during the academic year 2024-25.

Item 10.4: *To consider and approve the syllabi for V semester for the students admitted during the academic year 2023-24.*

The Chairman presented the detailed syllabus for the V semester for the students admitted during the academic year 2023-24.

The details of changes made also presented as follows:

Changes Made:

Course Code	Course	Reason
234IT1A5CB	Cyber Security and Ethics	Dr. Prabhusundhar suggested to include Indian approaches to logic and reasoning in unit V to enrich the syllabus with Indian Knowledge System

GE Offered:

Course Code	Course	Department
234CG1A5GA	Smart living with IoT	All III UG Students other than Computer Science

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 from the academic year 2023-24.

Item 10.5: To consider and approve the Student Skill Development Course offered by NPTEL, Swayam Plus and Spoken Tutorials during the academic year 2025-26

The board discussed the following courses offered by NPTEL, Swayam Plus and Spoken Tutorials as the Student Skill Development Course.

1. Introduction to machine learning
2. Internet of Things
3. Software Engineering
4. Data Science
5. Full Stack Java
6. C++ Programming

Resolution

Resolved to approve the above Student Skill Development Courses during the academic year 2025-26.

Item 10.6: *To approve the panel of examiners for question paper setting and evaluation of answer scripts for the odd semester of the academic year 2025-26.*

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

Resolution:

Resolved to approve the panel of examiners for Question paper setting, Question paper Scrutiny and conduct of practical and theory examinations for the odd semester of the academic year 2025-2026.

Item 10.7: *To consider and approve any other item brought forward by the Chairman and the members of the board.*

No other item has been brought forward for discussion.

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. A. Nirmala**, Head and Chairman, BoS, Computer Science with Cognitive Systems.

Date: 28.06.2025

(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
Programme: UG
Course Code/ Name: 234IT1A5CB

Board: Cognitive Systems
Semester: V
Core: Cyber Security and Ethics

Unit	Existing	Changes
1	Cyber Security and Cybercrime Definition and Origins of Cybercrime of the World - Cybercrime and Information Security- Classifications of Cybercrime with Cyber Security, Cybercrime and the Indian IT Act,2000. Global Perspective on Cybercrimes. Cyber Offences & Cybercrime: Cyber Offences - Introduction to Cybercrime - Cyber Security Strategic Attacks	
2	Computer Crime hacking and Security-Computer as Commodities - Theft of Intellectual Property. Identity Theft and Identity Fraud: Typologies of Internet Theft/ Fraud- Prevalence and Victimology- Physical Methods of Identity Theft- Virtual or Internet Facilitated Methods- Crimes Facilitated by Identity Theft/Fraud	
3	Attacks that Inflict Damage- Impersonation-Data Theft-Malware-Web Service Attacks- Malvertising-Advanced Attacks-Identifying Security Breach: Identifying-Detecting Convert Breaches. Recovering from a security Breach: Reinstall Damage Software-Stolen Information. Resetting your Device	
4	Aspects in Cyber Law - Security Aspects of Cyber Law-Intellectual Property Aspects in Cyber law and Evidence-Criminal Aspects in Cyber Law-Global Trends in Cyber Law. Legal framework for Electronic Data Interchange Law. Cybercrime and Cyber Security: Cyberspace-Cyber law - Cyber Security Policy. Case Study : Cyber Security Threats in Payment Gateway	
5	Ethics: Human values and Professional Ethics- Ethics in the Business World- Corporate Social Responsibility- ~~Fostering Corporate Social Responsibility and Good Business Ethics- Improving Business Ethics~~- Ethical Considerations in Decision Making- Ethics in Information Technology. Professional Codes of Ethics- Professional Organizations- ~~Certifications and Licensing~~- Encouraging Ethical Use of IT Resources among Users	Indian Knowledge System: Introduction, Vedic Corpus, Indian Scheme of Knowledge. Knowledge: Triangle, Framework, Deductive and inductive logic framework.

PERCENTAGE OF SYLLABUS REVISED: 16%

COURSE FOCUSES ON:

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

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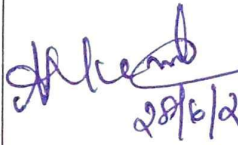## ATTENDANCE OF THE TENTH BOARD OF STUDIES MEETING
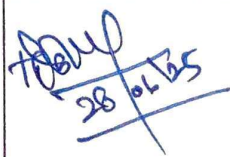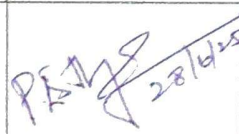
Faculty: Computer Science   **Board: Computer Science with Cognitive Systems**
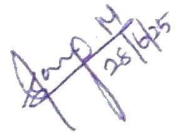
Date: 28.06.2025
Time: 11.00 a.m.   **Venue: IoT Lab**
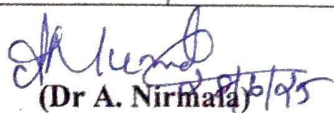
The following members were present for the meeting

S. No	Name	Designation	Signature
1.	**Dr. A. Nirmala** Professor & Head Department of Computer Science with Cognitive Systems Dr. N.G.P Arts and Science College Coimbatore - 48.	Chairman	28/6/25
2.	**Dr. P. Prabhusundhar** Assistant Professor Department of Computer Science Gobi Arts and Science College, Gobi	VC Nominee	
3.	**Dr. K. Ranjith Singh** Associate Professor & Head Department of Computer Technology, Karpagam Academy of Higher Education, Coimbatore	Subject Expert	ABSENT
4.	**Dr. A. Saravanan** Associate Professor Department of Computing Coimbatore Institute of Technology Coimbatore	Subject Expert	
5.	**Mr. Ravikumar** Reginal Head, Academic Alliances Group (AAG) TATA Consultancy Services Chennai	Industry Expert	ABSENT
6.	**Ms. P. Keshika** Package App Development Associate Accenture Coimbatore-641 014	Alumni	
7.	**Dr. N. Kuppuchamy** Associate Professor & Head Department of Tamil Dr. N.G.P. Arts and Science College Coimbatore	Co-opted Member	28/06/25

8.	**Dr. A. Hazel Verbina** Professor & Head Department of English Dr. N.G.P. Arts and Science College Coimbatore	Co-opted Member	
9.	**Dr. R. Sowrirajan** Assistant Professor & Head Department of Mathematics Dr. N.G.P. Arts and Science College Coimbatore	Co-opted Member	
10.	**Dr. S. Namasivayam** Professor & Head Department of Commerce-BPS Dr. N.G.P. Arts and Science College Coimbatore	Co-opted Member	
11.	**Dr. R. Senthil Kumar** Professor Department of Computer Science with Cognitive Systems Dr. N.G.P. Arts and Science College Coimbatore	Internal Member	
12.	**Dr. B. Senthil Kumar** Assistant Professor Department of Computer Science with Cognitive Systems Dr. N.G.P. Arts and Science College Coimbatore	Internal Member	
13.	**Dr. P. Esther Jebarani** Assistant Professor Department of Computer Science with Cognitive Systems Dr. N.G.P. Arts and Science College Coimbatore	Internal Member	
14.	**Mrs. S. Vishnu Priya** Assistant Professor Department of Computer Science with Cognitive Systems Dr. N.G.P. Arts and Science College Coimbatore	Internal Member	
15.	**Dr. M. Sowndharya** Assistant Professor Department of Computer Science with Cognitive Systems Dr. N.G.P. Arts and Science College Coimbatore	Internal Member	
16.	**Mr. N. Aswin** III B.Sc. CSCs Department of Computer Science with Cognitive Systems Dr. N.G.P. Arts and Science College Coimbatore	Student Representative	Aswin N

Date: 28/06/2025

(Dr A. Nirmala)
Head of the Department