Department of Computer Applications

Board of Studies Meeting

The minutes of the 22nd meeting of Board of Studies held on 28.10.2026 at 10.00 a.m.

BoS Members:

S.No.	Name	Category
1	Dr.PooranaSenthilkumar S	Chairman
2	Dr. E. Karthikeyan Associate Professor and Head Department of Computer Science Government Arts College Udumalpet	VC Nominee
3	Dr.N.Valliammal Associate Professor Department of Computer Science Avinashilingam Institute for Home Science and Higher Education for Women Coimbatore	Subject Expert
4	Dr. I. Kala Associate Professor Department of Computer Science and Engineering PSG Institute of Technology and Applied Research, Coimbatore	Subject Expert
5	Mr.S. Gobinath Technical lead Infosys Coimbatore	Industrial Expert
6	Mr.ArunkumarMathimaran Senior system Engineer Sutherland Global Service Coimbatore	Alumni Expert
7	Dr.C.Kumuthini	Member
8	Dr.P.S.Vijayalakshmi	Member
9	Dr.K.Kavitha	Member
10	Mrs.K.Gomathy	Member
11	Mr.P.Dinesh Kumar	Member
12	Mr.C.Ramachandran	Member
13	Ms. A. Vinitha	Member

14	Mr. R.Albert Paulin Michael	Member
15	Ms.M. Kowsika	Member
16	K. Aadhi Lakshmi – II BCA A	Student Representative
17	T.T. Barath Balaji – II BCA A	Student Representative

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

Further Chairman informed the inability of the below member to attend the meeting and requested to grant leave of absence.

1. Dr.N.Valliammal – Subject Expert

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

Item 22.1: To *review and approve the minutes of the previous meeting held on 01.04.2026.*

The chairman of the board presented the minutes of the previous meeting held on **01.04.2026** and requested the members to approve.

After brief discussion the following resolution was passed.

Resolution:

Resolvedto approve the minutes of the previous meeting held on 01.04.2026.

Item 22.2: *To consider and approve the scheme and syllabi for the II Semester for students admitted during the academic year 2026-27.*

The chairman presented the detailed schemeand syllabiof II semester for the students admitted during the academic year 2026-27.The members deliberated in detail about the scheme and syllabus of each course, and unanimously decided to adopt same.

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 22.3: *To consider and approve the syllabi of IV Semester for the students admitted during the academic year 2025-26.*

The Chairman presented the detailed syllabiofIV semester for the students admitted during the academic year 2025-26.The members deliberated in detail about the scheme and syllabus of each course. The details of changes made are presented as follows:

Changes Made:

Course Code	Course	Change & Reason
25CAU4CA	CYBER SECURITY	Dr. E. Karthikeyan advised incorporating case studies on AI driven cyber attacks in Unit III to enhance understanding of emerging cyber threats and defense strategies.

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

Resolution:

Resolved to approve the regulation, scheme and syllabi of IV Semester for the students admitted during the academic year 2025-26.

Item 22.4: *To consider and approve the syllabi of VI semester for the students admitted during the academic year 2024-25.*

The Chairman presented the detailed syllabi ofVI semester for the students admitted during the academic year 2024-25. The members deliberated in detail about the scheme and syllabus of each course, and unanimously decided to adopt same.

After discussion the following resolution was passed.

Resolution:

Resolved to approve the *syllabi of VI semester for the students admitted during the academic year 2024-25.*

Item 22.5:*To consider and approve the syllabus for the IDC course offered to the department of commerce Accounting and Taxationin the IV semester for the students admitted in UG from the academic year 2025-26.*

The Chairman presented the detailed syllabi of IDC course offered in the IV semester for the students admitted during the academic year 2025-26.

After discussion the following resolution was passed.

Resolution:

Resolved to approve the *syllabus for the IDC course offered to the department of commerce Accounting and Taxation in the IV semester for the students admitted in UG from the academic year 2025-26.*

Item 22.6: *To consider and approve the Student Skill Development Courses (SSDC) / NPTEL courses that are equivalent to courses Curriculum / Domain Specific Skill Courses.*

The board discussed and approved the following NPTEL / Swayam courses:

- C Programming
- Python Programming
- Java Programming
- Internet of Things
- Database Management system
- Artificial Intelligence
- Cloud Computing

After discussion the following resolution was passed.

Resolution:

Resolved to approve the Student Skill Development Courses (SSDC) / NPTEL courses that are equivalent to courses Curriculum/ Domain Specific Skill Courses.

Item 22.7: *To approve the panel of examiners for setting question papers and evaluating 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 and evaluation of practical and theory examinations, and the same shall be submitted to the CoE for the even semester of the academic year 2026-27.

After discussion the following resolution was passed.

Resolution:

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

Item 22.8: *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
Cloud Computing	Cloud Technologies	VI
Introduction to Internet of Things	Internet of Things and Applications	V

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 closed with formal vote of thanks by Professor Dr. C. Kumuthini, Professor, BoS Member, Computer Applications.

BoS Chairman/HoD
Department of Computer Applications
Dr. N. G. P. Arts and Science College
Coimbatore – 641 048

D ate : 28.10.2026

Dr.S.Poorana Senthilkumar
Chairman

Syllabus Revision

Faculty: Computer Science **Board: Computer Applications**

Course Code / Name: 25CAU4CA - Cyber Security **Semester: IV**

S.No.	Existing	Changes
1	**Unit I : Indian Knowledge System and Cyber Security** Indian Knowledge System: Introduction, Vedic Corpus, Indian Scheme of Knowledge, Knowledge: Triangle, Framework, Deductive and inductive logic framework.Information Security: Principles, Supporting principles, Policies – Cyber Security: Overview, Difference between Information Security and Cyber Security, Common Threats, Importance, Strategy components.	
2	**Unit II :Cyber Crime** Introduction: Cyberspace, Cybersquatting, Cyberpunk, Cyberwarfare - Origin - Classification - Types of Cybercriminals - Global Perspective on Cyber Crimes.	Add Case study : AI driven cyber attacks
3	**Unit III : Cyber Attacks** Introduction - Strategic Attacks – Types of Attacks-Password Cracking - Malwares - DoS Attacks - SQL Injection and Buffer Overflow - Phishing and Identity Theft - Attacks on Wireless Networks.	

4	**Unit IV : Security Challenges** Proliferation of Mobile and Wireless Devices – Trends in Mobility Wireless Era – Security Challenges – Registry Settings – Authentication Service Security – Attack on Mobile Phones – Security Implications for Organizations – Organizational Measures for Handling Mobile Phones – Security Policies and measures for Laptops.	
5	**Unit V : Legal Perspectives** Cyber Law: Contract Aspects, Security Aspects, Intellectual Property Aspect - Information Technology Act 2000: Introduction - Objectives, Salient features, Scheme - Intermediary Liability - Penalties, Adjudication, Appeals - Offences - IT Act 2008 and its Amendments.	

Percentage of Revision: 5%

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)
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AY 2026-27

ATTENDANCE OF THE TWENTY SECOND BOARD OF STUDIES MEETING

Faculty: Computer Science **Board : Computer Applications**

Date : 28.10.2026

Time : 10.00 a.m. **Venue : Online Mode**

The following members were present for the meeting

S.No	Name	Designation	Attendance Status
1.	**Dr. S.PooranaSenthilkumar** Associate Professor and Head Department of Computer Applications Dr.N.G.P. Arts and Science College.	Chairman	PRESENT
2.	**Dr.E.Karthikeyan** Associate Professor and Head Department of Computer Science Government Arts College Udumalpet.	VC Nominee	PRESENT
3.	**Dr.N.Valliammal** Associate Professor Department of Computer Science Avinashilingam Institute for Home Science and Higher Education for Women Coimbatore.	Subject Expert	ABSENT
4.	**Dr. I. Kala** Associate Professor Department of Computer Science and Engineering PSG Institute of Technology and Applied Research	Subject Expert	PRESENT

	Coimbatore.		
5.	**S. Gobinath** Technical lead Infosys Coimbatore.	Industry Expert	PRESENT
6.	**Arunkumar Mathimaran** Senior system Engineer Sutherland Global Service Coimbatore.	Alumni Expert	PRESENT
7.	**Dr.C.Kumuthini** Professor Department of Computer Applications Dr.N.G.P. Arts and Science College	Internal Member	PRESENT
8.	**Mrs.K. Gomathy** Assistant Professor (SG) Department of Computer Applications Dr.N.G.P. Arts and Science College	Internal Member	PRESENT
9.	**MrP.Dinesh Kumar** Assistant Professor (SG) Department of Computer Applications Dr.N.G.P. Arts and Science College	Internal Member	PRESENT
10.	**Dr. K.Kavitha** Associate Professor Department of Computer Applications Dr.N.G.P. Arts and ScienceCollege	Internal Member	PRESENT
11.	**Dr. P.S.Vijayalakshmi** Associate Professor Department of Computer Applications Dr.N.G.P. Arts and Science College	Internal Member	PRESENT
12.	**Mr. C. Ramachandran** Assistant Professor Department of Computer Applications Dr.N.G.P. Arts and Science College.	Internal Member	PRESENT

13.	**Mrs. A. Vinitha** Assistant Professor Department of Computer Applications Dr.N.G.P. Arts and Science College.	Internal Member	PRESENT
14.	**Mr. R.Albert Paulin Michael** Assistant Professor Department of Computer Applications Dr.N.G.P. Arts and Science College.	Internal Member	PRESENT
15.	**Ms. M. Kowsika** Assistant Professor Department of Computer Applications Dr.N.G.P. Arts and Science College.	Internal Member	PRESENT
16.	**K. Aadhi Lakshmi** II BCA A Department of Computer Applications Dr.N.G.P. Arts and Science College.	Student Representative	PRESENT
17.	**T.T. Barath Balaji** II BCA A Department of Computer Applications Dr.N.G.P. Arts and Science College.	Student Representative	PRESENT

BoS Chairman/HoD
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Date: 28.10.2026

Dr.S.Poorana Senthilkumar
Chairman