

	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 (3 rd Cycle- 3.64 CGPA) Dr. N.G.P.-Kalapatti Road, Coimbatore-641048, Tamil Nadu, India Web: www.drngpasc.ac.in Email: info@drngpasc.ac.in Phone: +91-422-369100	BoS
		20th

Department of Computer Applications

Board of Studies Meeting

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

BoS Members:

S.No.	Name	Category
1	Dr.S.Poorana Senthilkumar	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.Arunkumar Mathimaran Senior system Engineer ATMECS Technology 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	Dr.B.Ramya	Member

13	Dr.V.Yuvaraj	Member
14	Mr.B.Thamaraikannan	Member
15	Mr.C.Ramachandran	Member
16	Dr.R.Sowrirajan	Co-opted Member
17	Dr. M. Kalimuthu	Co-opted Member
18	S.Prabhaa – III BCA A	Student Representative
19	S.Kamaraj – III BCA B	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 20.1: *To review and approve the minutes of the previous meeting held on 28-06-2025.*

The chairman of the board presented the minutes of the previous meeting held on **28-06-2025** 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 28-06-2025.

Item 20.2: *To consider and approve the scheme and syllabi of II semester for the students admitted during the academic year 2025-26.*

The chairman presented the detailed scheme and syllabi of the II semester for the students admitted during the academic year 2025-26. The members deliberated in detail about the scheme and syllabus of each course, and unanimously decided to adopt the same.

After discussion the following resolution was passed.

Resolution:

Resolved to retain the existing syllabus of 2024-2027 batch without any modification for students admitted during the academic year 2025-2026.

Item 20.3: *To consider and approve the syllabi of IV semester for the students admitted during the academic year 2024-25.*

The Chairman presented the detailed syllabi of IV semester for the students admitted during the academic year 2024-25. The details of changes made are presented as follows:

Changes Made:

Course Code	Course	Change & Reason
24CAU4CM	Python Programming	Dr. I. Kala suggested to incorporate Gen AI/LLM concepts in practical exercise in unit V. Dr. E. Karthikeyan suggested to offer Higher order thinking-based programs in unit I. Mr.S. Gobinath suggested to Change the Unit V title as “Pandas and files”.
24CAU4CA	Cyber Security	Dr. E. Karthikeyan suggested to include IKS concepts to create awareness on ancient cryptographic knowledge under unit I

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

Resolution:

Resolved to approve the above modifications and adopt the revised syllabus for the students admitted during the academic year 2024-25.

Item 20.4: *To consider and approve the syllabi of VI semester for the students admitted during the academic year 2023-24.*

The Chairman presented the detailed syllabi of VI semester for the students admitted during the academic year 2023-24. The members deliberated in detail about the scheme and syllabus of each course, and unanimously decided to adopt the same.

After discussion the following resolution was passed.

Resolution:

Resolved to retain the existing syllabus of 2022-2026 batch without any modification for students admitted during the academic year 2023-2024.

Item 20.5: *To consider and approve the self-study courses offered in III semester for the students admitted in UG from the academic year 2025-26 onwards.*

1. Self-Study Course Names Approved:

Course Code	Name of the Course
25CAUSSA	Intelligent Low-Code Application Development
25CAUSSB	Digital Marketing

The board discussed and approved the above self-study courses to be offered in III semester for the students admitted during the academic year 2025-26 onwards.

Resolution:

Resolved to approve the self-study course names to be offered in III semester for the students admitted during the academic year 2025-26 onwards.

Item 20.6: *To consider and approve the IDC and EDC courses offered in IV and II semesters for the students admitted in UG and PG from the academic year 2024-25 and 2025-26 onwards.*

IDC Offered

Course Code	Course	Department
24CAU41A	IDC IV: Enterprise Resource Planning	B.Com A&T
25CAP2EA	EDC: Computer Applications in Nutrition	M.Sc F&N

The board discussed and approved the above IDC and EDC courses to be offered in IV and II semester for the students admitted during the academic year 2024-25 and 2025-26 onwards.

Resolution:

Resolved to approve the IDC and EDC courses to be offered in IV and II semester for the students admitted in UG and PG from the academic year 2024-25 and 2025-26 onwards.

Item 20.7: *To approve the panel of examiners for setting question papers and evaluating answer scripts for the even semester of the academic year 2025–2026.*

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 submitted to the CoE.

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 2025-2026.

Item 20.8: *To consider and approve any other item brought forward by the Chairman and the members of the board.*

The board discussed the Extra credit components and distribution of learning levels in question paper.

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.

Date: 11.11.2025


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

Syllabus Revision

Faculty: Computer Science

Board: Computer Applications

Course Code / Name: 24CAU4CM Python Programming

Semester: IV

S.No.	Existing	Changes
1	Unit I : Fundamentals and Decision Making Practical 1.Programs to demonstrate Operators. 2.Programs to evaluate Expressions. 3.Programs to illustrate Decision Making. 4.Programs using Repetitive Statements.	Unit I : Fundamentals and Decision Making Combined exercises 1&2 and introduced type conversion as exercise 2 1.Programs to demonstrate Operator functionality and Expression evaluation. 2.Programs to illustrate type conversion.
2	Unit II : Functions and Modules Practical 1.Programs to illustrate User defined functions. 2.Programs to demonstrate Lambda function. 3.Programs to demonstrate Recursive functions.	
3	Unit III : Strings and Data Structures: Practical 1.Programs to demonstrate String Operations. 2.Programs to implement Lists. 3.Programs to implement Tuples. 4.Programs to implement Sets.	
4	Unit IV : NumPy Library Practical 1.Programs for basic operations on Ndarrays. 2.Programs to implement Structured Arrays.	
5	Unit V : Pandas Practical 1.Programs for Sorting and Ranking. 2.Programs to read CSV files.	Unit V : Pandas and Files Changed the title as Pandas and Files

<p>3. Programs to read and write HTML Files.</p> <p>4. Design the GUI application for the registration form.</p> <p>5. Design menu driven interface using Tkinter library.</p>	<p>Removed exercise 4, moved exercise 5 to exercise 4 and added the below program as exercise 5:</p> <p>5. Program to implement Emotion Analyzer</p>
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Percentage of Revision: 6%

COURSE FOCUSES ON:

<input checked="" type="checkbox"/> Skill Development	<input checked="" type="checkbox"/> Entrepreneurial Development
<input checked="" type="checkbox"/> Employability	<input checked="" type="checkbox"/> Innovations
<input type="checkbox"/> Intellectual Property Rights	<input type="checkbox"/> Gender Sensitization
<input type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics

Syllabus Revision

Faculty: Computer Science

Board: Computer Applications

Course Code / Name: 234CA1A4CA / Cyber Security Semester: IV

S.No.	Existing	Changes
1	Information Security: Principles, Supporting principles, Policies – Cyber Security: Overview, Difference between Information Security and Cyber Security, Common Threats, Importance, Strategy components.	Added IKS concepts: Indian Knowledge System: Introduction, Vedic Corpus, Indian Scheme of Knowledge, Knowledge: Triangle, Framework, Deductive and inductive logic framework.
2	Introduction: Cyberspace, Cybersquatting, Cyberpunk, Cyberwarfare - Origin -Classification - Types of Cybercriminals - Global Perspective on Cyber Crimes .	
3	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	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	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.	
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PERCENTAGE OF SYLLABUS REVISED: 16 %

COURSE FOCUSES ON:

<input checked="" type="checkbox"/>	Skill Development	<input type="checkbox"/>	Entrepreneurial Development
<input checked="" type="checkbox"/>	Employability	<input type="checkbox"/>	Innovations
<input type="checkbox"/>	Intellectual Property Rights	<input type="checkbox"/>	Gender Sensitization
<input checked="" type="checkbox"/>	Social Awareness/ Environment	<input checked="" type="checkbox"/>	Constitutional Rights/ Human Values/ Ethics

Date: 11.11.2025


Dr.S.Poorana Senthilkumar
(BoS Chairman)
 BoS Chairman/HoD
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Board of Studies Meeting

The attendance of 20th Board of Studies meeting held on 11.11.2025 at 10.00 a.m.

S.No.	Name & Address	Designation	Attendance Status
1	Dr.S.Poorana Senthilkumar	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, Coimbatore	Subject Expert	Present
5	Mr.S. Gobinath Technical lead Infosys Coimbatore	Industrial Expert	Present
6	Mr.Arunkumar Mathimaran Senior system Engineer ATMECS Technology Coimbatore	Alumni Expert	Present
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16	Dr.R.Sowrirajan	Co-opted Member	Present
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18	S.Prabhaa – III BCA A	Student Representative	Present
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Date: 11.11.2025


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