

	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
		21st

Department of Computer Applications

Board of Studies Meeting

The minutes of the 21th meeting of Board of Studies held on 01.04.2026 at 10.00a.m.

BoS Members:

S.No.	Name	Category
1	Dr. Poorana Senthilkumar 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. 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	KM Harish – II BCA A	Student Representative
19	N S R Nishanthini – 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 members to attend the meeting and requested to grant leave of absence.

1. Dr. N. Valliammal – Subject Expert
2. Mr. C. Ramachandran – Member

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

Item 21.1: *To review and approve the minutes of the previous meeting held on 11.11.2025.*

The chairman of the board presented the minutes of the previous meeting held on **11.11.2025** 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 11.11.2025.

Item 21.2: *To consider and approve the scheme, regulations and syllabi for the I Semester for students admitted during the academic year 2026-27 onwards.*

The chairman presented the detailed scheme and syllabi of I 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.

New Courses Introduced:

Sem	Course Code	Course	Change & Reason
IV	26CAU4CM	R Programming	R, which was earlier covered as a component of the Big Data course, has now been transitioned to an embedded model. This enables focused use of R as a powerful platform for statistical analysis and data visualization.
V	26CAU5CB	Full Stack Development	To equip students with skills to build complete web applications, covering both front-end and back-end technologies.
V	26CAU5CQ	Full Stack Development	It enhances employability by preparing students for industry roles that require end-to-end development and problem-solving capabilities.
V	26CAU5SP	Linux Programming	Linux, which was earlier covered as part of the Operating Systems course, has now been introduced as a separate laboratory course to provide hands-on experience in system administration, shell scripting and open-source environments.
VI	26CAU6DD	Human Computer Interaction	To help students understand how users interact with systems and to design intuitive, user-friendly interfaces. It equips learners with principles of usability, accessibility, and user-centered design essential for developing effective and engaging software applications.

After discussion the following resolution was passed.

Resolution:

Resolved to approve the regulation, scheme and syllabi of I Semester for the students admitted during the academic year 2026-27.

Item 21.3: *To consider and approve the syllabi of III Semester for students admitted during the*

academic year 2025-26 onwards.

The Chairman presented the detailed syllabi of III 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 21.4: *To consider and approve the syllabi of V semester for the students admitted during the academic year 2024-25.*

The Chairman presented the detailed syllabi of V semester for the students admitted during the academic year 2024-25. 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
24CAU5CC	Software Engineering Concepts	Dr. E. Karthikeyan and Dr. I. Kala suggested integrating AI-assisted tools across SDLC- coding, testing, maintenance to build future-ready student competencies.

GE Offered:

Course Code	Course	Change & Reason
24CAU5GA	Spread Sheet Applications	To All UG Programme. (Other than Computer Science)

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

Resolution:

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

Item 21.5: *To consider and approve the syllabi and self-study courses offered in III semester for the students admitted during the academic year 2025-26 onwards.*

1. Self-Study Course Names:

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 and syllabi to be offered in III semester for the students admitted during the academic year 2025-26 onwards.

After discussion the following resolution was passed.

Resolution:

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

21.6 *To review 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:

- Cloud Computing
- Introduction to Internet of Things
- Problem solving using C Programming
- Programming in Java
- Object Oriented Programming

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 21.7: *To approve the panel of examiners for setting question papers and evaluating answer scripts for the odd 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 odd 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 odd semester of the academic year 2026-27.


Item 21.8: *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.

Date: 01.04.2026


1/4/26
Dr. S. Poorana Senthilkumar
Chairman
BoS Chairman/HOD
Department of Computer Applications
G. P. Arts and Science College
Coimbatore -- 641 045

Syllabus Revision

Faculty: Computer Science

Board: Computer Applications

Course Code / Name: 24CAU5CC Software Engineering Concepts Semester: V

S.No.	Existing	Changes
1	<p>Unit I :Software Engineering and Process Models</p> <p>Introduction – Nature of Software – Unique Nature of Web Apps – Software Engineering – Software Process - Software Engineering Practice.</p> <p>Process Models: A Generic Process Model - Process Assessment and Improvement – Prescriptive Process Models – Specialized Process Models – Unified Models.</p>	
2	<p>Unit II :Agile Development</p> <p>Agility - Agility and Cost of Change - Agile Process - Extreme Programming - Agile Process Models.</p>	<p>Added the below topic.</p> <p>Case Study : Enhancing Agile Development Using AI Tools</p>
3	<p>Unit III :Software Requirement Analysis and Software Design</p> <p>Requirements Analysis and Specification: Requirements Gathering and Analysis, Software Requirements Specification (SRS), Formal System Specification.</p> <p>Function-Oriented Software Design: Overview of SA/SD Methodology, Structured Analysis: Data Flow Diagram (DFDs), Structured Design, Detailed Design, Design Review.</p>	<p>Added the below topic.</p> <p>Case Study : AI Tool Integration for Modern Software Design</p>

4	<p>Unit IV :Coding and Testing</p> <p>Coding - Code Review - Software Documentation - Testing - Unit Testing - Black-Box Testing - White-Box Testing - Debugging - Program Analysis Tools - Integration Testing - System Testing.</p>	<p>Added the below topic.</p> <p>Case Study : AI-Assisted Coding and Software Testing</p>
5	<p>Unit V :Software Quality and Maintenance</p> <p>Software Reliability and Quality Management: Software Reliability – Statistical Testing – Software Quality – Software Quality Management System – ISO 9000.</p> <p>Software Maintenance: Characteristics of Software Maintenance - Software Reverse Engineering – Software Maintenance Process Models – Estimation of Maintenance Cost. Software Reuse: Introduction – Reuse Program – Reuse Approach – Reuse at Organization Level.</p>	<p>Added the below topics.</p> <p>Case Study : AI Based Software Maintenance , Quality Assurance and Reuse.</p>

Percentage of Revision: 18%

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: 25CAUSSA Intelligent Low-Code Application Development

Semester: III

Unit	Course Content
I	<p>Introduction to Low-Code Platforms</p> <p>Introduction to Low-Code Development – Meaning and Importance. Traditional Coding vs Low-Code Development. Overview of Zoho Creator Platform. Applications of Low-Code in Business and Education. Introduction to AI in Low-Code Development. Power of creation with AI.</p> <p>Activity: Create a Zoho Creator account and explore the interface.</p>
II	<p>Basics of Application Building</p> <p>Introduction to Forms and Fields. Basic Field Types (Text, Number, Email, Date). Creating Simple Forms. Introduction to Reports. Basic UI Customization. Mobile App Interface. AI: AI Model Assistant to create apps from Excel/CSV files.</p> <p>Activity: Create a simple Student Information Form.</p>
III	<p>Introduction to Automation</p> <p>Introduction to Workflows. Basic Workflow Rules. Introduction to Deluge. AI Assistance in Deluge. Zia AI assistant overview.</p> <p>Activity: Create a simple notification workflow.</p>
IV	<p>Data Handling and AI Features</p> <p>Basic Data Management Concepts. Introduction to Integrations. OCR AI concept (PDF data extraction overview). Zia GenAI capabilities overview.</p> <p>Activity: Import sample data and generate a report.</p>
V	<p>Application Sharing and Mini Project</p> <p>Application Testing Basics. Sharing Applications with Users. Introduction to Mobile Access. Zia Assistant powered by OpenAI. Mini Project: Student Registration App, Event Registration Form, Simple Task Manager. Mobile Ready Data Collection App.</p> <p>Activity: Create and demonstrate a simple application</p>

PERCENTAGE OF SYLLABUS REVISED: 100%

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: 25CAUSSB Digital Marketing

Semester: III

Unit	Course Content
I	<p>Introduction</p> <p>Introduction to Digital Marketing – Traditional Marketing vs. Digital Marketing – Digital Marketing Plan – Careers in Digital Marketing.</p>
II	<p>Display Advertising and Search Engine Advertising</p> <p>Display Advertising: Concept of Display Advertising, Types of Display Ads. Search Engine Advertising: Understanding Ad Placement, Creating First Ad Campaigns – Google Ads Account – E-Commerce.</p>
III	<p>Social Media Marketing and Facebook Marketing</p> <p>Social Media Marketing: Social Entertainment, Different Forms of Social Entertainment: Live Streaming, Media Streaming, Advergaming. Facebook Marketing: Organic Marketing, Paid Marketing.</p>
IV	<p>Twitter Marketing and Mobile Marketing</p> <p>Twitter Marketing: Twitter Building Blocks – Twitter Usage – Twitter Analytics – Twitter Tools.</p> <p>Mobile Marketing: Evolution of Mobile Technology – Mobile Advertising – Mobile Marketing Toolkit – Mobile Marketing Features – Mobile Analytics – Mobile Apps.</p>
V	<p>Video Marketing and Advancements in Digital Marketing</p> <p>Video Marketing: Types of Video Marketing: Facebook, YouTube, Instagram, LinkedIn.</p> <p>Technological Advancements in Digital Marketing: Voice Search – Artificial Intelligence – Chatbots – Big Data – Blockchain Technology.</p>

PERCENTAGE OF SYLLABUS REVISED: 100%

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

ATTENDANCE OF THE TWENTY FIRST BOARD OF STUDIES MEETING

Faculty: Computer Science

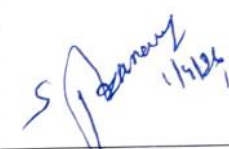


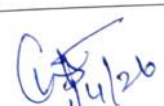

Board : Computer Applications






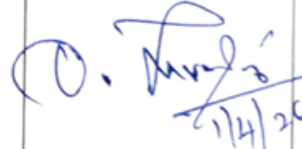


Date :01.04.2026





Time: 10.00 a.m.

Venue: C1 Block - Seminar Hall II

The following members were present for the meeting

S.No	Name	Designation	Signature
1.	Dr. S.PooranaSenthilkumar Assistant Professor Department of Computer Applications Dr.N.G.P. Arts and Science College.	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	ABSENT
4.	Dr. I. Kala Associate Professor Department of Computer Science and Engineering PSG Institute of Technology and Applied Research Coimbatore.	Subject Expert	
5.	S. Gobinath Technical lead Infosys Coimbatore.	Industry Expert	
6.	Arunkumar Mathimaran Senior system Engineer ATMECS Technology Coimbatore.	Alumni Expert	

7.	Dr.C.Kumuthini Professor Department of Computer Applications Dr.N.G.P. Arts and Science College.	Internal Member	
8.	Mrs.K. Gomathy Assistant Professor(SG) Department of Computer Applications Dr.N.G.P. Arts and Science College.	Internal Member	
9.	Mr. P.Dinesh Kumar Assistant Professor(SG) Department of Computer Applications Dr.N.G.P. Arts and Science College.	Internal Member	
10.	Dr.B.Ramya Assistant Professor Department of Computer Applications Dr.N.G.P. Arts and Science College.	Internal Member	
11.	Dr. K.Kavitha Associate Professor Department of Computer Applications Dr.N.G.P. Arts and Science College.	Internal Member	
12.	Dr. V.Yuvaraj Assistant Professor Department of Computer Applications Dr.N.G.P. Arts and Science College.	Internal Member	
13.	Dr. P.S.Vijayalakshmi Associate Professor Department of Computer Applications Dr.N.G.P. Arts and Science College.	Internal Member	
14.	Mr. B. ThamaraiKannan Assistant Professor Department of Computer Applications Dr.N.G.P. Arts and Science College.	Internal Member	
15.	Mr. C. Ramachandran Assistant Professor Department of Computer Applications Dr.N.G.P. Arts and Science College.	Internal Member	ABSENT

16.	Dr.R. Sowrirajan Professor & Head Department of Mathematics Dr.N.G.P. Arts and Science College	Co-opted Member	
17.	Dr. M. Kalimuthu Professor & Head Department of Professional Accounting Dr.N.G.P. Arts and Science College	Co-opted Member	
18.	KM Harish II BCA A Department of Computer Applications Dr.N.G.P. Arts and Science College.	Student Representative	
19.	NSR Nishanthini III BCA B Department of Computer Applications Dr.N.G.P. Arts and Science College.	Student Representative	


 P-2 Chairman/Head
 Head of the Department
 Department of Computer Applications
 Jr. N.G.P Arts & Science College
 Coimbatore 641 022
 11/4/26