



# 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 (3<sup>rd</sup> Cycle - 3.64 CGPA)

Dr. N.G.P. - Kalapatti Road, Coimbatore - 641 048, Tamil Nadu, India

Web : www.drngpsc.ac.in | Email : info@drngpsc.ac.in | Phone : +91-422-2369100

BoS

21<sup>st</sup>

## Board of Studies Meeting Department of Information Technology

The minutes of the 21<sup>st</sup> meeting of Board of Studies held on 01.04.2026 at 10.00 am at C1 Block C1-203.

### Members Present:

S. No.	Name	Category
1.	Dr. A. Adhiselvam, Professor and HoD	Chairman
2.	Dr. D.Napoleon Associate Professor, Department of Computer Science, Bharathiar University, Coimbatore	University Nominee
3.	Dr. T. Senthil Kumar, Professor, School of Computing, Amrita Vishwa Vidyapeetham, Coimbatore	Subject Expert
4.	Dr. D.Shanmugapriya Head, Department of Information Technology, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	Subject Expert
5.	Mr. G.Karthik Senior Consultant, Experience Design, Infosys, Coimbatore	Industrial Expert
6.	Mr. Christopher P Security Services, Associate Manager, Accenture Pvt Ltd., 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. D.Parasakthi, Professor and Head, Department of Commerce	Co-opted Member
11.	Dr. T.Snekalatha, Professor & Head, Department of Commerce AT	Co-opted Member
12.	Dr. K.Santhi, Professor	Member
13.	Dr. J.Savitha, Professor	Member
14.	Dr. K.Thenmozhi, Professor	Member
15.	Dr. R.Praba, Associate Professor	Member

Contd...





## 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 (3<sup>rd</sup> Cycle - 3.64 CGPA)

Dr. N.G.P. – Kalapatti Road, Coimbatore – 641 048, Tamil Nadu, India

Web : www.drngpasc.ac.in | Email : info@drngpasc.ac.in | Phone : +91-422-2369100

BoS

21<sup>st</sup>

16.	Dr. P.Menaka, Associate Professor	Member
17.	Dr. K.Banuroopa, Associate Professor	Member
18.	Mr. R.Kalaiselvan, Assistant Professor	Member
19.	Mrs. A.Sathiya Priya, Assistant Professor	Member
20.	Mrs. N.Vaishnavi, Assistant Professor	Member
21.	Ms. M.Nivetha, II B.Sc IT 'A'	Student Representative

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

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

1. Dr. T. Senthil Kumar, Professor, Amrita Vishwa Vidyapeetham, Coimbatore – Subject Expert

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 and syllabi for I semester for the students admitted during the academic year 2026-2027.*

The Chairman of the board presented the detailed scheme and syllabi for the I semester for the students admitted during the academic year 2026-2027.

Contd...





# 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 (3<sup>rd</sup> Cycle - 3.64 CGPA)

Dr. N.G.P. – Kalapatti Road, Coimbatore – 641 048, Tamil Nadu, India

Web : www.drngpasc.ac.in | Email : info@drngpasc.ac.in | Phone : +91-422-2369100

BoS

21<sup>st</sup>

## New Courses Introduced

Course Code	Course Name	Reason
26ITU5CC	Core: IT Infrastructure and Service Management	This course is introduced in 5 <sup>th</sup> semester to gain industry-relevant competencies in managing IT services and making them job-ready and aligned with current technological and organizational needs.
26ITU5DA	DSE: Data Science Fundamentals	As data-driven technologies are widely used across industries, this course is introduced in 5 <sup>th</sup> semester to equip with essential analytical and problem-solving skills required to extract meaningful insights from data.
26ITU6DC	DSE: Distributed and Enterprise Systems	This course is introduced in 6 <sup>th</sup> Semester to understand the design, deployment and management of large-scale distributed and enterprise computing environments.
26ITU6DD	DSE: Introduction to Quantum Computing	Introduced in the 6 <sup>th</sup> semester to align the curriculum with recent advancements in computing and to build foundational understanding of quantum and advanced computing concepts.

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

### Resolution:

**Resolved to approve the above modification and adopt the revised syllabi for the students admitted during the academic year 2026-2027.**

**Item 21.3:** *To consider and approve syllabi for III semester for the students admitted during the academic year 2025-2026.*

The Chairman presented the detailed scheme and syllabi for the III semester for the students admitted during the academic year 2025-2026.

After discussion the following resolution was passed.

### Resolution:

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

Contd...





## 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 (3<sup>rd</sup> Cycle - 3.64 CGPA)

Dr. N.G.P. – Kalapatti Road, Coimbatore – 641 048, Tamil Nadu, India

Web : www.drngpasc.ac.in | Email : info@drngpasc.ac.in | Phone : +91-422-2369100

BoS

21<sup>st</sup>

**Item 21.4:** *To consider and approve the syllabi for V semester for the students admitted during the academic year 2024-2025*

The Chairman presented the detailed scheme and syllabi for the V semester for the students admitted during the academic year 2024-2025. The members deliberated in detail and approved the syllabi with following changes.

### Changes Made:

Course Code	Course	Changes and Reason
24ITU5CA	Full Stack Development	Mr. G. Karthik recommended the inclusion of “AI-Assisted Software Development” in Unit V to develop an understanding of the role of AI tools in enhancing software design, development and testing.

### GE Offered:

Course Code	Course	Department
24ITU5GA	Business Information Systems	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 modification and adopt the revised syllabi for the students admitted during the academic year 2024-2025.**

**Item 21.5:** *To consider and approve the self-study course offered in III semester for the students admitted in UG from academic year 2025-2026.*

Course Code	Course
25ITUSSA	Human Computer Interaction Design
25ITUSSB	Network Protocols

The board discussed and approved the self-study courses offered in III semester for the students admitted in UG during academic year 2025-2026.

Contd...





# 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 (3<sup>rd</sup> Cycle - 3.64 CGPA)

Dr. N.G.P. – Kalapatti Road, Coimbatore – 641 048, Tamil Nadu, India

Web : www.drngpasc.ac.in | Email : info@drngpasc.ac.in | Phone : +91-422-2369100

BoS

21<sup>st</sup>

## Resolution:

**Resolved to approve the self-study course offered in III semester for the students admitted in UG from academic year 2025-26.**

**Item 21.6:** *To review and approve Student Skill Development Courses (SSDC) /NPTEL courses that are equivalent to course curriculum/ Domain- Specific courses.*

The board discussed and approved the following Student Skill Development/ NPTEL Courses.

## SWAYAM- NPTEL:

1. Programming in Java
2. Database Management Systems
3. Cloud Computing
4. Internet of Things

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 21.7:** *To approve the panel of examiners for question paper setting and evaluation of answer scripts for the odd semester during the academic year 2026-2027*

The Chairman presented the panel of examiners for question paper setting, question paper scrutiny and conduct of practical and theory of examination are submitted to CoE for exam related work.

## Resolution:

**Resolved to approve the panel of examiners for question paper setting and evaluation of answer scripts for the odd semester of the academic year 2026-2027.**

Contd...





## 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 (3<sup>rd</sup> Cycle - 3.64 CGPA)  
Dr. N.G.P. – Kalapatti Road, Coimbatore – 641 048, Tamil Nadu, India  
Web : www.dnmpasc.ac.in | Email : info@dnmpasc.ac.in | Phone : +91-422-2369100

BoS

21<sup>st</sup>

**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 Computing	V
Software Project Management	Software Project Management	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 **Mrs. A. Sathiya Priya**, Assistant Professor.

**Date: 01.04.2026**

  
(Dr.A. Adhiselvam)

BoS Chairman/HOD  
Department of Information Technology  
Dr. N.G.P. Arts And Science College  
Coimbatore - 641 048





# 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 (3<sup>rd</sup> Cycle - 3.64 CGPA)

Dr. N.G.P. – Kalapatti Road, Coimbatore – 641 048, Tamil Nadu, India

Web : www.drngpasc.ac.in | Email : info@drngpasc.ac.in | Phone : +91-422-2369100

BoS

21<sup>st</sup>

## Syllabus Revision

Faculty: Computer Science

Board: Information Technology

Course Code / Name: 24ITU5CA / Full Stack Development Semester: V

Unit	Existing	Changes
I	<b>Introduction to Full Stack &amp; Web Programming</b> Introduction to Full Stack Development: Overview of Full Stack - HTML 5.0: HTML Tags - Structural Elements - Title and Meta Elements – Attributes - Body Elements. Coding standards - Elements and Character References – Audio – Video. CSS Overview – CSS Rules- CSS Syntax and style-Class Selectors – ID Selectors – Cascading- Style attributes and container – CSS Properties.	Nil
II	<b>Introduction to Java Script</b> Introduction: Buttons - Functions- Variables – Identifiers – Form element – Controls: Text. JavaScript Basics: window Object - if Statement – Strings –Loops and Additional Controls.	<b>React JS</b> Introduction to React: React Environment-Create element. Life of a Components: Function component, class component, Properties, effect, state, context, return, textarea, Dom Events – Props verse state – Lifecycle Methods.
III	<b>React JS</b> <del>Introduction to React: React Environment Create element. Life of a Components: Function component, class component, Properties, effect, state, context, return, textarea, Dom Events Props verse state Lifecycle Methods.</del>	<b>Node JS</b> Introduction: Node.js - Using Events, Listeners, Timers and Callbacks in NodeJS - Handling Data I/O in Node.js - Implementing HTTP Services in Node.js.
IV	<b>Node JS</b> <del>Introduction: Node.js Using Events, Listeners, Timers and Callbacks in NodeJS Handling Data I/O in Node.js Implementing HTTP Services in Node.js.</del>	<b>MongoDB</b> Introduction - Collections – Documents – difference between SQL and NoSQL – Inserting data into Database – Filter queries and scheme validation in MongoDB Database – Indexing in collections – Aggregation and Embedded documents in MongoDB.
V	<b>MongoDB</b> <del>Introduction Collections Documents difference between SQL and NoSQL Inserting data into Database Filter queries and scheme validation in MongoDB Database Indexing in collections Aggregation and Embedded documents in MongoDB.</del>	<b>AI-Assisted Software Development</b> Generative AI and Large Language Models (LLM): Evolution model, types of LLMs – Prompt Engineering: Prompt, Context, Instruction, Input of content, Format – AI-Assisted Tools: GitHub Copilot, ChatGPT, Cursor AI, Replit – Debugging, Code Review and Deployment.

PERCENTAGE OF SYLLABUS REVISED: 20%





## 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 (3<sup>rd</sup> Cycle-3.64 CGPA)  
Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India  
Website: www.dnrgpasc.ac.in | Email: info@dnrgpasc.ac.in | Phone: +91-422-2369100

### ATTENDANCE OF THE TWENTY FIRST BOARD OF STUDIES MEETING

Faculty: Faculty of Computer Science



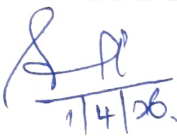


Board: Information Technology

VENUE : C1 Block 203

DATE : 01.04.2026

TIME : 10.00 AM

The following members were present for the Board of Studies Meeting

S.NO.	NAME & ADDRESS	DESIGNATION	ATTENDANCE STATUS
1.	Dr. A. Adhiselvam Professor & Head Department of Information Technology Dr.N.G.P. Arts and Science College Coimbatore-641048	Chairman	 11/4/26
2.	Dr. D. Napoleon Associate Professor, Department of Computer Science, Bharathiar University, Coimbatore-641 046 E-mail: napoleon@buc.edu.in Cell: 9655162717	Member (Subject Expert) (Nominated by Vice Chancellor)	 01.04/26
3.	Dr. T. Senthil Kumar Professor, School of Computing, Amrita Vishwa Vidyapeetham, Coimbatore-641 112 Email: t_senthilkumar@cb.amrita.edu Cell: 9842977522	Member (Subject Expert) (Nominated by Academic Council)	— ABSENT —
4.	Dr. D. Shanmugapriya Head, Department of Information Technology, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore-641043 Email: hod_it@avinuty.ac.in Cell: 8838393131	Member (Subject Expert) (Nominated by Academic Council)	 1/4/26
5.	Mr. G. Karthik Senior Consultant, Experience Design, Infosys, Coimbatore. Email: karthiksukumar.g@gmail.com Cell: 9994922256	Member (Industrial expert)	
6.	Mr. P. Christopher Security Services, Associate Manager, Accenture Pvt Ltd., Coimbatore. Email: chrisit10@gmail.com Cell: 9677950260	Alumni	





# 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 (3<sup>rd</sup> Cycle-3.64 CGPA)  
Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India  
Website: www.drngpasc.ac.in | Email: info@drngpasc.ac.in | Phone: +91-422-2369100

S.NO.	NAME & ADDRESS	DESIGNATION	ATTENDANCE STATUS
7	Dr. N. Kuppuchamy Professor & Head	Co-opted Member (Tamil)	<i>[Signature]</i>
8	Dr.A.Hazel Verbinaha Professor & Head	Co-opted Member (English)	<i>[Signature]</i>
9	Dr. R. Sowrirajan Associate Professor & Head	Co-opted Member (Mathematics)	<i>[Signature]</i>
10	Dr. D. Parasakthi Professor & Head	Co-opted Member (Commerce)	<i>[Signature]</i>
11	Dr. T. Snekalatha Professor & Head	Co-opted Member (Commerce IT)	<i>[Signature]</i>
12	Ms.M. Nivetha II B.Sc. IT A	Student Representative	<i>[Signature]</i>
13	Dr.K.Santhi Professor	Member	<i>[Signature]</i>
14	Dr.J.Savitha Professor	Member	<i>[Signature]</i>
15	Dr.K.Thenmozhi Professor	Member	<i>[Signature]</i>
16	Dr.R.Praba Associate Professor	Member	<i>[Signature]</i>
17	Dr.P.Menaka Associate Professor	Member	<i>[Signature]</i>
18	Dr.K.Banuroopa Associate Professor	Member	<i>[Signature]</i>
19	Mr.R.Kalaichelvan Assistant Professor	Member	<i>[Signature]</i>
20	Mrs. A.Sathiya Priya Assistant Professor	Member	<i>[Signature]</i>
21	Mrs. N.Vaishnavi Assistant Professor	Member	— ABSENT —

Date: 01.04.2026

*[Signature]* / 4/26  
(Dr. A. Adhiselvam)  
Bos Chairman/HOD  
Department of Information Technology,  
Dr. N.G.P. Arts And Science College  
Coimbatore - 641 048

