Board of Studies Meeting

Department of Information Technology

The minutes of the 22nd meeting of Board of Studies held on 27.10.2026 at 10.00 am.

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, Department of English	Co-opted Member
9.	Dr. S.Gokilamani, Assistant Professor and Head, Department of Mathematics	Co-opted Member
10.	Dr. S.Arunpriya, Professor and Head, Department of Commerce	Co-opted Member
11.	Dr. K.Santhi, Professor	Member
12.	Dr. J.Savitha, Professor	Member
13.	Dr. R.Praba, Associate Professor	Member
14.	Dr. P.Menaka, Associate Professor	Member

Contd…

15.	Dr. K.Banuroopa, Associate Professor	Member
16.	Dr. R.Kalaiselvan, Assistant Professor	Member
17.	Dr. M. Nalani, Assistant Professor	Member
18.	Dr. A.Sathiya Priya, Assistant Professor	Member
19.	Ms. M.Nivetha, III 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 members to attend the meeting and requested to grant leave of absence.

1. Dr. K.Thenmozhi, Professor - Member
2. Ms.N.Vaishnavi, Assistant Professor – Member

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 **1.04.2026.***

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:

Resolved to approve the minutes of the previous meeting held on *1.04.2026.*

Item 22.2: *To consider and approve the syllabi for II semester for the students admitted during the academic year 2026-2027.*

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

After discussion the following resolution was passed.

Resolution:

Resolved to approve the syllabus for the students admitted during the academic year 2026-2027.

Contd…

Item 22.3: *To consider and approve syllabi for IV semester for the students admitted during the academic year 2025-2026.*

The Chairman presented the detailed scheme and syllabi for the IV 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 2024-2027 Batch without any modification for the students admitted during the academic year 2025-2026.

Item 22.4: *To consider and approve the syllabi for VI semester for the students admitted during the academic year 2024-2025.*

The Chairman presented the detailed scheme and syllabi for the VI 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
24ITU6DA	Blockchain Technology and Applications	Dr. D. Shanmugapriya suggested to include topics "Integration of blockchain with AI" and "Blockchain-based Decentralized AI" in Unit V to equip students with knowledge of AI-Blockchain integration.
24ITU6DC	Software Project Management	Mr. G. Karthik recommended to add "AI-Assisted Project Management using Jira and Rovo" in Unit V to align with AI-driven project management practices and current industry requirements.

New Course Introduced:

Course Code	Course	Reason
24ITU6DE	Deep Learning	To equip students with the fundamental knowledge and practical skills in Deep Learning to develop intelligent applications, address real-world problems and meet emerging industry demands.

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.

Contd…

Item 22.5: *To consider and approve the self-study course offered in III semester for the students admitted in UG from academic year 2026-27.*

Course Code	Course
26ITUSSA	IT Governance and Compliance
26ITUSSB	Prompt Engineering Essentials

The board discussed and approved the self-study courses offered in III semester for the students admitted in UG during academic year 2026-27.

Resolution:

Resolved to approve the self-study course offered in III semester for the students admitted in UG from academic year 2026-27.

Item 22.6: *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. Software Project Management
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.

Contd...

Item 22.7*: To approve the panel of examiners for question paper setting and evaluation of answer scripts for the even 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 even semester of the academic year 2026-2027.

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 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 **Dr. A. Sathiya Priya,** Assistant Professor.

27/10/2026

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

Date: 27.10.2026

Syllabus Revision

Faculty: Computer Science **Board: Information Technology**

Course Code / Name: 24ITU6DA-Blockchain Technology and Applications **Semester: VI**

Unit	Existing	Changes
I	Introduction to Blockchain Blockchain: Growth, Distributed Systems, History of Blockchain and Bitcoin, Architecture, Generic Elements, Benefits, Features and Limitations - Types of Blockchains.	-
II	Decentralization and Consensus Algorithms Decentralization: Introduction, Methods, Disintermediation, Contest-Driven Decentralization - Full-Ecosystem Decentralization - Decentralization in Practice - Innovative Trends - Consensus Algorithms: Introduction, Analysis and Design, Classification, Crash Fault Tolerance and Byzantine Fault Tolerance Algorithms.	-
III	Bitcoin Architecture Bitcoin - Cryptographic Keys - Addresses - Transactions: Lifecycle, Data Structure - Blockchain for Bitcoin - Miners: Proof-of-Work (PoW), Mining Systems, Mining Pools - Network - Wallets.	-
IV	Ethereum Architecture Ethereum - Cryptocurrency - Keys and Addresses - Accounts - Transactions and Messages - Ethereum Virtual Machine (EVM) - Blocks and Blockchain - Nodes and Miners - Ethereum Network.	-

V	Blockchain Applications and Challenges Use Cases: IoT Architecture - Applications: Government, Health, Media, Blockchain and AI, Emerging Trends - Challenges: Governance Challenges, Technical Challenges.	Integration of Blockchain with AI: Efficiency, benefits and challenges, Blockchain based Decentralized AI Model, AI and Blockchain, Centralized vs Decentralized AI.

PERCENTAGE OF SYLLABUS REVISED: 12%

Syllabus Revision

Faculty: Computer Science **Board: Information Technology**

Course Code / Name: 24ITU6DC- Software Project Management **Semester: VI**

Unit	Existing	Changes
I	Software Project Management and Project Evaluation Software Project Management: Introduction – Activities – Plans – Methods - Categorizing Software Projects - Project Charter – Stakeholders – Objectives - Management Control - Project Management Life Cycle - Project Evaluation and Programme Management: Project Portfolio Management – Evaluation - Cost-benefit Evaluation Techniques - Risk Evaluation - Programme Management.	-
II	Project Planning and Process Models Project Planning: Introduction - Project Selection - Project Scope – Objectives - Project Infrastructure - Project Characteristics – Products - Activities - Effort Estimation - Activity Risks - Resource Allocation - Review Plan - Execute Plan - Software Process Models: Waterfall Model - Spiral Model - Agile Methods – Scrum - Lean Software Development.	-
III	Software Effort Estimation and Activity Planning Software Estimation: Introduction - Over and under Estimates - Effort Estimation Techniques - Bottom-up estimation - Top-down Approach - Parametric Model - COCOMO II - Function Points Analysis - Activity Planning: Project Schedules – Projects – Activities – Sequencing - Scheduling Activities -	-

Dr.NGPASC
Coimbatore I India

	Network Planning Models - Time Dimension - Forward Pass - Backward Pass - Critical Path.	
IV	Risk Management and Resource Allocation Risk Management: Risk – Categories – Approaches - Identification – Assessment – Planning – Management - Evaluating Risks - Counter Measures - PERT Technique - Resource Allocation: Introduction - Nature of Resources – Requirements – Scheduling - Critical Paths - Publishing Schedule - Cost Schedule - Sequence Schedule.	-
V	Monitoring, Control and Software Quality: Monitoring and Control: Visualizing Progress - Earned Value Analysis - Change Control - Software Configuration Management - Software Quality: Project Planning – Importance – Definition - Quality Models - ISO 9126 - Product vs Process Metrics - Product vs Process Quality Management - Quality Management Systems - Techniques to Enhance Software Quality – Testing - Software Reliability - Quality Plans.	AI: Code Review, Dashboard, Quality Prediction. Application of Jira with Rovo AI for monitoring, control and software quality.

PERCENTAGE OF SYLLABUS REVISED: 15%

Syllabus Revision – New Course

Faculty: Computer Science **Board: Information Technology**
Course Code / Name: 24ITU6DE- Deep Learning **Semester: VI**

Unit	Course Content
I	**Introduction to Deep Learning** Introduction- Linear Algebra: Scalars, Vectors, Matrices and Tensors - Probability Distributions – Machine learning basics: Hyperparameters and Validation Sets- Supervised and Unsupervised learning algorithms - Deep Feedforward Networks: Gradient–Based Learning - Hidden Units - Architecture Design - Back – Propagation and Other Differentiation Algorithms.
II	**Regularization for Deep Learning** Dataset Augmentation - Noise Robustness - Semi-supervised Learning - Multitask Learning - Early stopping - Sparse Representations - Bagging and other Ensemble Methods –Dropout - Optimization for Training Deep Models: Challenges in Neural Network Optimization - Basic Algorithms - Optimization Strategies and Meta - Algorithms.
III	**Convolutional Networks** Convolution operation – Motivation – Pooling - Variants of the Basic Convolution Function - Structured Outputs -Data types - Efficient Convolution Algorithms - Random or Unsupervised Features - The Neuroscientific Basics for Convolutional Networks
IV	**Sequence Modeling** Recurrent Neural Networks - Bidirectional RNNs - Encoder-Decoder Sequence-to-Sequence Architectures - Deep Recurrent Networks - Recursive Neural Networks - The Challenge of Long - term Dependencies - Echo state Networks - Leaky Units and Other Strategies for Multiple Time scales - The Long Short-Term Memory and Other Gated RNNs - Optimization for Long-Term Dependencies.
V	**Applications** Large - Scale Deep Learning – Applications: Computer Vision- Speech Recognition - Natural Language Processing– Recommendation Systems.

PERCENTAGE OF SYLLABUS REVISED: 100%

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)
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

ATTENDANCE OF THE TWENTY SECOND BOARD OF STUDIES MEETING

Faculty: Faculty of Computer Science **Board: Information Technology**

VENUE : SEMINAR HALL 3 (Virtual)
DATE : 27.10.2026
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	**PRESENT**
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)	**PRESENT**
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)	**PRESENT**
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)	**PRESENT**
5.	Mr. G. Karthik Senior Consultant, Experience Design, Infosys, Coimbatore. Email: karthiksukumar.g@gmail.com Cell: 9994922256	Member (Industrial expert)	**PRESENT**
6.	Mr. P. Christopher Security Services, Associate Manager, Accenture Pvt Ltd., Coimbatore. Email: chrisit10@gmail.com Cell: 9677950260	Alumni	**PRESENT**

S.NO.	NAME & ADDRESS	DESIGNATION	ATTENDANCE STATUS
7	Dr. N. Kuppuchamy Associate Professor & Head	Co-opted Member (Tamil)	**PRESENT**
8	Dr.A.Hazel Verbinaha Professor & Head	Co-opted Member (English)	**PRESENT**
9	Dr. S.Gokilamani Associate Professor & Head	Co-opted Member (Mathematics)	**PRESENT**
10	Dr.S.Arunpriya Professor & Head	Co-opted Member (Commerce)	**PRESENT**
11	Ms.M. Nivetha III B.Sc. IT A	Student Representative	**PRESENT**
12	Dr.K.Santhi Professor	Member	**PRESENT**
13	Dr.J.Savitha Professor	Member	**PRESENT**
14	Dr.K.Thenmozhi Professor	Member	**ABESENT**
15	Dr.R.Praba Associate Professor	Member	**PRESENT**
16	Dr.P.Menaka Associate Professor	Member	**PRESENT**
17	Dr.K.Banuroopa Associate Professor	Member	**PRESENT**
18	Dr.R.Kalaichelvan Assistant Professor	Member	**PRESENT**
19	Dr. M. Nalani, Assistant Professor	Member	**PRESENT**
20	Dr. A.Sathiya Priya Assistant Professor	Member	**PRESENT**
21	Mrs. N.Vaishnavi Assistant Professor	Member	**ABSENT**

Date: 27.10.2026

27/10/26

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