

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

BoS

3rd

MINUTES OF THE THIRD BOARD OF STUDIES MEETING

Faculty: Computer Science

Board: Artificial Intelligence and Machine Learning

The Meeting of Board of Studies (BoS) was held as given below:

Name of the Body	Board of Studies (BoS)
Department	Artificial Intelligence and Machine Learning
Meeting No.	III
Date and Time	09.06.2023 @ 11.00 a.m.
Venue	IQAC Board Room
Members Attended	The details are given in the ANNEXURE -I

AGENDA	
1	Discussion on the syllabus for the fifth semester UG – 2021 - 2024 Batch
2	Discussion on curriculum and syllabi for Part III - Core Courses for the third semester UG - 2022-2025 Batch
3	Discussion on the syllabus for Part III- Inter Disciplinary Course (IDC) offered by other departments
4	Discussion on Part I (Tamil/Hindi/French/Malayalam) offered by Language department for III Semester UG for 2022-2025 Batch
5	Discussion on Part II (English) offered by English Department for III Semester UG for 2022-2025 Batch
6	Discussion on curriculum and syllabi following R5 Regulations for Part III - Core Courses for the first semester UG - 2023-2026 Batch
7	Discussion on Part I (Tamil/Hindi/French/Malayalam) offered by Language department for I Semester UG for 2023-2026 Batch
8	Discussion on Part II (English) offered by English Department for I Semester UG for 2023-2026 Batch
9	Discussion on Part IV (AECC) Environmental Studies for 2023-2026 Batch
10	Discussion on credits for Part V Extension Activity for 2023-2026 Batch
11	Discussion on VACC for the A.Y 2023 – 2024.
12	Any other matters





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MINUTES OF THE THIRD BOARD OF STUDIES MEETING

Faculty: Computer Science

Board: Artificial Intelligence and Machine Learning

The Chairman of BoS welcomed all the Panel members for the meeting. The items listed in the agenda were taken for discussion.

The following are the minutes of the meeting:

Item - 01	Discussion on the syllabus for the fifth semester UG – 2021 - 2024 Batch.
Discussion	<p>The courses offered in Fifth Semester:</p> <p>214AI1A5CA: Natural Language Processing 214AI1A5CB: Computer Networks 214AI1A5CC: Internet of Things and its Applications 214AI1A5CD: Cyber Security 214AI1A5CP: NLP using Python 214AI1A5CQ: Computer Networks 214AI1A5DA: Text and Web Mining 214AI1A5DB: Software Engineering 214AI1A5DC: Cognitive Analytics</p> <p>214AI1A5CA : Natural Language Processing</p> <ul style="list-style-type: none">• Dr.Adri Jovin suggested to include OLAC (Open Language Archives Community) Metadata set - online databases for language resources for linguistic research as case study in Unit V <p>214AI1A5CD : Cyber Security</p> <ul style="list-style-type: none">• The Board members suggested to introduce some most influential data privacy regulations like HIPAA, FISMA, PCI in Unit V <p>214AI1A5CP : NLP using Python - Practical</p> <ul style="list-style-type: none">• Dr.Kavitha suggested to add one lab component related to simple chatbot creation using Python.
Resolution	After due deliberations, the board approved the syllabi.
Item - 02	Discussion on curriculum and syllabi for Part III - Core Courses for the third semester UG - 2022-2025 Batch





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Discussion	<p>224DA1A3CA : Data Base System Concepts</p> <ul style="list-style-type: none">The unified syllabus approved by Board of Studies in Data Analytics was placed for endorsement. <p>224CS1A3CA : Operating Systems</p> <ul style="list-style-type: none">The unified syllabus approved by Board of Studies in Computer Science was placed for endorsement. <p>224AI1A3CP : Programming in Java - Practical (Embedded)</p> <ul style="list-style-type: none">The Board members suggested to include programs for collections classes in Java. <p>224AI1A3SP- SEC Practical: SQL-PL/SQL</p> <ul style="list-style-type: none">Dr. Punithavalli suggested to include programs on sub-quires and views in SQL.
Resolution	The Board approved the syllabus.
Item - 03	Discussion on the syllabus for Part III - Inter Disciplinary Course (IDC) offered by other departments.
Discussion	<p>222MT1A3IF – IDC: Discrete Mathematics – IIIrd Semester</p> <p>232MT1A1ID – IDC: Mathematics for Computing I – Ist Semester</p> <ul style="list-style-type: none">The Syllabus approved by the Board of Studies in Mathematics was placed for endorsement.
Resolution	The Board unanimously approved the same.
Item -04	Discussion on Part I (Tamil/Hindi/French/Malayalam) offered by Language department for III Semester UG for 2022-2025 Batch
Discussion	<p>221TL1A3TA : Tamil-III, 221TL1A3HA : Hindi-III, 221TL1A3FA : French-III, 221TL1A3MA : Malayalam – III respectively</p> <ul style="list-style-type: none">The unified syllabus approved by the Board of Studies in Languages was placed for endorsement
Resolution	The Board unanimously approved the syllabi.
Item -05	Discussion on Part II (English) offered by English Department for III Semester UG for 2022-2025 Batch
Discussion	<p>221EL1A3EA : Professional English III</p> <ul style="list-style-type: none">The unified syllabus approved by the Board of Studies in English was placed for endorsement
Resolution	The Board approved the syllabus.
Item -06	Discussion on curriculum and syllabi following R5 Regulations for Part III - Core Courses for the first semester UG - 2023-2026 Batch
Discussion	<p>234AI1A1CA: Problem Solving and Programming in C</p> <p>234AI1A1CP: C Programmming (Practical)</p> <ul style="list-style-type: none">Dr. Adri Jovin suggested to practice some real-time use cases to inculcate logic building in practical courses <p>234IT1A1CA: Digital Computer Fundamentals</p>





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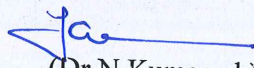
	<ul style="list-style-type: none">The unified syllabus approved in the Information Technology Board of Studies was placed for endorsement
Resolution	The Board approved the syllabus.
Item-07	Discussion on Part I (Tamil/Hindi/French/Malayalam) offered by Language department for I Semester UG for 2023-2026 Batch
Discussion	231TL1A1TA : Tamil-I, 231TL1A1HA : Hindi-I, 231TL1A1FA: French-I 231TL1A1MA : Malayalam – I respectively <ul style="list-style-type: none">The unified syllabus approved by the Board of Studies in Languages was placed for endorsement
Resolution	The Board approved the syllabus.
Item -08	Discussion on Part II (English) offered by English Department for I Semester UG for 2023-2026 Batch
Discussion	231EL1A1EA : English I <ul style="list-style-type: none">The unified syllabus approved by the Board of Studies in English was placed for endorsement
Resolution	The Board approved the same.
Item -09	Discussion on Part IV (AECC) Environmental Studies for 2023-2026 Batch
Discussion	233MB1A1AA: Environmental Studies <ul style="list-style-type: none">The unified syllabus approved by the Board of Studies in Microbiology was placed for endorsement.
Resolution	The Board approved the syllabus
Item - 10	Discussion on credits for Part V Extension Activity for 2023-2026 Batch
Discussion	<ul style="list-style-type: none">One credit to be awarded for participation in YRC/RCC//NSS/ RRC/Yoga/Sports/Clubs
Resolution	The Board members accepted the same.
Item - 11	Discussion on VACC for the A.Y 2023 - 2024
Discussion	<ul style="list-style-type: none">The syllabi of the VACC on Analytics using R was discussed
Resolution	The Board approved the same.
Item - 12	Any other matters
Discussion	<ul style="list-style-type: none">The board members discussed and recommended the Panel of Examiners
Resolution	The Board approved the same.

The Chairman of the Board of Studies (BoS) thanked all the members for their active participation and for providing their valuable suggestions.

Date: 09.06.2023



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(Dr.N.Kumaresh) 9/6/23

BoS Chairman / HoD
Department of Artificial Intelligence and Machine Learning
Dr. N.G.P. Arts and Science College
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Syllabus Revision - New Course

Faculty: Computer Science

Board: Artificial Intelligence and Machine Learning

Course Code / Name: 224AI1A3CP / Programming in Java

Semester: III

Unit	Course Content
I	Introduction – Data Types - Variables – Operators - Strings – Input and Output - Control flow – Arrays – Objects and Classes – Static Fields and Methods – Method Parameters – Object Construction. a) Simple Java programs to demonstrate the use of language fundamentals. b) Programs to demonstrate the Classes, Objects, and Constructors in Java. c) Programs to implement the Method and Constructor overloading. d) Programs to demonstrate the use of Scanner class
II	Classes, Super Classes and Sub Classes - Polymorphism – Casting – Abstract Classes – Interfaces: Properties – Interface Concepts - Lambda Expressions – Inner Classes. a) Demonstrate Single, Multilevel and Hierarchical Inheritance in Java. b) Programs to implement Abstract classes with example. c) Program to implement Interface using extends keyword. d) Develop programs using static and private inner classes.
III	Dealing with Errors – Catching Exceptions – Tips for using Exceptions - Packages: Package Names – Class Importation – Static Imports – Adding classes into Packages - Package Access. a) Study and Implementation of Checked Exceptions. b) Study and Implementation of Unchecked Exceptions. c) Programs to demonstrate Packages in Java.
IV	Introduction to Threads - Thread States – Properties – Synchronization – GUI : Java User Interface Toolkits – Displaying Frames – Displaying Information – Event Handling – API. a) Program to implement thread using runnable interface. b) Program to creating multiple threads and setting priorities. c) Demonstrate the producer-consumer problem. d) Create a simple GUI application in Java.
V	JDBC: Architecture - JDBC - ODBC - Types of Drivers - Components - Interfaces and classes - Steps for querying the database with JDBC. Collections: Java Collections Framework – Interfaces in Collections – Concrete Collections. a) Programs to implement JDBC connectivity. b) Programs to demonstrate the interfaces in collections. c) Programs to implement the concrete collection classes.

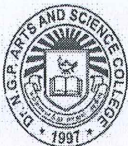
PERCENTAGE OF SYLLABUS REVISED: 100 %

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 type="checkbox"/>	Social Awareness/ Environment	<input type="checkbox"/>	Constitutional Rights/ Human Values/ Ethics



Dr. NGPASC
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Syllabus Revision - New Course

Faculty: Computer Science

Board: Artificial Intelligence and Machine Learning

Course Code / Name: 224AI1A3SP: SQL-PL/SQL

Semester: III

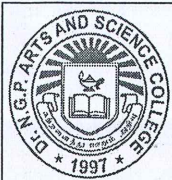
Prg. No	List of Programs
1	Draw the ER – Diagram for the following scenarios like Banking System, Hospital Management, Library Management and etc...
2	Demonstration of DDL commands of SQL with suitable examples.
3	Implementation of DML commands of SQL with suitable examples.
4	Implementation of different types of function (Number Function ,Aggregate Function, Character Function, Conversion Function , Date Function) with suitable examples.
5	Implementation of different types of operators in SQL.
6	Study and Implementation of Sub-queries and Views.
7	Study and Implementation of different types of constraints.
8	Study and Implementation of Group By, having clause, Order by clause and Indexing.
9	Implement a PL/SQL block to check number is odd or even.
10	Implement a PL/SQL block to reverse the string.
11	Implement a PL/SQL block to swap two numbers.
12	Study and Implementation of Rollback, Commit, Savepoint.

PERCENTAGE OF SYLLABUS REVISED: 100 %

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 type="checkbox"/> Social Awareness/ Environment	<input type="checkbox"/> Constitutional Rights/ Human Values/ Ethics





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ATTENDANCE OF THE THIRD BOARD OF STUDIES MEETING

Faculty: Computer Science


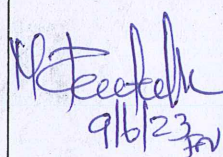
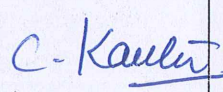
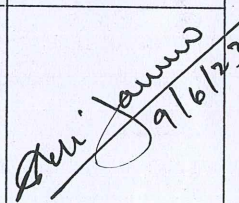

Board: Artificial Intelligence and Machine Learning

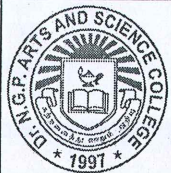
Venue: IQAC Board Room

Date: 09.06.2023

Time : 11.00 a.m

The following members were present for the board of studies meeting

S. NO.	NAME	DESIGNATION	SIGNATURE
1	Dr.N.Kumaresh Associate Professor and Head Department of Artificial Intelligence and Machine Learning Dr. N.G.P. ASC	Chairman	 9/6/23
2	Dr.M.Punithavalli Professor Department of Computer Applications Bharathiar University Coimbatore	VC Nominee	 9/6/23
3	Dr.C.Kavitha Assistant Professor (Selection Grade) Department of Computer Science and Engineering PSG College of Technology Coimbatore	Subject Expert	
4	Dr.J.J.Adri Jovin Associate Professor Department of Information Technology Sri Ramakrishna Institute of Technology Coimbatore	Subject Expert	 9/6/23
5	Mr.K.Anandakumar IOT Specialist Robert Bosch and Business Solutions Coimbatore	Industrial Expert	- ABSENT -
6	Dr.N.Kuppuchamy HoD - Department of Tamil Dr. N.G.P. ASC	Co-opted Member	 9/6/23



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7	Dr.R.Vithya Prabha HoD - Department of English Dr. N.G.P. ASC	Co-opted Member	<i>R. V. P.</i> 9/6/23
8	Dr.R.Sowrirajan HoD - Department of Mathematics Dr.N.G.P ASC	Co-opted Member	<i>R. S.</i> 9/6/23
9	Dr.N.Sathya Associate Professor Department of Artificial Intelligence and Machine Learning, Dr. N.G.P. ASC	Member	<i>N. S.</i> 9/6/23

Date :09/06/2023

(Signature)
9/6/23

(Dr.N.Kumaresh)

BoS Chairman / HoD

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