VSB College of Engineering Technical Campus

Approved by AICTE, New Delhi & Affiliated to Anna University
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NEWS LETTER

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

ACADEMIC YEAR 2022-2023
(EVEN SEM APR/MAY-2023)

V.S.B

COLLEGE OF ENGINEERING
TECHNICAL CAMPUS

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Affiliated to Anna University Chennai,
Accredited by NBA (CSE, ECE & EEE)
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UGC with 2(f) & 12(B) & ISO
9001:2015 Certified Institution

DEPARTMENT OF
ARTIFICIAL INTELLIGENCE & DATA SCIENCE

The Department of Artificial Intelligence and Data Science is a cutting-edge academic institution dedicated to exploring and advancing the frontiers of technology and information. This department serves as a hub for interdisciplinary research, bringing together experts in computer science, statistics, mathematics, and various other fields to tackle complex challenges in the realms of artificial intelligence (AI) and data science. With a mission to foster innovation and contribute to the ever-evolving landscape of technology, the department plays a crucial role in shaping the future of intelligent systems and data-driven decision-making.

One key focus of the department is the development of advanced AI algorithms and models. Researchers and students collaborate on projects that push the boundaries of what is possible in machine learning, natural language processing, computer vision, and other AI subfields. Through these endeavors, the department aims to not only advance the theoretical foundations of AI but also to create practical applications that can have a meaningful impact on industries such as healthcare, finance, and autonomous systems.

Data science, another cornerstone of the department's activities, involves the extraction of valuable insights from vast datasets. Faculty and students in this department engage in the exploration of innovative data analytics techniques, data visualization methods, and data-driven decision-making processes. By leveraging the power of big data, the department contributes to solving real-world problems and improving the efficiency of various sectors, from business to healthcare.

The department is also committed to fostering a collaborative and inclusive learning environment. Students have the opportunity to work closely with faculty members on research projects, gaining hands-on experience in applying AI and data science concepts to solve complex problems. The curriculum is designed to provide a strong foundation in both theoretical principles and practical skills, ensuring that graduates are well-prepared for the demands of the rapidly evolving technology landscape.

In addition to academic pursuits, the department actively engages with industry partners and participates in collaborative research initiatives. This real-world connection ensures that the knowledge generated within the department has practical applications and contributes to the development of technologies that address the needs of society. Overall, the Department of Artificial Intelligence and Data Science stands as a beacon of innovation, shaping the future of technology and playing a pivotal role in the global advancement of AI and data science.

ARTIFICIA
INTELLIGENC

HEAD OF THE DEPARTMENT

DR.R.MURUGADOSS
HOD

Welcome to the Department of Artificial Intelligence, established in 2021 as a pioneering force in technological innovation. Our vision is to be recognized as a leading institution, combining educational excellence with a commitment to serving industry needs. With a focus on nurturing students into exceptional professionals and entrepreneurs, our dynamic faculty and hardworking students contribute to a vibrant work culture. We believe in cultivating self-reliance, confidence, and commitment, ensuring our graduates make indelible marks nationally and internationally in the evolving field of Artificial Intelligence. Best of luck to all on this transformative journey!

In our dynamic Department of Artificial Intelligence, we foster a balance of intellectual and practical experiences to equip students for diverse societal challenges. Comprising diligent students and an expert faculty, we emphasize self-reliance and commitment to contribute to the advancement of our field. We are confident that our students will showcase high levels of professional competence, exceeding expectations and making significant contributions to the exciting landscape of Artificial Intelligence. Best wishes to all on this journey of innovation and excellence!

VISION & MISSION

VISION
TO OFFER A QUALITY EDUCATION IN INFORMATION TECHNOLOGY, ENCOURAGE LIFE- LONG LEARNING AND MAKE GRADUATES RESPONSIBLE FOR SOCIETY BY UPHOLDING SOCIAL VALUES IN THE FIELD OF EMERGING TECHNOLOGY.

MISSION
THE DEPARTMENT STRIVES TO CONTRIBUTE TO THE EXPANSION OF KNOWLEDGE IN THE DISCIPLINE OF INFORMATION TECHNOLOGY AND AIMS:

TO PRODUCE GRADUATES WITH SOUND TECHNICAL KNOWLEDGE AND GOOD SKILLS THAT PREPARE THEM FOR A REWARDING CAREER IN PROMINENT INDUSTRIES.

TO PROMOTE COLLABORATIVE LEARNING AND RESEARCH WITH INDUSTRY, GOVERNMENT AND INTERNATIONAL ORGANIZATIONS FOR CONTINUOUS KNOWLEDGE TRANSFER AND ENHANCEMENT.

TO PROMOTE ENTREPRENEURSHIP AND MOULD THE GRADUATES TO BE LEADERS BY CULTIVATING THE SPIRIT OF SOCIAL AND ETHICAL VALUES.

PROGRAMME EDUCATIONAL OBJECTIVES

PEO 1: INFORMATION TECHNOLOGY GRADUATES WILL HAVE SUCCESSFUL CAREERS WITH HIGH LEVEL OF TECHNICAL COMPETENCY AND PROBLEM-SOLVING SKILLS TO PRODUCE INNOVATIVE SOLUTIONS FOR INDUSTRIAL NEEDS.

PEO 2: GRADUATES WILL HAVE GOOD PROFESSIONALISM, TEAM WORK, EFFECTIVE COMMUNICATION, LEADERSHIP QUALITIES AND LIFE-LONG LEARNING FOR THE WELFARE OF MANKIND.

PEO 3: GRADUATES WILL BE FAMILIAR WITH RECENT TRENDS IN INDUSTRY FOR DELIVERING AND IMPLEMENTING INNOVATIVE SYSTEM IN COLLABORATION.

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

UNIVERSITY RESULT ANALYSIS
(EVEN SEM– Apr/ May 2023)

Result Analysis

S. No	Year / SEM	No of Students				Pass %
		Appeared	Passed	Failed	With held	
1	II/IV	58	21	37	-	36.21%
2	I/II	94	78	16	-	82.98%
Overall Pass %		152	99	53	--	65.13%

Subject-wise Result Analysis of Anna University Examinations (EVEN SEM- Apr/May 2023)

Class/ Semester: II Year / IV Semester **Batch: 2021-2025**

S. No	Subject Code	Subject Name	Handled by	Appeared	Passed	Failed	Pass %
				Number of Students			**Pass %**
1.	MA3391	Probability and Statistics	Mr. G. Jagadeesh (GJ)	58	21	37	36.20%
2.	AL3452	Operating System	DR.S.V. Divya (DR.SVD)	58	56	02	96.55%
3.	AL3451	Machine Learning	Dr.R.Murugadoss (Dr.RM)	58	47	11	81.03%
4.	AD3491	Fundamentals of Data Science and Analytics	Mr.S.ArunKumar(SA)	58	43	15	74.13%
5.	CS3591	Computer Networks	Mrs.D.S.Jayakumari (DJS)	58	55	03	94.82%
6.	GE3451	Environmental Sciences and Sustainability	Dr.S.Sasireka (SS)	58	49	09	84.48%
7.	AD3411	Data Science and Analytics Laboratory	MR.S.Arunkumar (SA)	58	58	nil	100%
8.	AL3461	Machine Learning Laboratory	Mr.C.Kalaimuthan (CK)	58	58	nil	100%

Number of students passed all the subjects:	21
Overall pass (%):	29.31%
Number of students failed in 1 Subject	18
Number of students failed in 2 Subject	9
Number of students failed in 3 and more Subjects	10

Subject- wise Result Analysis of Anna University Examinations (EVEN SEM- Apr/May 2023)

Class Semester: I Year /II Semester **Batch: 2022-2026**

S. No	Subject Code	Subject Name	Number Of Students			Pass %
			Appeared	Passed	Failed	
1.	HS3252	Professional English Ii	94	93	1	98.93%
2.	MA3251	Statistics And Numerical Methods	94	86	8	91.48%
3.	PH3256	Physics For Information Science	94	86	8	91.48%
4.	BE3251	Basic Electrical And Electronics Engineering	94	90	4	95.74%
5.	GE3251	Engineering Graphics	94	93	1	98.93%
6.	AD3251	Data Structure Design	94	90	4	95.74%
7	GE3252	Tamil	94	91	3	96.80%
8	GE3251	Engineering Practical	94	94	0	100%
9	AD3271	Data Structure Design Laboratory	94	94	0	100%
10	GE3272	Communication Laboratory Foreign Language	94	94	0	100%

Number of students passed all the subjects:	75
Overall pass (%):	96.91%
Number of students failed in 1 Subject	14
Number of students failed in 2 Subject	1
Number of students failed in 3 and more Subjects	4

NPTEL STARS JAN-APR 2023

II/IV Sem TOPPERS

JAYABHARATHI.B

HANUSH.S

ADITHYA.K

I/II Sem TOPPERS

CHANDRAMUKHI

NIVETHA

ARCHANA

STUDENT ACHIEVEMENTS

STAFF ACHIEVEMENTS

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(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
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(57) Abstract :
An Adequate self-esteem of schoolchildren is formed under the influence of the teacher's standards and value judgments. If these influences are negative, they lead to the formation of low self-esteem, cause lack of self-confidence in the student, resulting in a decrease in learning motivation and interest in learning; Changes in interpersonal relationships within the class group help in raising the status of students. The positive or negative attitude of classmates towards an individual student depends on the extent to which positive or negative teaching influences and evaluations are applied to him. Through assessments, the teacher educates school students, influencing their approach to learning, work skills, and self-demand. He grows, and if he does it right, their care, diligence and perseverance allow you to truly evaluate your progress and the progress of others. It develops their self-awareness to the right level and creates motivation in school students. Any evaluation that the student perceives as fair, be it positive or negative, affects intentions and becomes a stimulus for their actions and behavior in the future.

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thank
YOU
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much