

V.S.B. COLLEGE OF ENGINEERING TECHNICAL CAMPUS

(AN AUTONOMOUS INSTITUTION)
COMPATORE

AISPIRE

BEYOND DATA. BEYOND IMAGINATION.

DEPARTMENT OF

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

NEWSLETTER

SECOND EDITION FOR 2024-2025





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VSB College of Engineering Technical Campus (AUTONOMOUS), Coimbatore, is an esteemed autonomous institution dedicated to academic excellence and innovation. Approved by AICTE, New Delhi, and affiliated with Anna University, Chennai, the college is accredited by NBA for its Computer Science Engineering (CSE), Electronics and Communication Engineering (ECE), and (EEE) NAAC accreditation and is recognized by the UGC under high to Electrical programs and Electronics Engineering Additionally, it holds sections educational 2(f)and12(B),reflecting its standards and commitment continuous improvement.

As an ISO 9001:2015 Certified Institution, VSB College adheres to stringent quality management principles, ensuring superior educational offerings.

The autonomous status provides the flexibilitytodesign and implement a dynamic curriculum that aligns with industry needs, equipping students with the skills and knowledge required forprofessional success. The institution foster a innovation, research, and holistic development, preparing students to make significant contributions to society and excel in their careers.



V.S.B

COLLEGE OF

ENGINEERING TECHNICAL CAMPUS

ApprovedbyAICTE, New Delhi,Affiliatedto AnnaUniversity Chennai, Accredited byNBA (CSE, ECE & EEE) Accredited by NAAC,Recognized by UGC with 2(f) & 12(B) & ISO 9001:2015 Certified Institution



EPARTMENTOF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

ACADEMIC YEAR 2025-2026

(ODD SEMESTER)

NEWS LETTER

ABOUT

The Department of Artificial Intelligence and Data Science is a dedicated advancing dynamic earning exploring to the frontiers a dedicated advancing dynamic learning exploring to the frontiers hub and of technology and data. It serves as a collaborative space where professionals and learners from fields like computer science, mathematics, engineering, and statistics come together to solve complex challenges in Al and data science.

With innovation a mission to drive the algorithms and data analysis department plays a key role in techniques. Teams of research shaping the future of intelligent enthusiasts work to push the data-driven and progress, systems boundaries of Al in areas suc and data driven solutions.



A primary focus is on developing cutting-edge machine learning algorithms and data analysis techniques. Teams of researchers and enthusiasts work to push the boundaries of Al in areas such as robotics, natural language understanding, predictive modeling, and more, aiming

to create impactful solutions for industries like healthcare, finance, and environmental sustainability. By merging theory with practice, department aims to revolutionize data use to solving global issues for and enhancing decision – making.

Dr. R MURUGADOSS



HEAD OF THE DEPARTMENT

Remarkable Leadership

Our department, established in 2021, integrates academic expertise with industry partnerships to develop toptier professionals in the field.

Withastrong emphasis on independence and dedication, we equip drive graduates meaningful advancements in the everchanging world of Al. Wishing you success on your path forward!

VISION & MISSION

Vision:

To emerge with technological excellence to nurture talents and instigate research skills with social responsibilities in the domain of Data Science.

Mission:

- Empower students with knowledge through experiential learning
- 2. Tocreatea conducive ambience for learningthrough exposuresin latest in cutting-edge technology collaboration with industries.
- 5.To provide individual attention and enable character building. Instil lifelong learning andencourage entrepreneurial skills among students



End Semester Examination Results Apr/May -2025

Department overall result: 456/526 = 88.78%

The Department of Artificial Intelligence and Data Science demonstrated strong performance in recent end-semester exams, achieving an 85.22% pass percentage. This reflects the department's commitment to quality education and the students' dedication.

The success highlights both student capabilities and faculty expertise, showcasing the department's focus on innovative teaching and a comprehensive curriculum. This achievement positions the department as a leader, demonstrating its ability to produce successful graduates in the growing field of AI and Data Science.



Over All result Analysis- Apr/may 2024-2025(Odd Semester)

The recent semester results reflect a commendable overall pass rate of 85.22%, with a total of 527 students appearing for the examinations and 450 students successfully clearing them.

The final-year students (IV Year / VII Semester) stood out with an impressive 98.25% pass rate, demonstrating strong academic maturity and consistent effort.

Close behind, the second-year students transition challenges faced in the initial (II Year / III Semester) achieved aphase of college life. notable 94.35%, while while the third-year students (IIIYear/VSemester) securedOverall, the results showcase a solid 91.58%

Although first-year students (I Year / I Semester) recorded a lower pass rate of 75.40%, it highlights the common



The dedication of both students and faculty, and offer valuable direction for further academic enhancement and support.

	S.No	YEAR/SEM		Pass			
			Appeared Passed		Failed	%	
- Second	1	I YEAR/ I SEM	252	190	62	75.40%	
	2	II YEAR/ III SEM	123	117	7	94.35%	
	3	III YEAR/ V SEM	95	87	8	91.58%	
	4	IV YEAR / VII SEM	57	56	1	98.25%	
	Overall Perc	entage	527	450	77	85.22%	

Year wise result Analysis- Apr/May 2025-2026(EVEN Semester) I yr/ II Semester

Sl.No.	Subject Code	Name of the Subject	No. of Students Appeared	No. of Students passed	No. of Students failed	Pass (%)
1	24MAT101	MATRICES AND CALCULUS	252	207	45	82.14%
2	24GET101	PROBLEM SOLVING AND PYTHON PROGRAMMING	251	243	8	96.82%
3	24PHT101	ENGINEERING PHYSICS	251	218	33	86.85%
4	24CYT101	ENGINEERING CHEMISTRY	252	247	5	98.01%
5	24HST101	PROFESSIONAL ENGLISH-1	252	252	0	100%
6	24GET102	HERITAGE OF TAMIL	252	241	11	95.63%
7	24GEP101	PROBLEM SOLVING AND PYTHON PROGRMMING LAB	252	252	0	100%
8	24BSP101	PHYSICS/CHEMISTRY LAB	252	252	0	100%
9	24GEP102	COMMUNICATION LAB	252	252	0	100%

The results for eight subjects showcase a commendable academic performance Notably, the Problem Solving and Python Programming Laboratory, Physics Laboratory Chemistry Laboratory, attained perfect pass rates of 100%. Subjects like Problem Solving, Engineering physics and Python Programming achieved impressive pass rates of 96.82%, 86.85%, 98.01%, respectively.

Year wise result Analysis- Nov/Dec 2024-2025(Odd Semester) I yr/ I Semester

Number of students passed all the subjects:	190
Overall pass (%):	75.39%
Number of students failed in 1 subject:	27
Number of students failed in 2 subjects:	24
Number of students failed in 3 or more subjects:	11

While most subjects reflected outstanding results, Matrices and Calculus recorded the lowest pass rate at 82.14%, indicating room for improvement. The consistent success across lab and language-based courses suggests effective teaching and student engagement.

Overall, the academic results reflect a strong foundation in both technical and communication skills, and the high success rate is a positive indicator of the students' preparedness and the institution's commitment to quality education.

Year wise result Analysis- Nov/Dec 2024-2025(Odd Semester) Il yr/ III Semester

Sl.No.	Subject Code	Name of the Subject	No. of Students Appeared	No. of Students passed	No. of Students failed	Pass (%)
1	MA3354	DISCRETE MATHEMATICS	124	124	0	100%
2	CS3351	DIGITAL PRINCIPAL AND COMPUTER ORGANIZATION	124	122	2	98.38%
3	AD3391	DATABASE DESIGN AND MANAGEMENT	124	124	0	100%
4	AD3351	DESIGN AND ANALYSIS OF ALGORITHMS	124	122	2	98.38%
5	AD3301	DATA EXPLORATION AND VISUALIZATION	124	122	2	98.38%
6	AL3391	ARTIFICIAL INTELLIGENCE	124	122	2	98.38%
7	AD3381	DATABASE DESIGN AND MANAGEMENT LAB	123	123	0	100%
8	AD3311	ARTIFICIAL INTELLIGENCE LAB	123	123	0	100%
9	GE3361	PROFESSIONAL DEVELOPMENT	124	124	0	100%

Out of 124 students appearing for each subject, the overall academic performance has been highly commendable. Five subjects — Discrete mathematics, Database Design And Management, Artificial Intelligence Professional Development— recorded a perfect 100% pass rate, highlighting exceptional outcomes. Digital Principal And Computer Organization, Design and Analysis Of Algorithms, Data Exploration And Visualization and Artificial Intelligence also showed a strong performance with a 98.38% pass percentage.

Year wise result Analysis- Nov/Dec 2024-2025(Odd Semester) Il yr/ III Semester

Number of students passed all the subjects:	117
Overall pass (%):	94.35%
Number of students failed in 1 subject:	4
Number of students failed in 2 subjects:	1
Number of students failed in 3 or more subjects:	1

The consistent success across lab and language-based courses suggests effective teaching and student engagement. Overall, the academic results reflect a strong foundation in both technical and communication skills, and the high success rate is a positive indicator of the students' preparedness and the institution's commitment to quality education.



Year wise result Analysis- Nov/Dec 2024-2025(Odd Semester) III yr/ V Semester

Sl.No.	Name of the Subject	No. of Students Appeared	No. of Students Absent	No. of Students passed	No. of Students failed	Pass (%)
1	Deep Learning	58	0	54	4	93.10%
2	Data and Information Security	58	0	50	8	86.20%
3	Distributed Computing	58	0	51	7	87.93%
4	Big Data Analytics	58	1	57	-	100%
5	Cloud Computing	58	0	58	-	100%
6	Data warehousing	58	0	58	-	100%
7	Deep Learning Laboratory	58	0	58	-	100%
8	Summer Internship / Seminar	58	0	58	-	100%

Out of 58 students, 45 passed all subjects, yielding an overall success rate of 73.33%. Five subjects—"Big Data Analytics," "Cloud Computing," "Data Warehousing," "Deep Learning Laboratory," and "Summer Internship/Seminar"—achieved a perfect pass rate of 100%, demonstrating outstanding performance. "Deep Learning" had a high pass rate of 93.10%, while "Distributed Computing" and "Data and Information Security" followed with 87.93% and 86.20%, respectively.

Year wise result Analysis- Nov/Dec 2024-2025(Odd Semester) III yr/ V Semester

Number of students passed all the subjects:	45
Overall pass (%):	71.42%
Number of students failed in 1 subject:	11
Number of students failed in 2 subjects:	5
Number of students failed in 3 or more subjects:	2

The results for eight subjects showcase a commendable academic performance. Notably, the "Big Data Analytics" and "Cloud Computing" attained perfect pass rates of 100%. Subjects like "Deep Learning" and "Data And Information Security" achieved impressive pass rates of 93.10% and 86.20%, respectively. Overall, with a 71.42% pass rate and 45 students passing all subjects, the results highlight significant student success and a positive learning environment.



Year wise result Analysis- Nov/Dec 2024-2025(Odd Semester) IV yr/ VII Semester

Sl.No.	Subject Code	Name of the Subject	No. of Students Appeared	No. of Students passed	No. of Students failed	Pass (%)
1	GE3791	HUMAN VALUES AND ETHICS	56	56	1	98.24%
2	GE3751	PRINCIPLES OF MANANGEMENT	57	57	0	100%
3	AI3021	IT IN AGRICULTURAL SYSTEM	57	57	0	100%
4	OHS352	PROJECT REPORT WRITING	57	57	0	100%

According to Mark Analytics, the class average marks reflect outstanding academic performance: Human Values and Ethics – 98.24%, Principles of Management – 100%, IT in Agricultural Systems – 100%, and Project Report Writing – 100%. These results highlight the collective dedication and excellence of the entire class. Principles Of Management also showed a strong performance with a 100% pass percentage, followed by IT In Agricultural System and Project Report Writing with 100% respectively.

Overall, the results showcase the dedication of both students and faculty, and offer valuable direction for further academic enhancement and support. The final-year students (IV Year / VII Semester) stood out with an impressive 98.24% pass rate, demonstrating strong academic maturity and consistent effort.

TOPPERS IV year / VII Semester









III year / V Semester







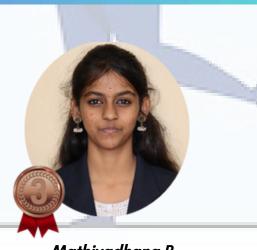
II year/ III Semester





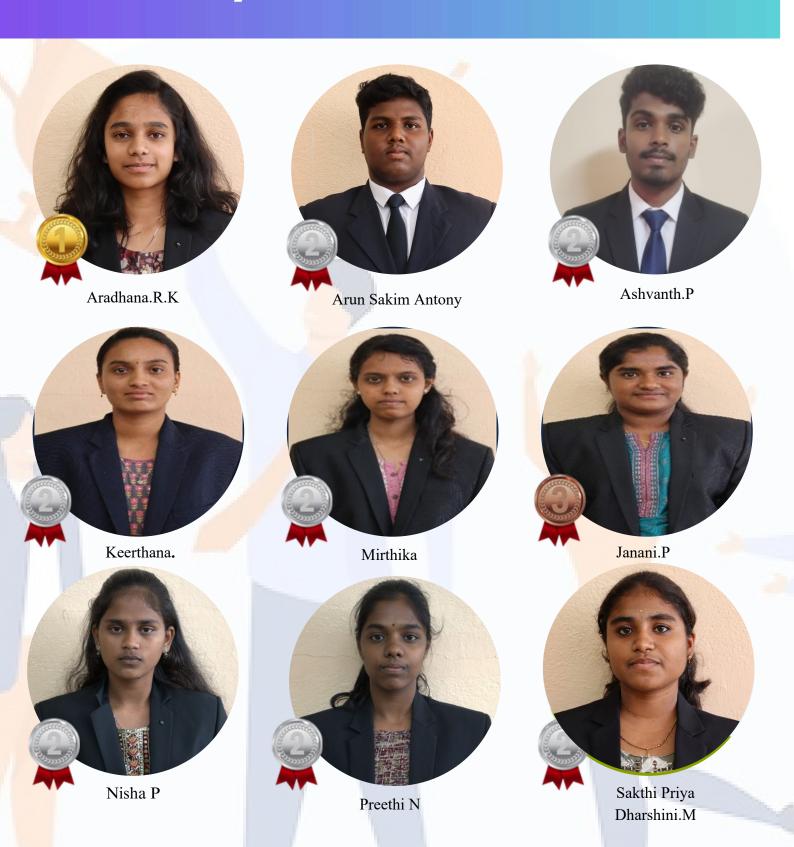


Jayashree K



Mathivadhana P

I year / II Semester



Our Artificial Intelligence & Data Science students have excelled once again, achieving top ranks in their academic pursuits. Their dedication and hard work have set a high standard, making us proud and reinforcing our commitment to academic excellence and innovation in the field of AI and Data Science.

Patent publish

(12) PATENT APPLICATION PUBLICATION

The Patent Office Journal No. 12/2025 Dated 21/03/2025

TotalNo.Of.Patentpublished - 18

We are proud to announce that our Finalyear students have successfully transformed them Project into a patent—a remarkable achievement dedication, that reflects their innovation, and technical excellence.

This milestone not only showcases their hard work but also adds value to our institution's legacy of fostering research and creativity.

Congratulations to the entire team on this outstanding accomplishment!!

NPTEL Certifications





Skill India



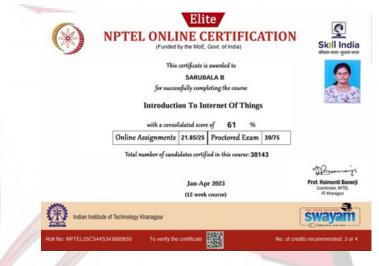






NPTEL Certifications

















We proudly recognize our students who have excelled certifications, in demonstrating expertise their continuous academic NPTEL dedication learning to and excellence.

Congratulations to our elite achievers for their performance, inoutstanding showcasing fields of study. diverse





We also commend all students who have successfully completed NPTEL courses, reflecting their commitment to enhancing their skills and knowledge in their chosen disciplines. Your achievements inspire us all and highlight the spirit of excellence that defines our academic community.

Inter College Event Participations























The prize winner of our Al&DS department has demonstrated exceptional academic innovative thinking, and a strong passion for technology. With consistent dedication to learning and a proactive approach to projects and research, they have set a benchmark of excellence among peers. Their contributions to team activities, problemsolving challenges, and data science initiatives have made them a standout achiever, truly deserving of this recognition.

Faculties who achieved 100% Results









JAYAKUMARI D

THEOPHILUS F

MURUGALAKSHMI V



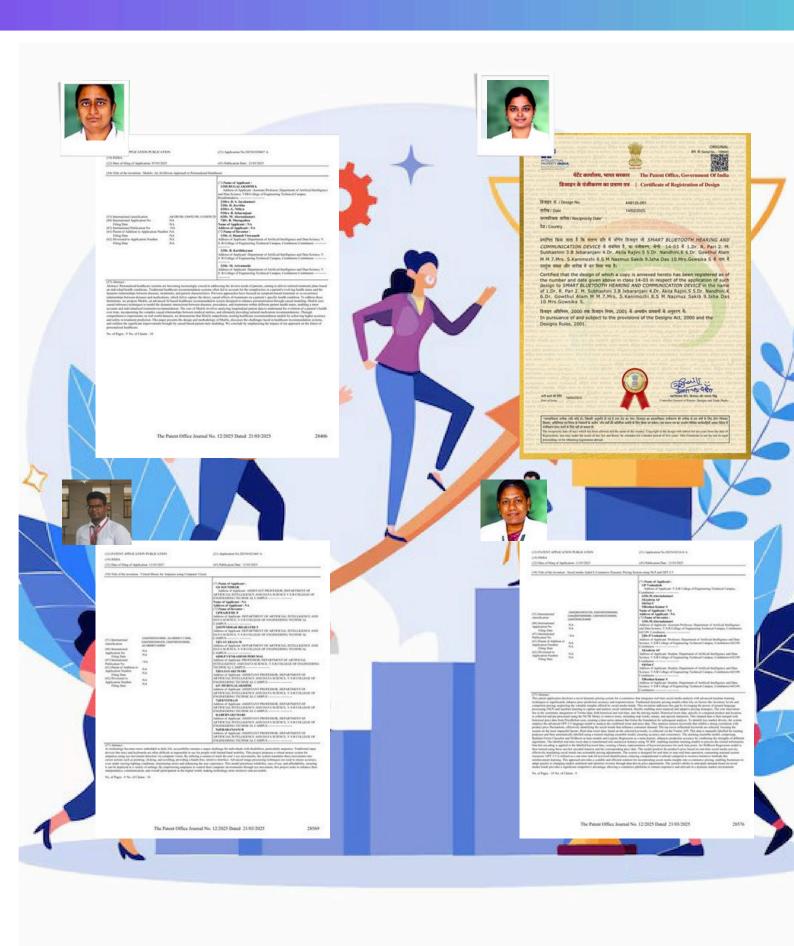
ABERNAKUMARI M



Patent Publications / FDP / NPTEL















FACULTY MEMBERS

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DICKSON IRUDAYARAJ.V
PRABHU.S
WINSTON.PAUL D
AJITHA KALA.D S
SAHAYA SUGANYA PRINCES.P

The Department of Artificial Intelligence and Data Science proudly recognizes the remarkable achievements of its students and faculty in both learning and innovation. Numerous members have completed NPTEL certifications across key domains, reflecting their commitment to continuous skill development. Additionally, the successful publication of patents highlights the department's focus on research and real-world problem-solving. These accomplishments underscore our dedication to academic excellence, innovation, and a forward-thinking learning environment.

Building on these milestones, the department continues to foster a vibrant ecosystem that encourages interdisciplinary collaboration and entrepreneurial thinking. Regular workshops, seminars, and hackathons provide platforms for students and faculty to explore emerging technologies, share knowledge, and engage with industry leaders. The integration of practical, hands-on learning with a strong theoretical foundation equips our graduates with the tools they need to excel in rapidly evolving tech landscapes.

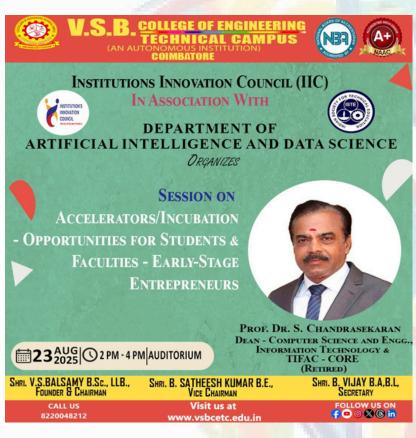
PLACEMENTS







Innovation Event



The department of Artificial Intelligence and V.S.B College Data of Engineering Campus signed Technical Memorandum of Understanding on August 23, 2025.Prof. Dr. S. Chandrasekaran had completed his B.E degree in Electronics andCommunication Engineering Institute Coimbatore of Technology, University of Madras in the year 1980 and completed his Masters in Computer Science and Engineering from N.I.T. Engineering Regional College, Tiruchirappalli, INDIA. He was awarded Ph. D degree by Anna University in the area of Fault Tolerant Computing towards Reliability Enhancement in the year 2004.

About Training Trains

Software is dedicated to nurturing tech talent through comprehensive training modules in software development, project execution, and real-world application building.

They are known for their emphasis on professional grooming, innovation, and hands-on mentoring.





Focus Areas of the MoU

- Providing technical AI, data science, programming. training programs tailored for students programing
- Enabling real-time project experience under the guidance of industry professionals.
- Conducting faculty training workshops to keep the teaching force in tune with modern industry practices.
- Facilitating career readiness programs and placement assistance.

Vision for Impact

This MoU plays a pivotal role in shaping the professional identity of students by making them and confident, competent, industry-ready.

With access to expert training and industry projects, students are better positioned to lead in their careers and contribute to of the tech-driven world tomorrow.

Sports day & Annual day



Where Our Fafents Took the Stage

Our department's studentsalso demonstrated outstanding athletic spirit during the college Sports Day, participating in events such as track and field, volleyball, throwball, badminton, and relay races. With grit and determination, they earned medals and brought glory to the department. Sports Day was a reminder that strength, discipline, and teamwork are not just taught in classrooms, but lived on the field.

Our students lit up the stage with dynamic dance performances, soulful music, drama, anchoring, and backstage coordination, making the department proud. Their contributions brought life and energy to the grand celebration of culture, tradition, and unity. Saaral 2K25 was a platform where our students transformed their passions into unforgettable performances, leaving the audience inspired and entertained.



EDITORIAL CREDITS



CHANDRAMUGI.P.S

IV- YEAR



LIKETHAN.K.J
III- YEAR



ROSHAN.M.R II- YEAR

THANK YOU