



V.S.B. ENGINEERING COLLEGE

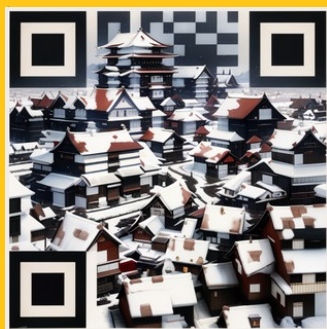
(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

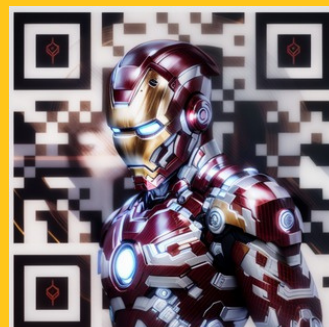
An ISO 9001:2015 Certified Institution

Accredited by NAAC, NBA Accredited Courses

ARTIFICIAL INTELLIGENCE & DATA SCIENCE



<https://www.vsbec.com/ai-ds/>



<https://www.youtube.com/@VSBECAIDS>



ABOUT OUR DEPARTMENT

The Artificial Intelligence and Data Science department is integral to many engineering branches. The department was established in the year 2021 and has well-qualified and experienced faculty members who are specialists in Database, Computer Architecture, Operating Systems, Deep Learning, Machine Learning, Information Security, and Statistics. They actively involve themselves in research activities in the field of their specialization. They have published several papers in Journals and Conferences of National and International repute.

The department encourages students to participate in numerous symposiums and present papers. Students are also made to undergo in-plant training programs, where they hone their technical skills in the realm of computers. The undergraduate course offered by the department is B.TECH. in Artificial Intelligence and Data Science. It started with 60 seats in 2021 and the intake was increased from 60 to 120 in 2022

VISION

To attain exceptional standards of quality education, the approach involves leveraging cutting-edge tools, fostering a culture of collaboration, and disseminating innovations tailored to the needs of students and industry. This initiative is designed to contribute significantly to societal advancement by aligning educational practices with the evolving landscape of academia and industry.

MISSION

- *The goal is to cultivate adept professionals specializing in the fields of Artificial Intelligence and Data Science.*
- *The objective is to provide education of high quality with a focus on values, contributing to the advancement of computing, expert systems, and Data Science. The aim is to elevate satisfaction levels among all stakeholders through innovation in these domains.*
- *Our commitment is directed towards applying the latest advancements in both high-performance computing hardware and software.*
- *Our focus is on the development of software tailored for peripheral computing devices, including printers, modems, and scanners.*



Shri. V.S. Balsamy
Founder - Chairman

CHAIRMAN'S MESSAGE

Mr. V.S. Balsamy, B.Sc., L.L.B., a leading luminary, has 31 years of bright standing in the field of law. He is the recipient of "Indira Gandhi Sadhbavana Award" from Global Economic Council, New Delhi.

He was also honoured with "The Best Humanitarian Award" in 2005. VSB Educational Trust was founded by him as the Founder-Trustee in the year 2000. He started V.S.B. Engineering College in Karur in the year 2002 and V.S.B. College of Engineering-Technical Campus in Coimbatore in the year of 2012. He, the Correspondent of VSB Group of Institutions, lays emphasis on 'Hard Work'. As he strongly believes that "HARD WORK IS THE KEY TO SUCCESS", it is conceived as the motto of the Institutions

WORDS FROM THE CHAIRMAN'S DESK

In order to reach its pinnacle of glory, our institution, a temple of study and a representation of discipline, favors education of the highest quality and variety available, and it has established itself as a benchmark among all Indian institutions. The college administration, faculty, and all other staff members collaborate to grade our institution at the very top of the educational ladder. We quickly met all the requirements set by the university's standards for students. Our V.S.B. Engineering College is always given a reward. To join the V.S.B. Educational family and graduate with distinction as professionals of the future, I extend a warm welcome to all students who strive for academic and moral excellence.

HOD MESSAGE



We must make sure that our young ones remain disciplined and motivated. From the beginning, there should be clear expectations on attitude and academic standards, encouraging the students to set realistic goals. Assure them that their department will be available to them if they have any queries or concerns. Promote a development attitude to see setbacks as chances to learn through seminars and other resources that teach good time management techniques. Create a welcoming atmosphere where youngsters may feel supported. Celebrate their success, no matter how little, and stress the connection of the course material to real-world situations. Encourage contemplation and self-evaluation for personal development. Finally, be a role model for the students we teach by setting an example of discipline and commitment.

FACULTY DETAILS



R.SARANYA

ME/CSE

**A.RAAJYA
VARDHINI**

ME/CSE





R.SUGANYA

ME/CSE



S.KAMALI
ME/CSE






R.MUTHUCHEL VAN
ME/CSE


PAPER PUBLISHED FACULTY




DR.D.ANANDAN





Home / Journals / CMES / Vol.142, No.1, 2025 / 10.32604/cmcs.2024.057214



Computer Modeling in Engineering & Sciences

 Submit a Paper

 Propose a Special Issue

 Open Access

REVIEW

Advancements in Liver Tumor Detection: A Comprehensive Review of Various Deep Learning Models

Shanmugasundaram Hariharan¹, D. Anandan², Murugaperumal Krishnamoorthy³, Vinay Kukreja⁴, Nitin Goyal⁵, Shih-Yu Chen^{6,7,*}

1 Department of Artificial Intelligence and Data Science, Vardhaman College of Engineering, Hyderabad, 501218, India

2 Department of CSE, V.S.B College of Engineering, Karur, 639111, India

3 Department of Electrical and Electronics Engineering, Vardhaman College of Engineering, Hyderabad, 501218, India

4 Centre for Research Impact & Outcome, Chitkara University, Rajpura, 140401, Punjab, India

5 Department of Computer Science and Engineering, School of

PATENT AND JOURNAL PUBLISHED FACULTY



Mrs.SUGANYA

**MACHINE LEARNING - BASED RESOURCE ALLOCATION
FOR INDUSTRIAL IOT**

APPLICATION NUMBER : 202441047384

PUBLISHED DATE : 05/07/2024

Mrs.A.RAAJYA VARDHINI

**INTELLIGENT AI WITHIN A METAMODEL CONTROL
SYSTEM FOR FINANCIAL CRISIS MANAGEMENT
SYSTEM,IEEE CONFERENCE**



Congratulations

Student's Achievements





**BEST
OUTGOING STUDENT
(PEGA)
VARSHINI M**

**HACKATHON X
CYBER SECURITY
1STPRIZE
MOHAMED AJMAL K**



**HACKATHON X
CYBER SECURITY
1STPRIZE
LAKSHAN SJ**

Sports Achievements



KABADDI WINNER VIMAL



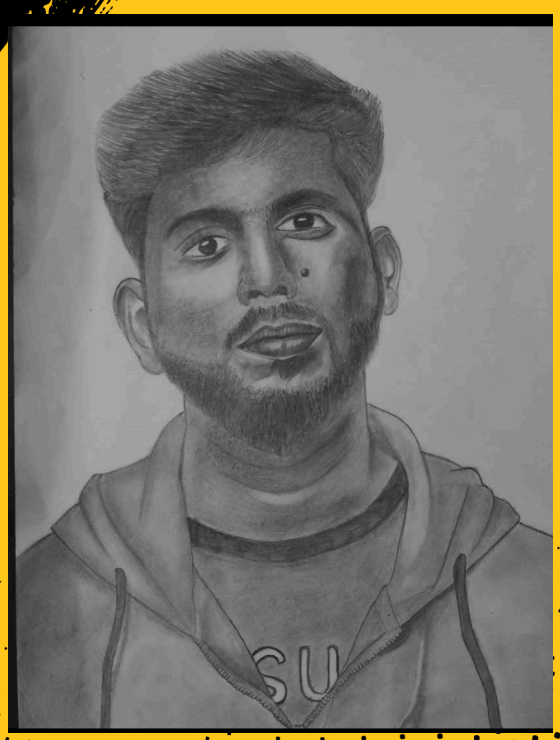
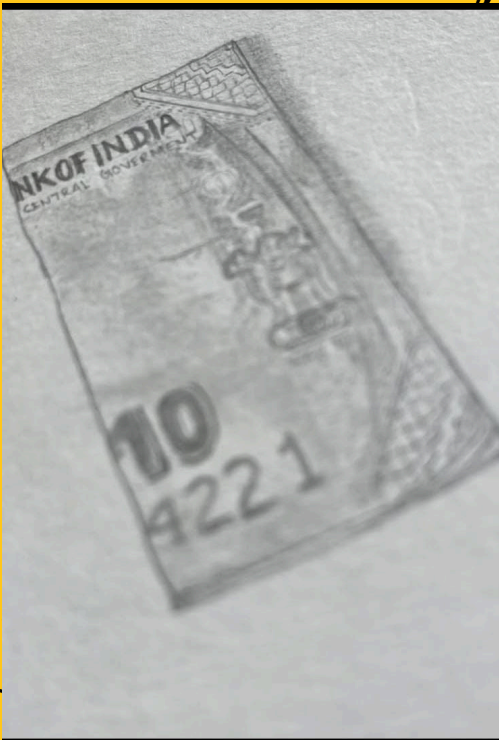
YOGASANA CHAMPION HARISHMANIKANDAN R



SKETCHING



ART BY
N.DEVARAJ
2ND YEAR



INNOVATIVE EVENTS



V.S.B. ENGINEERING COLLEGE, KARUR

(AN AUTONOMOUS INSTITUTION)

Anna University Recognized Research Institute

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

NBA Accredited Courses, Accredited by NAAC



DEPARTMENT OF IT / CSE / AI & DS



Organizes

WEBINAR ON

**GEN AI IMPLEMENTATION
ON MODERN TECHNOLOGIES**



**SATURDAY
19.10.2024**

11.30 A.M.
TO
12.30 P.M.



RESOURCE PERSON

Mr. Giridharan Murugesan

Data Management and Modernization Leader
Gen pact, **BENGALURU.**



V.S.B. ENGINEERING COLLEGE, KARUR

(AN AUTONOMOUS INSTITUTION)

Anna University Recognized Research Institute

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

NBA Accredited Courses, Accredited by NAAC



DEPARTMENT OF IT / CSE / AI & DS



Organizes

WEBINAR ON

**ENFORCEMENT OF "SAAS"
CLOUD SERVICE MODEL
IN SOFTWARE INDUSTRY'S**



RESOURCE PERSON

Mr. AJITHKUMAR RADHAKRISHNAN
Expert Systems Engineer
Hewlett Packard Enterprise (HPE),
BENGALURU.




**FRIDAY
22.11.2024**

12:00P.M. TO
01:00 P.M.




ONLINE


NPTEL TOP SCORERS



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)


Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to
SUJITHA C
for successfully completing the course



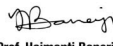
Google Cloud Computing Foundations


with a consolidated score of **70** %


Online Assignments	23.58/25	Proctored Exam	46.35/75
--------------------	----------	----------------	----------


Total number of candidates certified in this course: 6940

Aug-Oct 2024
(8 week course)



Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur


Indian Institute of Technology Kharagpur



FREE ONLINE EDUCATION
swayam
प्रशिक्षण सेवा, स्वयं सेवा

Roll No: NPTEL24CS131S652600408 To verify the certificate  No. of credits recommended: 2 or 3


SUJITHA C
GOOGLE CLOUD COMPUTING FOUNDATION
SCORE->70%



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)


Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to
SHEREYA B
for successfully completing the course



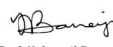
Google Cloud Computing Foundations


with a consolidated score of **64** %


Online Assignments	23.46/25	Proctored Exam	40.1/75
--------------------	----------	----------------	---------


Total number of candidates certified in this course: 6940

Aug-Oct 2024
(8 week course)


Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur


FREE ONLINE EDUCATION
swayam
प्रशिक्षण सेवा, स्वयं सेवा


Roll No: NPTEL24CS131S664100249 To verify the certificate  No. of credits recommended: 2 or 3

SHEREYA B
GOOGLE CLOUD COMPUTING FOUNDATION
SCORE->64%


NPTEL TOP SCORERS



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)


Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to
NIVEDHA S
for successfully completing the course




Google Cloud Computing Foundations


with a consolidated score of **62** %


Online Assignments	23.92/25	Proctored Exam	38.01/75
--------------------	----------	----------------	----------


Total number of candidates certified in this course: **6940**

Aug-Oct 2024
(8 week course)



Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur


Indian Institute of Technology Kharagpur




Roll No: NPTEL24CS131S55400263 To verify the certificate  No. of credits recommended: 2 or 3


NIVEDHA S
GOOGLE CLOUD COMPUTING FOUNDATION
SCORE->62%



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)


Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to
NIRANJAN
for successfully completing the course




Google Cloud Computing Foundations


with a consolidated score of **67** %


Online Assignments	23.33/25	Proctored Exam	43.75/75
--------------------	----------	----------------	----------


Total number of candidates certified in this course: **6940**

Aug-Oct 2024
(8 week course)


Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur


Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS131S661100285 To verify the certificate  No. of credits recommended: 2 or 3

NIRANJAN
GOOGLE CLOUD COMPUTING FOUNDATION
SCORE->67%

Overall INTERNSHIP AI&DS

NO OF STUDENTS

LIVEwireTM
FOR LIVE CAREERS

07



05



03



02

<code>nd/>
{Technologies}
Solution Without Compromise!

07

Overall INTERNSHIP AI&DS

NO OF STUDENTS



03



02



03



10



11

Overall result AI&DS



SEMESTER WISE RESULT

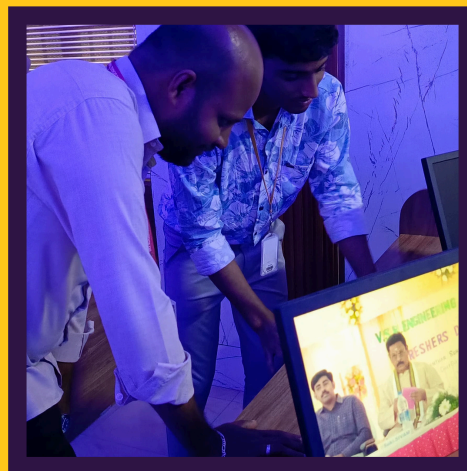
Academic year 2023-2024 (Even semester)-Apr/May 2023 Examination

CLASS/SEMESTR	TOTAL NO OF STUDENTS	TOTAL NO OF STUDENTS APPEARED	TOTAL NO OF STUDENTS PASSED	TOTAL NO OF STUDENTS FAILED	OVERALL PASS PERCENTAGE (%)
I/O2	122	121	99	22	81.82
II/O4	101	101	87	14	86.14%
III/O6	58	58	57	1	98.27%
TOTAL	281	280	238	42	88.74%

GEN GENIOUS SCIENCE AND TECHNOLOGY EXPO 2K24



EXPO 2024 AI&DS





**"YOUR IMAGINATION, COMBINED WITH AI, IS
THE ULTIMATE TOOL FOR TRANSFORMATION."**

Editors



Jagathesswaran



Harishraj

Thank You