



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

NEWS LETTER

ODD SEM (2K25 - 2K26)

ABOUT THE COLLEGE



V.S.B EDUCATIONAL TRUST WAS FOUNDED IN THE YEAR 2000 BY MR. V.S. BALSAMY, THE FOUNDER AND CHAIRMAN OF THE V.S.B ENGINEERING COLLEGE, WITH AN INTEREST IN PROMOTING, MANAGING AND ADMINISTRATING EDUCATIONAL INSTITUTIONS WITH HIGH ACADEMIC STANDARDS, DISCIPLINE AND TO TAKE UP AND HELP OTHER ALLIED ACTIVITIES IN THE FIELD OF EDUCATION. UNDER THE TRUST, V.S.B ENGINEERING COLLEGE, KARUR WAS ESTABLISHED IN THE YEAR 2002 AND V.S.B COLLEGE OF ENGINEERING TECHNICAL CAMPUS, COIMBATORE IN THE YEAR 2012. V.S.B. ENGINEERING COLLEGE STRIVES TO ACHIEVE ACADEMIC EXCELLENCE BY FUTURISTIC OUTLOOK IN THE FIELDS OF ENGINEERING AND TECHNOLOGY IN A WELL-DISCIPLINED ENVIRONMENT THROUGH :

- **Commitment to continual improvement in all areas**
- **Involvement of people at all levels**
- **Upgradation of infrastructure and human resources**

ABOUT THE DEPARTMENT



The Department of Information Technology was started in the year 2007 based on the need and demand of the IT industry, with a sanctioned intake of 60. The Department deals with the study, design, development, implementation and management of computer-based Information systems, particularly software applications and computer hardware. Information Technology (IT) is a general term that describes any technology that helps to produce, manipulate, store, communicate, and /or disseminate information. IT deals with the effective use of computer software to convert, store, protect, process, transmit and securely retrieve information. When computer and communication technologies are combined, the result is information technology or "InfoTech". IT Professionals will find their jobs in various key areas like Data Management, Networking, Hardware Maintenance, and Multimedia and Computer graphics, Communications, Web Technology, Software Designs, Management and Administration of Systems. The objective of the department is to prepare the students to face the challenges in the changing world.

PEO & PSO OF THE DEPARTMENT



PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1 :

To make graduates to be proficient in utilizing the fundamental knowledge of various streams in engineering and technology.

PEO 2 :

To enrich graduates with the core competencies necessary for applying knowledge of computers and technologies in the context of business enterprise.

PEO 3 :

To enable graduates think logically and to pursue lifelong learning to understand technical issues related to computing systems and to provide optimal solutions.

PEO 4 :

To enable graduates develop hardware and software system by understanding the importance of social, business and environmental needs in the social context.

PROGRAM SPECIFIC OUTCOME (PSOs)

PSO 1 :

Apply the mathematical and the computing knowledge to identify and provide solutions for computing problems.

PSO 2 :

Design and develop computer programs in the areas related to algorithms, networking, web design and data analytics of varying complexity.

PSO 3 :

Apply standard Engineering practices and strategies in software project using open source environment to deliver a quality product for business success.

VISION AND MISSION OF THE INSTITUTE

VISION :

We endeavour to impart futuristic technical education of the highest quality to the student community and to inculcate discipline in them to face the world with self-confidence and thus we prepare them for life as responsible citizens to uphold human values and to be of service at large.

MISSION :

We transform persons into personalities by the state-of-the-art infrastructure, time consciousness, quick response and the best academic practices through assessment and advice.

VISION AND MISSION OF THE DEPARTMENT

VISION:

To provide professional computing training to make competent IT engineers and thus prepare them to work in the emerging trends of information technology field

MISSION:

- ✦ Producing quality IT engineers with good technical knowledge by effective teaching.
- ✦ Making competent engineers to adapt to the dynamic needs of industries.
- ✦ Developing extensive learning skills in studies.
- ✦ Inculcating strong ethical values and professionalism to serve society with responsibility

1-YEAR
189

2-YEAR
183

IT STUDENTS
STRENGTH
738

3-YEAR
184

4-YEAR
182

CHAIRMAN'S MESSAGE



MR. V. S. BALSAMY
FOUNDER & CHAIRMAN

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 . 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:

Our Institution, a temple of learning and a hallmark of discipline, treads towards the zenith of glory by preferring the education of global standards in the best quality and variety, and substantiates to be a benchmark among all the colleges in India. The College Management, the members of the faculty and all other employees travail together with the resolution of grading our College at the topmost rung of the ladder of education. Within a short span of time, we have provided the students with all the requirements as necessitated by the University Norms. We give an impetus for ever to our V.S.B. Engineering College. I cordially greet all the students, who strive for academic and moral excellence, to be a part of the V.S.B.Educational family and to graduate successfully as world-class professionals. I do always solicit the entrepreneurs / recruiters to conduct campus recruitment drive in our institution and I assure that our students will ascertain their expertise in the organizations in which they are recruited for mutual development.

HOD'S MESSAGE



MANIVANNAN.K
III / IV HOD - IT

*"STRIVE FOR PERFECTION IN EVERYTHING YOU DO.
TAKE THE BEST THAT EXISTS AND MAKE BETTER.
WHEN IT DOES NOT EXIST, DESIGN IT."*

-SIR HENRY ROYCE

Over the past year, our students learned through remote modalities and in hybrid mode, which was undoubtedly a challenge in maintaining strong bonds among teachers and students, as well as among the students themselves. With gratitude, I can say that we continue to strive forward with the constant support of our students, teachers, parents, and alumni. This period also provided us with an opportunity to connect virtually with our alumni and parents. The department magazine stands as a reflection of our department's creativity and knowledge, and I believe that News Letter will bring out the expressiveness of the IT family. I applaud the department magazine in charge, the secretary, the editors, and their dedicated committee for their valuable endeavor in bringing out this issue.

*"SUCCESS IS NOT FINAL ; FAILURE IS NOT A
FATAL ; ITS IS THE COURAGE TO CONTINUE THE
COUNTS"*

-WINSTON CHURCHILL



SARANYA.R
I / II HOD - IT

It is a privilege to lead the Department of Information Technology at V.S.B. Engineering College. The department offers B.Tech. and B.Tech. (Honors) degree programs in Information Technology and is supported by a team of well-qualified, experienced, and highly motivated faculty members committed to preparing young minds for global competition. The students of the IT department are highly motivated and industry-ready, with hands-on experience in current technologies and programming

A.HOD'S MESSAGE




DR. AROCKIA MARY.P

*"THE FUTURE DEPENDS ON WHAT
YOU DO TODAY."*

- MAHATMA GANDHI

It is with immense pride and gratitude that I write this message for our department's annual magazine. As we gather here, through the pages of this publication, we are afforded the opportunity to celebrate the incredible journey of our department and its exceptional members. This past year has been a testament to the unwavering dedication and commitment of our faculty, staff, and students. Despite facing unprecedented challenges, we have not only persevered but also thrived.



*WHEN YOU CHANGE YOUR THOUGHTS, REMEMBER
TO ALSO CHANGE YOUR WORLD."*

-NORMAN VINCENT PEALE

MR.SATHYANARAYANAN.M

We may never know how much our words and deeds influence the lives around us. But we can choose daily to be a positive inspiration on others in a way that could change the rest of their lives. It is with this intention Department of Information Technology has planned the magazine ZREYAS and it was indeed a great pleasure to be a part of this journey. As you scan through, you will meet dedicated and talented students, in the pages of this issue. The budding talents in the department have expressed their ideas and talents in a creative way in the magazine.

LAB FACILITIES



IT LAB - 1

IT LAB - 2



RESEARCH
LAB

MOU'S



CENTRE OF EXCELLENCE





FACULTY

CONTRIBUTION

PATENT PUBLICATION

NAME	PUBLISHED
Mr.MANIVANNAN K	◇ CAMPUSLINK - THE INTERNAL LEARNING & TALENT ECOSYSTEM INTRODUCTION ➤ AN INTELLIGENT SYSTEM FOR AUTOMATED CLASSROOM ATTENDANCE AND ENGAGEMENT MONITORING USING COMPUTER VISION AND DEEP LEARNING
Dr.AROCKIA MARY P	GRAPHICAL DASHBOARD FOR AI BASED PLANT DISEASE PREDICTION SYSTEM
Mr.SRINIVAS B	AN SYSTEM AND METHOD FOR AN OFFLINE FIRST , ENCRYPTED CONTENT MANAGEMENT SYSTEM WITH CONFLICT FREE SYNCHRONIZATION
Mrs.SAFANAYASMIN	“ MACHINE LEARNING BASED ANALYSIS OF ORGANIZATIONAL POLITICAL BEHAVIOR AND JOB SATISFACTION IN HIGHER EDUCATIONAL INTUITIONS SAFEGUARDING REVENUE AN AUTOMATED GST FRAUD DETECTION SOLUTION

FACULTY NPTEL

NAME	COURSE
<i>Mr.K.MANIVANNAN</i>	<i>DEMYSTIFYING NETWORKING</i>
<i>Mrs.R.SARANYA</i>	<i>OUTCOME-BASED EDUCATION (OBE)</i>
<i>Dr.P.AROCKIA MARY</i>	<i>DATA STRUCTURES AND ALGORITHM</i>
<i>Mr.G.VIJAYAKUMAR</i>	<i>BIG DATA COMPUTING</i>
<i>Mr.R.E.FRANKLIN JINO</i>	<i>INTRODUCTION TO INTERNET OF THINGS</i>
<i>Dr.T.ANUPRADHIPA</i>	<i>DATA SCIENCE FOR ENGINEERS</i>

<i>NAME</i>	<i>COURSE</i>
Mrs.I.NANDHINI	<i>BIG DATA COMPUTING</i>
Mr.N.VINAYAGASWAMI	<i>INTRODUCTION TO PROGRAMING IN C</i>
Mrs. M.ANANTHI	<i>PROGRAMMING IN C</i>
Mr.D.VENGAIMARBHAN	<i>DISTRIBUTED SYSTEMS</i>
Mr. R. SULAIMAN	<i>DATA STRUCTURES AND ALGORITHM</i>
Mr. S. NELSON	<i>INTRODUCTION TO PROGRAMMING IN C</i>

BOOK PUBLICATION

NAME	PUBLISHED
<i>Dr.P.AROCKIA MARY</i>	<i>INNOVATIVE APPROACHES TO DESIGNING AND OPTIMIZING MOBILE ROBOTICS FOR ADVANCED COLLABORATION IN INDUSTRY 5.0</i>
<i>Mrs. M.ANANTHI</i>	<i>GENERATIVE AI AND CODE SYNTHESIS FRAMEWORKS FOR AUTOMATED SOFTWARE ENGINEERING AND DEBUGGING</i>

INNOVATIVE EVENT



**V.S.B.
ENGINEERING COLLEGE**
(AN AUTONOMOUS INSTITUTION)
KARUR
(Anna University Recognized Research Institute)



NAAC
Accredited



DEPARTMENT OF
IT/CSE/CSBS/AIML/CCE

Organizes

SEMINAR ON

CHALLENGES AND BEST
PRACTICES IN DEVOPS
TRANSFORMATION



IT ALUMNUS

Mr. BARATH JAYASEELAN

Senior Software Engineer
Odessa, Bangalore.

OFFLINE
MODE

DATE : 27-09-2025 | TIME : 10.00 AM - 11:00 AM
VENUE : SEMINAR HALL

SHRI. V.S. BALSAMY
CHAIRMAN

SHRI. B. SATHEESH KUMAR
VICE CHAIRMAN

SHRI. B. VIJAY
SECRETARY

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STUDENT ACTIVITIES



STUDENTS NPTEL



ELITE GOLD



PERIYASAMY N
III - IT B
PROGRAMMING IN JAVA



KADHIR KG
III - IT B
PROGRAMMING IN JAVA

ELITE SILVER



VARUNRAJ P
III - ITC
BIG DATA COMPUTING



PAVITHRA THANGADURAI
III - IT B
PROGRAMMING IN JAVA



KAVINKUMAR P
III - IT B
PROGRAMMING IN JAVA



MURUGAN A
III - IT B
PROGRAMMING IN JAVA

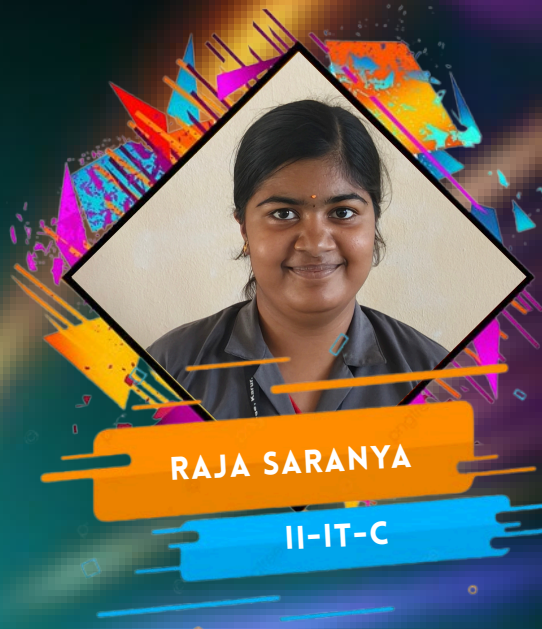


ART



THARIKA C

I-IT-C



RAJA SARANYA

II-IT-C



SAPTHA PREETHI S

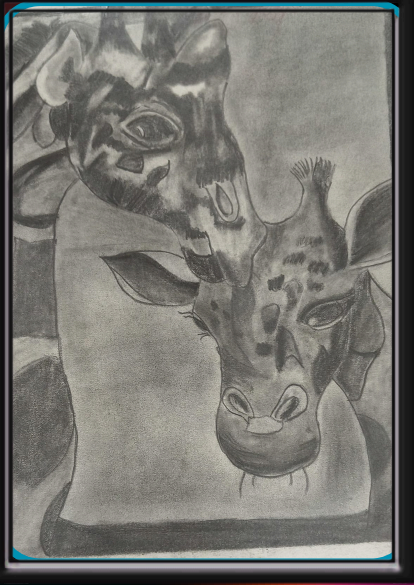
III-IT-C





SAMIKSHA

I-IT-C



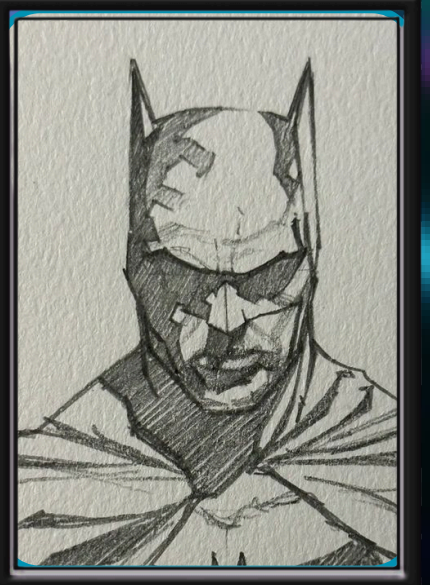
RITHIVIK A

I-IT-C



REVANTH R

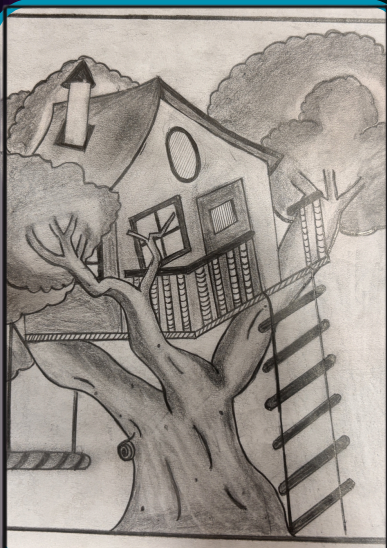
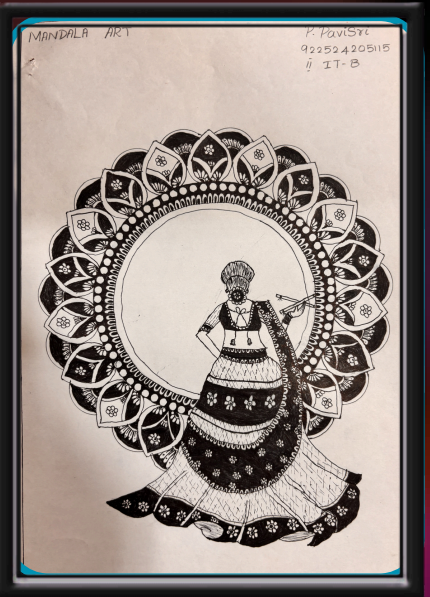
I-IT-C





PAVI SRI P

II-IT-B



BHARANIKA SREE S

II-IT-A



ARI HARA SANGAIAH T

II-IT-A



CRAFT

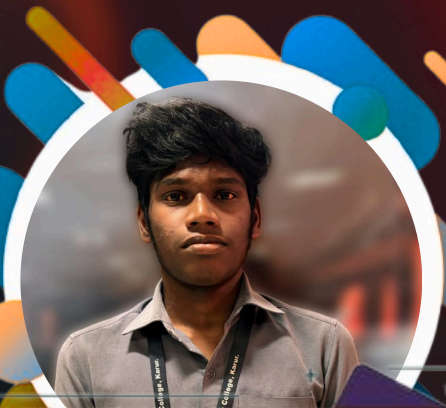




SUBHASRI L
I-IT-C



SANMATHI S
I-IT-C



YUVANESH P
II-IT-C



INDUVARSHA
II-IT-A



GOBIKA A
III-IT-A



VIJAY KUMAR K
III-IT-C

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AP/IT

MR. R.E. FRAKLIN JINO

AP/IT

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AP/IT

MR.T.KOSALAIRAMAN

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THILAK ATHITHYA G E
III-IT-C

WE ARE HONOURED TO PRESENT THE 1ST EDITION OF ZREYAS 2025 AND ARE HAPPY TO SEE THE AMOUNT OF ENTHUSIASM THAT OUR BRILLIANT MINDS HAVE TAKEN TO CONTRIBUTE TO THIS EDITION. WE THE TEAM OF ZREYAS STANDS AWED BY THE SHEER NUMBER ARTICLES, ARTWORKS. POEMS AND PHOTOGRAPHS THAT HAVE COME POURING IN FOR OUR MAGAZINE

I OWE MY SINCERE THANKS TO MR.K.MANIVANNAN SIR, FOR HIS EXPERT ADVICE AND SUPPORT WHEREVER NEEDED. I ALSO OWE MY SPECIAL THANKS TO MRS. R.SARANYA MAM OF IT FOR PLAYING A HUGE PART IN MAKING THIS MAGAZINE POSSIBLE. AND THANKS TO DR.P. AROCKIA MARY MAM MRS. NANDHINI MAM AS WELL AS ALL THOSE WHO HAVE RENDERED THEIR VALUABLE SUGGESTIONS AND PRECIOUS TIME FOR THE PUBLICATION OF ZREYAS 2025.



ARI HARA SANGAIAH T
II-IT-A

WE ARE HONOURED TO PRESENT THE NEWS LETTER AND ARE HAPPY TO SEE THE AMOUNT OF ENTHUSIASM THAT OUR BRILLIANT MINDS HAVE TAKEN TO CONTRIBUTE TO THIS EDITION. WE THE TEAM OF ZREYAS STANDS AWED BY THE SHEER NUMBER ARTICLES, ARTWORKS. POEMS AND PHOTOGRAPHS THAT HAVE COME POURING IN FOR OUR MAGAZINE



RISHIKESWARAN N
I-IT-C

THANK YOU!