



V.S.B. ENGINEERING COLLEGE

(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 COMPUTER AND COMMUNICATION ENGINEERING

NEWS LETTER
EVEN SEMESTER
2024-2025

.....**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.

"EDUCATION IS THE MOST POWERFUL WEAPON WHICH YOU CAN USE TO CHANGE THE WORLD."

– NELSON MANDELA

ABOUT THE CHAIRMAN



Shri. V.S.BALSAMY,
B.Sc., L.L.B.
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 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

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.

ABOUT THE

DEPARTMENT



The Department of Computer and Communication Engineering aims to equip the students with the ability and skills to analyze, design and develop computer and communication systems with its applications, with a curriculum that has a balanced emphasis on theory, practical and projects. The focus will be on development and strengthening of problem solving, analysis, design, research, team work and communication skills.

Department provides an opportunity of enriching the knowledge in areas of Artificial Intelligence, Machine Learning, Cloud Computing, Computer Networks, Embedded Systems, Internet of Things, Fundamental and advanced communication engineering.

"THE ART OF COMMUNICATION IS THE LANGUAGE OF LEADERSHIP."

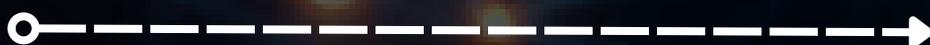
– JAMES HUMES

College 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. We strive to bring up the Institution as an Institution of Academic excellence of International standard.

College 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.

DEPARTMENT VISION



To groom students into futuristic, globally competent and socially responsible engineers who can address the engineering challenges in the advancement of Computer and Communication Engineering professionals.

DEPARTMENT MISSION

- To impart high quality professional training at the undergraduate level with an emphasis on basic principles of computer science and Communication engineering.
- To establish nationally and internationally recognized research centres and expose the students to broad research experience.
- To empower the students with the required skills to solve the complex technological problems of modern society and also provide them with a framework for promoting collaborative and multidisciplinary activities.
- To impart moral and ethical values, and interpersonal skills to the students.

PEO'S

- Pursue career in multinational organizations, higher studies at premier institutions and to establish start-ups.
- Acquire core competencies in Computational technologies and Communication Engineering with exposure to latest software tools.
- Exhibit professional skills and collaborative work experience.

PSO'S

- Interpret and design systems using Internet of Things (IoT).
- Apply knowledge to solve problems in communication networks and improve efficiency.
- Develop efficient algorithms for real time systems.

HOD'S MESSAGE

Mr.R.R.JEGAN,M.E.,(Ph.D)

HOD/ DEPARTMENT OF CCE

**SUCCESS IS NOT FINAL, FAILURE IS NOT FATAL: IT IS THE
COURAGE TO CONTINUE THAT COUNTS.**

- WINSTON CHURCHILL

It is with great pride and joy that I present my message for this edition of our department magazine. At the heart of any academic institution lies its students—their ideas, curiosity, and drive for excellence. This magazine is a celebration of their spirit.

Our department has always aimed to create an environment where innovation is encouraged and individuality is nurtured. We believe in empowering students not just to learn, but to lead—to explore beyond textbooks, to question, to create, and to contribute meaningfully to the world around them .

This publication reflects the remarkable energy, creativity and insight of our student community, along with the mentorship and support of our dedicated faculty. The wide range of contributions showcases not only academic brilliance but also artistic expression, critical thinking, and a commitment to excellence .

I commend the editorial team and all contributors for bringing this edition to life with such passion and dedication. May this magazine continue to serve as a platform that inspires innovation, celebrates student voices, and strengthens our collective vision for the future .

With warm regards and best wishes to all .

A.HOD'S MESSAGE

Mrs.S.YUVARANI,M.E.,

.....
ASST.HOD/ DEPARTMENT OF CCE

**"DREAM, DREAM, DREAM. DREAMS TRANSFORM INTO THOUGHTS
AND THOUGHTS RESULT IN ACTION."**

– DR. A.P.J. ABDUL KALAM

It is a privilege to write a few words for this special edition of our department magazine. Every page of this publication reflects the vibrant minds, bold ideas, and growing confidence of our students – the true heartbeat of our department.

At its core, education is not just about acquiring knowledge, but about discovering possibilities. In that spirit, our department aims to nurture innovation, promote critical thinking, and provide every student the space to grow—not just as professionals, but as individuals with purpose.

This magazine is a celebration of that journey. It highlights the dedication of our students, the mentorship of our faculty, and the culture of learning we are proud to foster. From academic excellence to creative expression, each contribution here adds value to our collective story.

I extend heartfelt congratulations to the entire editorial team and all contributors. May this magazine continue to inspire, empower, and remind us all of the incredible potential within each student.

Wishing you all continued growth and success in all your endeavours.

EDITORIAL FACULTY

Mr.L.KARUPPASAMY,M.E.,(Ph.D)

ASST.PROFESSOR/ DEPARTMENT OF CCE

Welcome to the latest edition of our department newsletter! We're thrilled to share how we're continuing to drive academic excellence, innovation, and community spirit. This newsletter is your go-to for staying connected with all the latest happenings, remarkable achievements, and exciting opportunities within our department.

Inside, you'll discover inspiring stories about groundbreaking student projects and impactful faculty research. We've also included details on upcoming events and important announcements you won't want to miss. Whether you're a current student, a valued alumnus, or a dedicated faculty member, there's something here to keep you well-informed and engaged.

Our department thrives on the collective passion and dedication of everyone involved, and it's truly exciting to see how much we accomplish together. I encourage you to actively participate, share your brilliant ideas, and help us celebrate the vibrant community we build every single day.

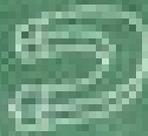
**"IF YOU DREAM AND IF YOU WORK HARD, DEFINITELY THAT DREAM WILL
BECOME A REALITY."**

- MYLSWAMY ANNADURAI

ABC

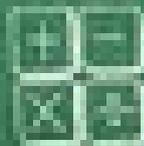
A^o

education



FACULTY

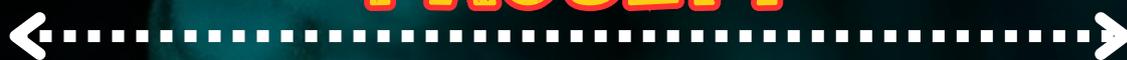
ACHIEVEMENTS



E = MC²



FACULTY



PUBLICATION DETAILS

S.NO	NAME	TITLE OF THE PAPER
1.	Mrs. S.YUVARANI	IMPLEMENTATION OF APPROXIMATE SOFTMAX FUNCTION FOR NEURAL NETWORK
2.	Mr. D.BASKAR	AUGMENTING DIABETIC EYE DISEASE DETECTION USING ADVANCED DEEP NEURAL NETWORK
3.	Mr. L.KARUPPASAMY	DESIGN AND IMPLEMENTATION OF AN AI-POWERED WEB APPLICATION FOR PERSONALIZED EDUCATION PATHWAY
4.	Mrs. S.PAVAIMALAR	AI-DRIVEN AUTONOMOUS ROBOTS FOR SEARCH AND RESCUE OPERATIONS IN DISASTER ZONES

FACULTY NPTEL

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CERTIFICATION DETAILS

S.NO	NAME	NAME OF THE COURSE
1.	Mrs. S.YUVARANI	DIGITAL SYSTEM DESIGN
2.	Mr. L.KARUPPASAMY	DATABASE MANAGEMENT SYSTEMS
3.	Mrs. S.PAVAIMALAR	DEEP LEARNING FOR NATURAL LANGUAGE PROCESSING

FACULTY

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PATENT DETAILS

S.NO	NAME	TITLE
1.	Mrs. S.YUVARANI	VENOMOUS SNAKE BITE DETECTION SYSTEM USING MACHINE LEARNING

DEPARTMENT

FACULTIES

- 1) **Mr.D.BASKAR,M.E.,(Ph.D)**

ASST. PROFESSOR

- 2) **Mr.L.KARUPPASAMY,M.E.,(Ph.D)**

ASST. PROFESSOR

- 3) **Mrs.S.PAVAIMALAR,M.E.,**

ASST. PROFESSOR

- 4) **Mr.S.SADEESHKUMAR,M.E.,**

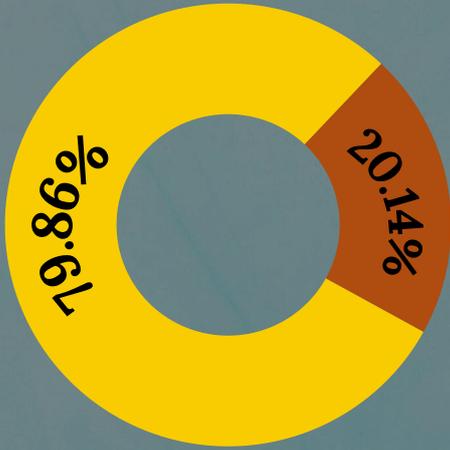
ASST. PROFESSOR

- 5) **Ms.R.JEEVA REKHA,M.E.,**

ASST. PROFESSOR

DEPARTMENT RESULTS

EVEN SEMESTER



**OVERALL PASS
PERCENTAGE = 79.86%**

S.NO	YEAR	PERCENTAGE
1.	I YEAR	79.86%
2	II YEAR	81.97%
3.	III YEAR	92.31%

100% RESULT PRODUCING FACULTY

S.NO	NAME	SUBJECT
1.	Mrs.S.PAVAIMALAR	DIGITAL MARKETING
2	Mr.S.SADEESHKUMAR	NETWORK SECURITY



STUDENTS

ACHIEVEMENTS



DEPARTMENT TOPPERS

I YEAR



RENITHA V M
CGPA : 9.10



SUBHASHINI V
CGPA : 8.85



PADMAVATHI S
CGPA: 8.69

II YEAR



NIVETHITHA S
CGPA : 9.17



LOGITHA P
CGPA :8.94



VINUSHA V
CGPA: 8.92

III YEAR



ASHMATHI K
CGPA: 8.88



PAUL DANIEL C
CGPA: 8.81



VISHAL R
CGPA: 8.53

STUDENTS NPTEL

←----->

CERTIFICATION DETAILS



DIVYABHARATHI E

III YEAR CCE



DHATCHAYANI K

III YEAR CCE



HARINI M

III YEAR CCE



NIVETHITHA S

III YEAR CCE



MONIKA T

III YEAR CCE



SELVARAGAVAN S

III YEAR CCE



SUBHASHINI R

III YEAR CCE



VIGNESH K

III YEAR CCE



PAUL DANIEL C

IV YEAR CCE

STUDENTS PASSED WITH ELITE CERTIFICATION

S.NO	NAME	NAME OF COURSE
1.	BOOPATHI P	DATA ANALYTICS WITH PYTHON
2.	LAKSHMIRAM S	DATA ANALYTICS WITH PYTHON
3.	PADMAVATHI S	DATA ANALYTICS WITH PYTHON
4.	SUBHASHINI V	DATA ANALYTICS WITH PYTHON
5.	BAVADHARANI R	PROGRAMMING IN JAVA
6.	DHARSHAN M	PROGRAMMING IN JAVA
7.	HAARIPPRIYAAH I	PROGRAMMING IN JAVA
8.	KABILAN J	PROGRAMMING IN JAVA
9.	LOGITHA P	PROGRAMMING IN JAVA
10.	LOHINTH B	PROGRAMMING IN JAVA

S.NO	NAME	NAME OF COURSE
11.	MONISHA B	PROGRAMMING IN JAVA
12.	JERUSHA P	PROGRAMMING IN JAVA
13.	RAGUL T	PROGRAMMING IN JAVA
14.	SRIRAM A	PROGRAMMING IN JAVA
15.	SUMITHA C	PROGRAMMING IN JAVA
16.	SURYA B	PROGRAMMING IN JAVA
17.	RAJKAMAL N	CLOUD COMPUTING
18.	SWETHA C	CYBER SECURITY AND PRIVACY
19.	BOOPATHY P	PROGRAMMING IN JAVA
20.	DHANUSHKUMAR K	PROGRAMMING IN JAVA
21.	SRIKANTH M	DATA STRUCTURES AND ALGORITHMS USING JAVA

TOTAL NUMBER OF STUDENTS PASSED IN NPTEL : 37

INTERNSHIP

DETAILS

S.NO	COMPANY NAME	NUMBER OF STUDENTS ATTENDED
1.	MICROSOFT	14
2.	TNPL	3
3.	BSNL	3
4.	ACCENTURE	3
5.	BHEL	1
6.	OTHERS	106

MEMBERSHIP

DETAILS



S.NO	NAME OF THE PROFESSIONAL SOCIETY	YEAR	NO.OF STUDENTS
1.	COMPUTER SOCIETY OF INDIA	IV YEAR	26
2.	THE INDIAN SOCIETY FOR TECHNICAL EDUCATION	III YEAR	61
3.	THE INDIAN SOCIETY FOR TECHNICAL EDUCATION	II YEAR	62



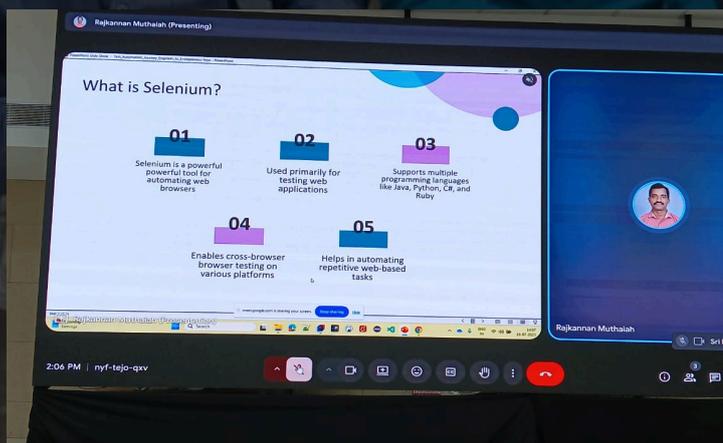
INNOVATIVE EVENT



Mr.M.RAJKANNAN

TEST AUTOMATION ENGINEER
PDI TECHNOLOGIES,CHENNAI.

As a Software Testing Engineer, I don't just test—I explore. I navigate through code with curiosity, creativity, and care. While innovation creates new possibilities, testing ensures those possibilities perform. In a world racing toward digital transformation, I stand as the silent innovator—preventing failure, enhancing performance, and protecting user trust. I challenge assumptions, break boundaries, and push products to their true potential. Testing isn't the end of development—it's the beginning of excellence. So here's to those who test, who question, who refine—because innovation without quality is just chaos in disguise. And we, the testers, turn that chaos into confidence.



ART WORKS





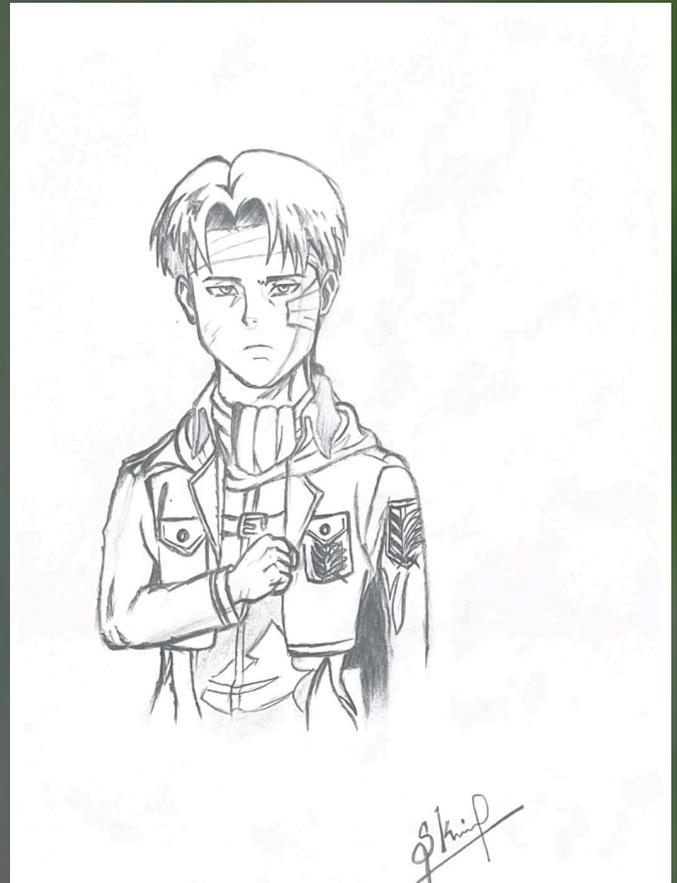
DHATCHAYANI K

III YEAR



SRIKANTH M

IV YEAR





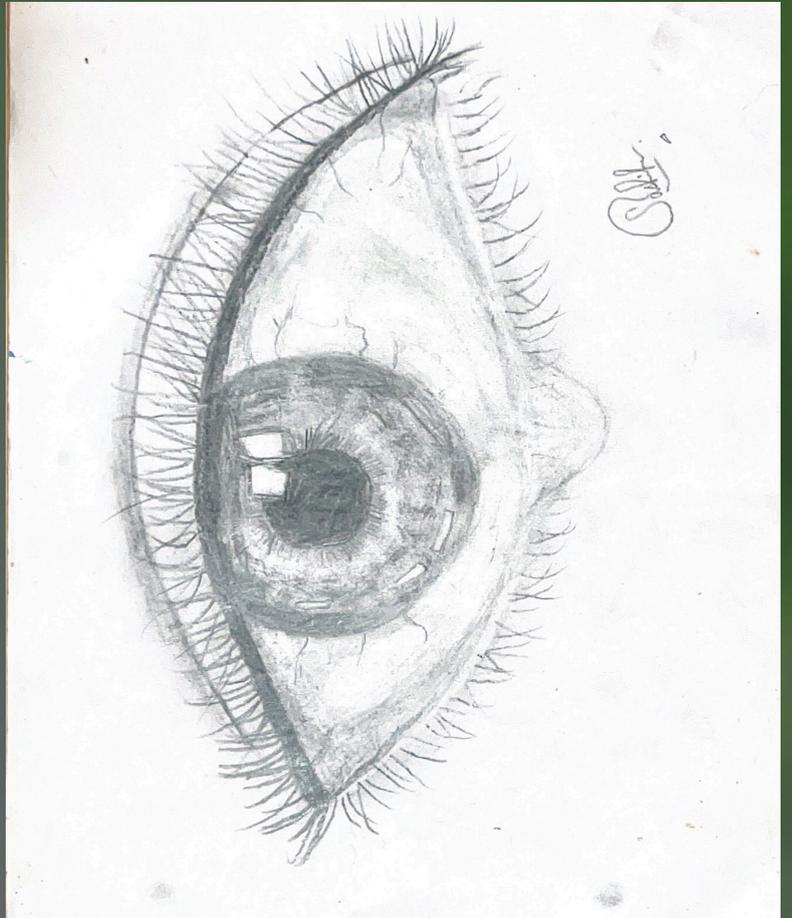
BAVADHARANI R

III YEAR



SASHIKA K N

II YEAR





PHOTOGRAPHY





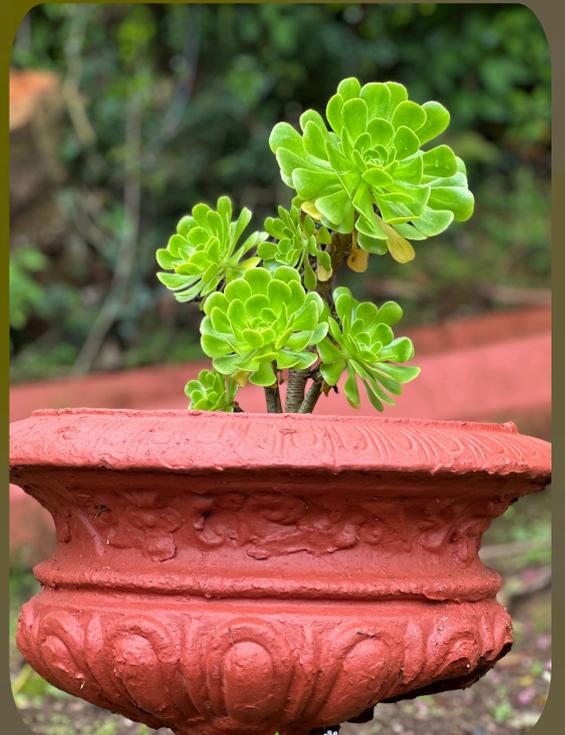
MATHI SHANKAR N S

III YEAR



DEEPANA C S

III YEAR



SANKARA NARAYANAN T

III YEAR





RAGUL T

III YEAR



NIGIL ADHITHYA C M

III YEAR



PRIYADHARSINI P

III YEAR



SPORTS



INTRA COLLEGE SPORTS CHAMPIONSHIP





SANTHOSH KUMAR S

III CCE

(ANNA UNIVERSITY TEAM CAPTAIN)

- YSPA STATE CHAMPIONSHIP (SOFTBALL) RUNNER UP
- NATIONAL LEVEL SOFTBALL MATCH -(RUNNER UP)

PRABANJAN S

III CCE

- YSPA STATE CHAMPIONSHIP (SILAMBAM- GOLD)



DHANUSHREE

III CCE

- YSPA STATE CHAMPIONSHIP (KABADDI) RUNNER UP





RITHIKAN T

II CCE

- YSPA STATE CHAMPIONSHIP (VOLLEY BALL- GOLD)

VIGNESH T

II CCE

- YSPA STATE CHAMPIONSHIP (VOLLEYBALL- GOLD)



SRIDHARAN R

II CCE

- YSPA STATE CHAMPIONSHIP (SOFTBALL) RUNNER UP



"DREAMS ARE NOT WHAT YOU SEE IN SLEEP. DREAMS ARE SOMETHING WHICH DOESN'T LET YOU SLEEP."

— SACHIN TENDULKAR

STUDENT

EDITORS



NIGIL ADHITHYA C M

III YEAR CCE

Thank you for trusting me with the opportunity to edit your work—it's been an enriching and rewarding experience. I'm truly grateful to be part of this creative journey and to help shape your words into something even more impactful.

Thank you for the chance to work on such engaging content—it's been a rewarding experience bringing clarity and polish to every detail. I'm grateful to have contributed to a project that values thoughtful expression and purposeful communication.



PRABANJAN S

III YEAR CCE



RAGUL T

III YEAR CCE

I'm truly thankful for the opportunity to serve as an editor—it's been a fulfilling experience shaping content that carries both meaning and impact. Your trust in my work has been deeply appreciated, and I'm honored to have been part of this journey.

EDITORS

BOARD

**CHIEF PATRON : SHRI.V.S.BALSAMY
B.SC.,L.L.B.,
CHAIRMAN**

**CHIEF EDITOR : Dr.C.VENNILA M.E., Ph.D.,
PRINCIPAL**

**CHIEF EDITOR : Dr.T.S.KIRUBASHANKAR
M.E., Ph.D.,
VICE PRINCIPAL**

**EDITOR : Mr.R.R.JEGAN,M.E.,(Ph.D)
HOD CCE**

**EDITOR : Mrs.S.YUVARANI,M.E.,
A-HOD CCE**

**FACULTY
COORDINATOR : Mr.L.KARUPPASAMY,
M.E.,(Ph.D)
ASST PROFESSOR**

*Thank
you*