

2022 - 2023

# NEWSLETTER



## COMPUTER SCIENCE AND BUSINESS SYSTEMS



**UNLOCK  
YOUR  
POTENTIAL  
HERE...**

V.S.B. Educational Trust was founded in the year 2000 by Mr. V.S. Balsamy, the founder and correspondent 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 was established in the year 2002 and V.S.B College of Engineering Technical Campus in the year 2012

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# **FOUNDER AND CHAIRMAN**



Shri.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***

**WARM GREETINGS!**

**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. WITH REGARDS,**

**SHRI.V. S. BALSAMY, B.SC., L.L.B.,  
FOUNDER & CHAIRMAN,  
VSB GROUP OF INSTITUTIONS.**

## ***ABOUT THE DEPARTMENT***

The Department of Computer Science and Business Systems (CSBS) is a relatively new department that focuses on the intersection of computer science and business. The department's curriculum is designed to prepare students for careers in a variety of fields, including software development, IT management, data analytics, and business intelligence. CSBS programs are often offered in collaboration with industry partners, which gives students the opportunity to gain real-world experience and learn about the latest trends and technologies. Upon graduation, CSBS students are well-prepared for careers in a variety of industries. The CSBS department is a growing field, and the demand for CSBS graduates is expected to continue to increase in the coming years. As businesses become increasingly reliant on technology, CSBS graduates will be in high demand for their skills in both computer science and business. CSBS graduates have the opportunity to work on the latest and greatest technologies, such as data analytics, machine learning, and artificial intelligence.

# VISION & MISSION

## VISION

*To produce professionals as industry ready in the field of computer science and business system with strong human values to serve the nation.*

## MISSION

*Offer a well-designed and updated curriculum that covers essential principles and practical skills in information technology. This should include technical knowledge, programming expertise, database management, network administration, cybersecurity, and emerging technologies. Ensure a balance between theoretical concepts and hands-on experience through practical assignments, projects, and internships.*

*Provide opportunities for students to develop their soft skills, including effective communication, teamwork, leadership, and emotional intelligence. Offer workshops and extracurricular activities that promote self-confidence, creativity, and problem-solving abilities.*

*Encourage students and faculty members to engage in research and innovation in the field of information technology. Provide resources and support for research projects, collaborations, and participation in national/international conferences. This will foster a culture of continuous learning, creativity, and technological advancement.*

*Embed the importance of ethical values, integrity, and social responsibility in the institution's culture. Encourage community service, social initiatives, and sustainable practices that contribute to the betterment of society.*

# PROGRAMME EDUCATIONAL OBJECTIVES

*PEO1: Choose a specific engineering discipline or field based on personal interest and market demand. Specializing in areas such as mechanical engineering, electrical engineering, civil engineering, chemical engineering, or computer engineering will allow for in-depth knowledge and expertise.*

*PEO2: Embrace a mindset of continuous improvement. Seek feedback, learn from failures, and strive for excellence in all aspects of engineering work. Continuously upgrade technical expertise, professional skills, and knowledge to stay ahead in a competitive industry.*

*PEO3: Develop strong problem-solving skills, a critical attribute for engineers. Enhance analytical thinking, logical reasoning, and systematic approaches to problem-solving through practice, case studies, and projects. This helps in formulating effective and efficient solutions for industrial problems.*

## PROGRAM SPECIFIC OUTCOMES

### *PSO1*

*Based on the identified requirements and process analysis, design BPM solutions that address the specific needs of the industry or social sector. This involves defining the desired state of the processes, documenting process flows, creating system specifications, and designing user interfaces.*

### *PSO2*

*Develop the BPM solutions based on the defined design and system specifications. This may involve custom development, configuration of BPM software, or integration with existing systems. Ensure a systematic approach to development, including thorough testing, debugging, and quality assurance.*

### *PSO3*

*Foster collaboration within the industry or social sector to share best practices and lessons learned in BPM. Encourage collaboration among organizations, academia, and relevant stakeholders to collectively seek innovative solutions and address common challenges.*

# PROGRAM OUTCOMES

- *PO1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems*
- *PO2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences*
- *PO3. Design/development of solutions : Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations*
- *PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions*
- *PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations*
- *PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice*
- *PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development*
- *PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice*
- *PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings*
- *PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions*
- *PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments*
- *PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change*

# HOD's MESSAGE



Mr.P.Anbumani M.E.,(Ph.D).

HOD CSE

*Discover excellence in our Computer Science and Engineering newsletter! Uncover faculty achievements, student successes, and alumni stories that inspire. Dive into cutting-edge research insights, tech trends shaping the future, and our vibrant industry collaborations. Stay in the loop with upcoming events, seminars, and workshops. Boost your coding skills with expert tips and tricks. Join us in fostering diversity and inclusion through exciting initiatives. Explore fun facts about the history of computing and pioneers who shaped the field. Experience the pulse of innovation and growth in just one newsletter!*



# LABORATORY FACILITIES

## PROGRAMMING LAB - I

### SERVER :

15.6" WIDE LCD SCREEN MONITOR  
MULTIMEDIA KEYBOARD AND MOUSE  
PROCESSOR: INTEL XEON 1.86 GHZ  
RAM: 1GB DDR II, HARD DISK: 320 GB

### CLIENT:

18.5" INCH MONITOR,  
MULTIMEDIA KEYBOARD, OPTICAL  
MOUSE LENOVO SYSTEMS: CORE I3  
PROCESSOR 3.0 GHZ  
RAM: 2 GB , HARD DISK: 500 GB



SIZE:- 175 SQR.MT



OVERALL AMBIENCE:- 60

## PROGRAMMING LAB - II

### SERVER:

15.6" WIDE LCD SCREEN MONITOR  
MULTIMEDIA KEYBOARD AND  
MOUSE PROCESSOR: INTEL XEON  
1.86 GHZ RAM: 1GB DDR II, HARD  
DISK: 320 GB

### CLIENT:

18.5" WIDE TFT MONITOR  
MULTIMEDIA KEYBOARD AND  
MOUSE PROCESSOR: INTEL CORE  
2DUO 2.93GHZ RAM: 1GB DDR III,  
HARD DISK: 320 GB



## PROGRAMMING LAB - III

### SERVER:

15.6" WIDE LCD SCREEN  
MONITOR MULTIMEDIA  
KEYBOARD AND MOUSE  
PROCESSOR: INTEL XEON 1.86  
GHZ RAM: 1GB DDR III, HARD  
DISK: 250 GB

### CLIENT:

18.5" WIDE TFT MONITOR  
MULTIMEDIA KEYBOARD AND  
MOUSE PROCESSOR: INTEL  
CORE2 DUO 2.93GHZ RAM: 1GB  
DDR III HARD DISK: 160 GB



SIZE:- 87.5 SQR.MT



OVERALL AMBIENCE:- 31

## PROGRAMMING LAB - IV

### SERVER:

17" WIDE MONITOR  
MULTIMEDIA KEYBOARD AND  
MOUSE PROCESSOR: INTEL DUAL  
CORE 2.33 GHZ RAM: 2GB DDR II,  
HARD DISK: 250 GB

### CLIENT:

18.5" INCH LED MONITOR, USB  
KEYBOARD AND MOUSE  
LENOVO SYSTEMS: COREI3  
PROCESSOR 3.30 GHZ  
RAM: 4 GB DDR III, HARD DISK: 500 GB



SIZE:- 87.5 SQR.MT



OVERALL AMBIENCE:- 31

## PROGRAMMING LAB - V

### SERVER:

15.6" WIDE LCD SCREEN MONITOR  
MULTIMEDIA KEYBOARD AND  
MOUSE PROCESSOR: INTEL XEON  
1.86 GHZ RAM: 1GB DDR III , HARD  
DISK: 250 GB

### CLIENT:

18.5" INCH MONITOR,  
USB KEYBOARD AND MOUSE  
LENOVO SYSTEMS : CORE3  
PROCESSOR, 3.30 GHZ  
RAM: 4 GB DDR III, HARD DISK: 500  
GB



SIZE:- 175 SQR.MT



OVERALL AMBIENCE:- 60

## PROGRAMMING LAB - VI

### SERVER:

17" WIDE MONITOR  
MULTIMEDIA KEYBOARD AND  
MOUSE PROCESSOR: INTEL DUAL  
CORE 2.33 GHZ RAM: 2GB DDR II,  
HARD DISK: 250 GB

### CLIENT:

18.5 INCH MONITOR,  
USB KEYBOARD AND MOUSE  
LENOVO SYSTEMS: CORE3  
PROCESSOR 3.30 GHZ  
RAM: 4 GB DDR III,  
HARD DISK: 500 GB



SIZE:- 175 SQR.MT



OVERALL AMBIENCE:- 60

# Department Result



Total Students : 51

Pass :31

Pass Percentage : 62.78%

# INNOVATIVE ACTIVITIES



**V.S.B ENGINEERING COLLEGE, KARUR**  
Approved by AICTE, New Delhi - Affiliated to Anna University, Chennai  
NBA Accredited Courses NAAC & TCS Accredited Institution  
Department of CSE cordially invites you for

**Digital Marketing Webinar 2022**

JOIN THIS NEW CREATIVE SESSION

RESOURCE PERSON  
**Mr.R. Karthikeyan**  
DIGITAL MARKETER  
MI MEDIA LABS, COIMBATORE

**Venue**  
AUDITORIUM

AUGUST 27  
1 PM TO 2 PM  
SATURDAY

**RESOURCE PERSON:-**  
**Mr.R. Karthikeyan**  
**DIGITAL MARKETER MI MEDIA LABS,**  
**COIMBATORE**

**Topic:-**  
**Digital Marketing**  
**webinar 2022**

**AUG 27 Saturday**  
**Time: 1 PM - 2 PM**

**RESOURCE PERSON:-**  
**MR.KALKI SEETHARAMAN, M.E.,**  
**FOUNDER & CEO**  
**NEUBAITICS SALEM**

**Topic:-**  
**ARTIFICIAL**  
**INTELLIGENCE & ITS**  
**SCOPE TO BECOME AN**  
**ENTREPRENEUR**

**SEP 15 Thursday**  
**Time: 1 PM - 4 PM**



**V.S.B ENGINEERING COLLEGE, KARUR**  
APPROVED BY AICTE, NEW DELHI - AFFILIATED TO ANNA UNIVERSITY, CHENNAI  
NBA ACCREDITED COURSES NAAC & TCS ACCREDITED INSTITUTION

**Engineer's Day Event**  
**DEPARTMENT OF CSE & AI**  
Cordially Invites You For Guest Lecture on  
**ARTIFICIAL INTELLIGENCE**  
**& ITS SCOPE TO BECOME AN ENTREPRENEUR**

NeubAitics  
Edtech Solutions  
Support Your Intelligence  
**MR.A.VINOTH B.E., M.E.,**

Thursday | 1:00 - 4:00 PM | 15/09/2022

RESOURCE PERSON :  
**MR.KALKI SEETHARAMAN, M.E.,**  
**FOUNDER & CEO**  
**NEUBAITICS**  
**SALEM**

**Venue : Auditorium**

# INNOVATIVE ACTIVITIES

**V.S.B. Engineering College Karur**  
Approved by AICTE, New Delhi-Affiliated to Anna University, Chennai  
WMA Accredited Courses NAAC & TCS Accredited Institution

**Department of CSE & AI**  
Cordially Invites you for  
the Seminar on  
**Soft Skills & Career Development**

**Resource Person:**  
Mr. R. Sivakumar MCA, CSM  
Sr. Project Manager | Analytics  
Rakuten, Bangalore

NOV 30, Wednesday  
Time : 2:00 PM to 4:00 PM  
VENUE: V.C.K Auditorium

**RESOURCE PERSON:-**  
**Mr.R.Sivakumar MCA,CSM**  
**Sr. Project Manager /Analytics**  
**Rakuten, Bangalore**

**Topic:-**  
**Soft Skills & Career Development**

**NOV 30, Wednesday**  
**Time: 2:00 PM - 4:00 PM**

**RESOURCE PERSON:-**  
**Mr.M.SUBRAMANIAN**  
**CEO/FOUNDER**  
**ABM IT SUPPORT**

**Topic:-**  
**Full Stack Web Development**

**DEC 8 Thrusday**  
**Time:- 10:00 AM - 11:00 AM**

**V.S.B. ENGINEERING COLLEGE**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

**TIME**  
**10.00 - 11.00 AM**

**M.SUBRAMANIAN**  
**CEO / FOUNDER**  
**ABM IT SUPPORT**  
BACK-END DATABASE

**Innovative Event**  
**on**  
**Full Stack Web Development**

# INNOVATIVE ACTIVITIES

**V.S.B. ENGINEERING COLLEGE**  
(Approved by AICTE, New Delhi, Affiliated to Anna University)  
An ISO 9001:2015 Certified Institution  
Accredited by NAAC, NBA Accredited Courses

**Department Of CSE & AI**  
Cordially Invites you for  
the International Webinar on

**HOW TO PLAN TO  
ACHIEVE YOUR GOAL**

**RESOURCE PERSON :**  
DR. S. VIGNESHWARI  
SR. DATA SCIENTIST,  
ASTRAZENECA, SWEDEN.

DEC 27, 2022, TUESDAY  
TIME: 2:00 PM  
VENUE : V. C. K. AUDITORIUM

**RESOURCE PERSON :-  
DR.S.VIGNESHWARI  
SR. DATA SCIENTIST,  
ASTRAZENECA, SWEDEN.**

**Topic:-**

**HOW TO PLAN TO  
ACHIEVE YOUR GOAL**

**DEC 27 TUESDAY  
TIME: 2:00 PM**

**RESOURCE PERSON :-  
Accent Techno Soft Members,  
Coimbatore**

**Topic:-**

**MOU with ATS**

**JAN 25 Wednesday  
Time: 11:00 AM**

**V.S.B. ENGINEERING COLLEGE, KARUR**  
APPROVED BY AICTE, NEW DELHI—AFFILIATED TO ANNA UNIVERSITY, CHENNAI  
NBA ACCREDITED COURSES, NAAC & TCS ACCREDITED INSTITUTION

**Department of CSE and IT**  
CORDIALLY INVITES YOU FOR MOU SIGNING CEREMONY WITH  
**ACCENT TECHNO SOFT, COIMBATORE**

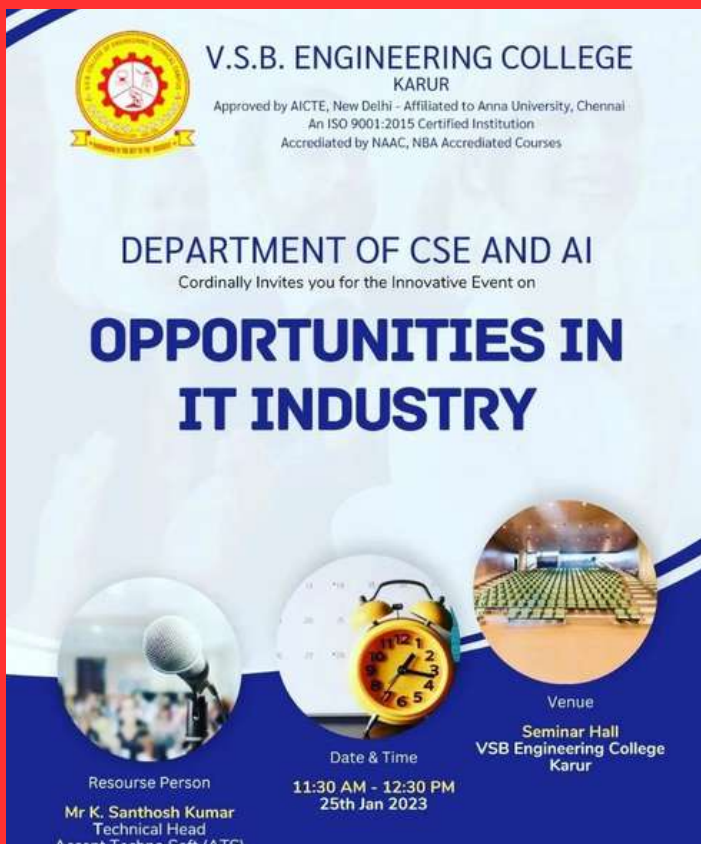
ACCENT TECHNO SOFT  
COIMBATORE

VSBEK  
KARUR

25/01/2023 From 11 AM

VSBEK  
SEMINAR HALL

# INNOVATIVE ACTIVITIES



**V.S.B. ENGINEERING COLLEGE**  
KARUR  
Approved by AICTE, New Delhi - Affiliated to Anna University, Chennai  
An ISO 9001:2015 Certified Institution  
Accredited by NAAC, NBA Accredited Courses

DEPARTMENT OF CSE AND AI  
Cordially Invites you for the Innovative Event on

## OPPORTUNITIES IN IT INDUSTRY

**Resource Person**  
Mr K. Santhosh Kumar  
Technical Head  
Accent Techno Soft (ATS)

**Date & Time**  
11:30 AM - 12:30 PM  
25th Jan 2023

**Venue**  
Seminar Hall  
VSB Engineering College  
Karur

**RESOURCE PERSON:-**  
**Mr K. Santhosh Kumar**  
Technical Head  
Accent Techno Soft(ATS)  
Coimbatore

**Topic:-**

**OPPORTUNITIES IN IT  
INDUSTRY**

**JAN 25 Wednesday**  
**Time : 11:30 AM - 12:30 PM**

**RESOURCE PERSON :-**  
**PEGA Systems, USA**

**Topic:-**

**Women's day  
celebration**

**MARCH 10 2023**



**V.S.B Engineering College, Karur**  
(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

**PEGA**  
**Women's Day Celebration**  
BY PEGA SYSTEMS





# INNOVATIVE ACTIVITIES



**VSB ENGINEERING COLLEGE**  
(AN AUTONOMOUS INSTITUTION)  
Approved by AICTE, New Delhi, NBA Accredited courses  
NAAC Accredited Institution and ISO Certified Institution

**DEPARTMENT OF CSE/IT/AIDS**

WE FEEL HONORED TO WELCOME ALL FOR  
THE ONLINE TECHNICAL SEMINAR ON  
"INNOVATIVE C PROGRAMMING".



**RESOURCE PERSON**  
MR.KAMARAJ CHANDRABABU  
TECH LEAD  
TECH MAHINDRA

DATE: 23.06.23  
TIME: 2.15 PM – 3.15 PM  
VENUE: SEMINAR HALL

 **ONLINE TECHNICAL SEMINAR**

**RESOURCE PERSON:-**

**Mr. Kamaraj,  
Technical Lead,  
Tech Mahindra**

**Topic:-**

**Innovative C  
Programming**

**JUNE 23 Friday**

**Time : 2:15 PM - 3:15 PM**

**RESOURCE PERSON:-**

**Mr.Govindan,  
AVP**

**Citicorp Services India Pvt Ltd**

**Topic:-**

**Vue.JS Progressive  
Framework**

**AUG 31 Thrusday**

**Time : 2:30 PM - 3:30PM**



**VSB ENGINEERING COLLEGE**  
(AN AUTONOMOUS INSTITUTION)  
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NAAC Accredited Institution and ISO Certified Institution

**DEPARTMENT OF IT/CSE/AIDS**

we feel honoured to welcome all for  
the online technical seminar on  
"VueJS PROGRESSIVE FRAMEWORK"



resource person :  
**Mr.GOVINDAN**  
AVP  
Citicorp Services India Pvt Ltd

31 AUGUST  
2.30 PM - 3.30 PM 

SEMINAR HALL 

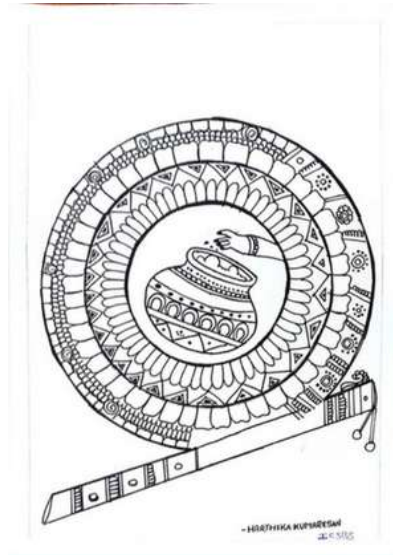
# Students Corner



M.AJAI  
II CSBS



S.JAYASURYA  
II CSBS



K.HARITHA  
II CSBS

# Events Participations



KAVINKUMAR S  
JUDO  
GOLD & SILVER



KAILASHPANDIYAN S  
KABADI  
SILVER



SACHIN A  
SOFT BALL  
RUNNER



SANJAI S  
BASKETBALL  
SILVER



BHARANISHWARAN N  
PAPER PRESENTATION  
PARTICIPATION



DHANESHWAR T  
PAPER PRESENTATION  
PARTICIPATION



ROHITH V  
PAPER PRESENTATION  
PARTICIPATION



# EDITORIAL TEAM

## CHIEF PATRON :

*HONOURABLE.SHRI.V.S.BALSAMY B.Sc.,L.L.B.,  
CHAIRMAN*

## CHIEF EDITOR :

*Dr.V.NIRMAL KANNAN M.E.,Ph.D.,  
PRINCIPAL*

## CHIEF EDITOR :

*Mr.T.S.KIRUBASANKAR M.E.,(Ph.D.)  
VICE PRINCIPAL*

## EDITOR :

*Mr.P.Anbumani M.E.,(Ph.D.)  
HoD*

## EDITORIAL FACULTY :

*Mrs.R.SARANYA*

## STUDENT EDITORS :

*Mr.RANJITH S  
Mr.DHANESHWAR N  
Mr.KAVINKUMAR S*

