

# CSBS | TECHBIZ

OFFICIAL NEWSLETTER OF THE DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

## FROM THE DESK OF HOD



**Dr M ANANTHI**  
**HOD/CSBS**

I, on behalf of the department of CSBS, take immense pride and pleasure in releasing our first edition of Newsletter "TECHBIZ".

*Information Technology & Business are becoming inextricably interwoven*  
-Bill Gates

At the core of today's modern economy, two things are important. One is Technology & the other is Business. That's why Sri Sairam Engineering college launched innovative industry relevant program which aims to create engineers with Business perspective by introducing B.Tech in Computer Science & Business Systems. This Newsletter provides the perfect insights about the vision & objectives of the department of CSBS and takes us on a journey which brings out all the highlights of the department including important events that took place. The publication also includes all our achievers in order to honour them and encourage others to emulate the success of their peer.

We release this Newsletter every 6 months in the hope that it encourages the students to make use of this platform and widen their horizons. I would like to thank our management for helping us transform the vision of "TECHBIZ" into reality. Last but not least, I appreciate the editorial team for their marvelous work.

## SNEAK PEEK

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## EDITORIAL TEAM

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### ASSOCIATE EDITOR:

MRS.J.NIRMALA

MR.D.PRABHU

### EDITORIAL & DESIGN TEAM :

GAYATHIRI VARSHA.A.S

JAI VIGNESH.R

ARULNITHI.R.G

HARIHARAN.R



# ABOUT

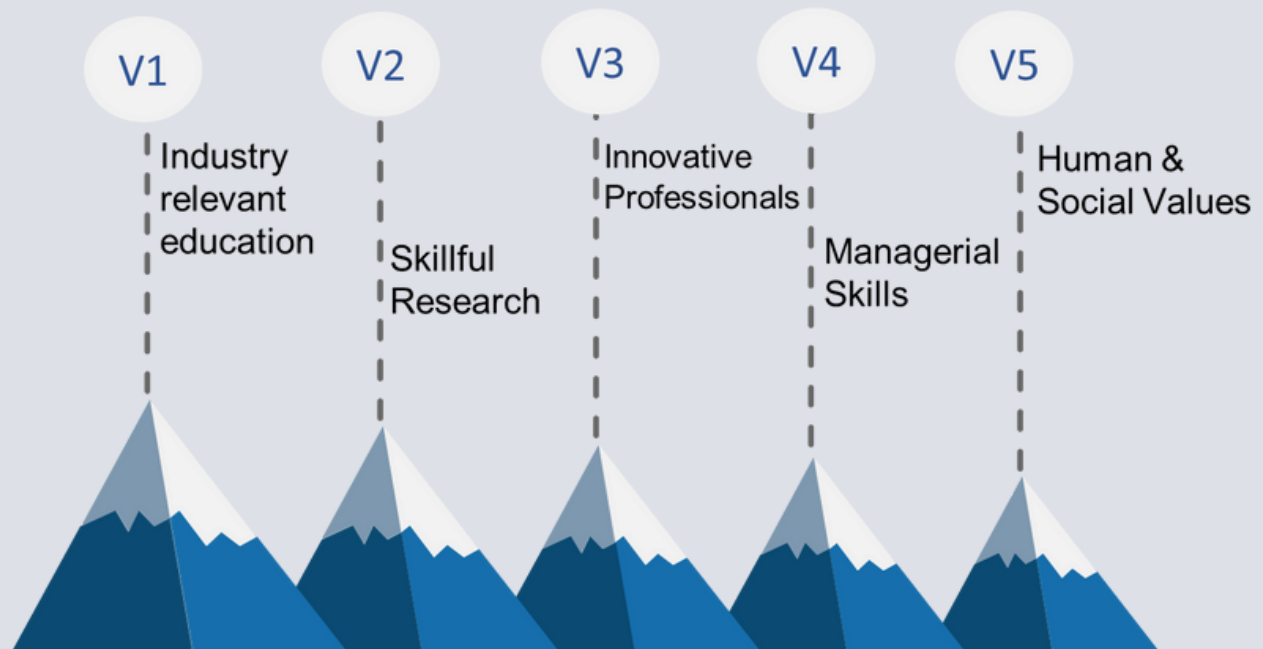
B Tech *Computer Science and Business Systems* (CSBS) is a spanking-new innovative forward looking 4 years undergraduate course designed by India's leading IT Service and Consulting Company – TCS to cater to the rising need of engineering talent with skills in technology. This dual course feeds the knowledge of students with not only the core topics of computer science but also develops an equal understanding of humanities, human values and business discipline.

The main intent of the course is to impart knowledge of cutting-edge technologies and management skills with hands-on exposure. The programme will provide industry-ready engineers who are capable of using the latest computer technology in developing a business world and can drive innovation and add value to the organization and the nation in the era of Business 4.0. The students are exposed to knowledge in the recent trends such as Computational Statistics, Cognitive Science & Analytics, Machine Learning, Software Development Models, Design Thinking, Financial Management, Services Science & Service Operational Management, Marketing Research, and Marketing Management.

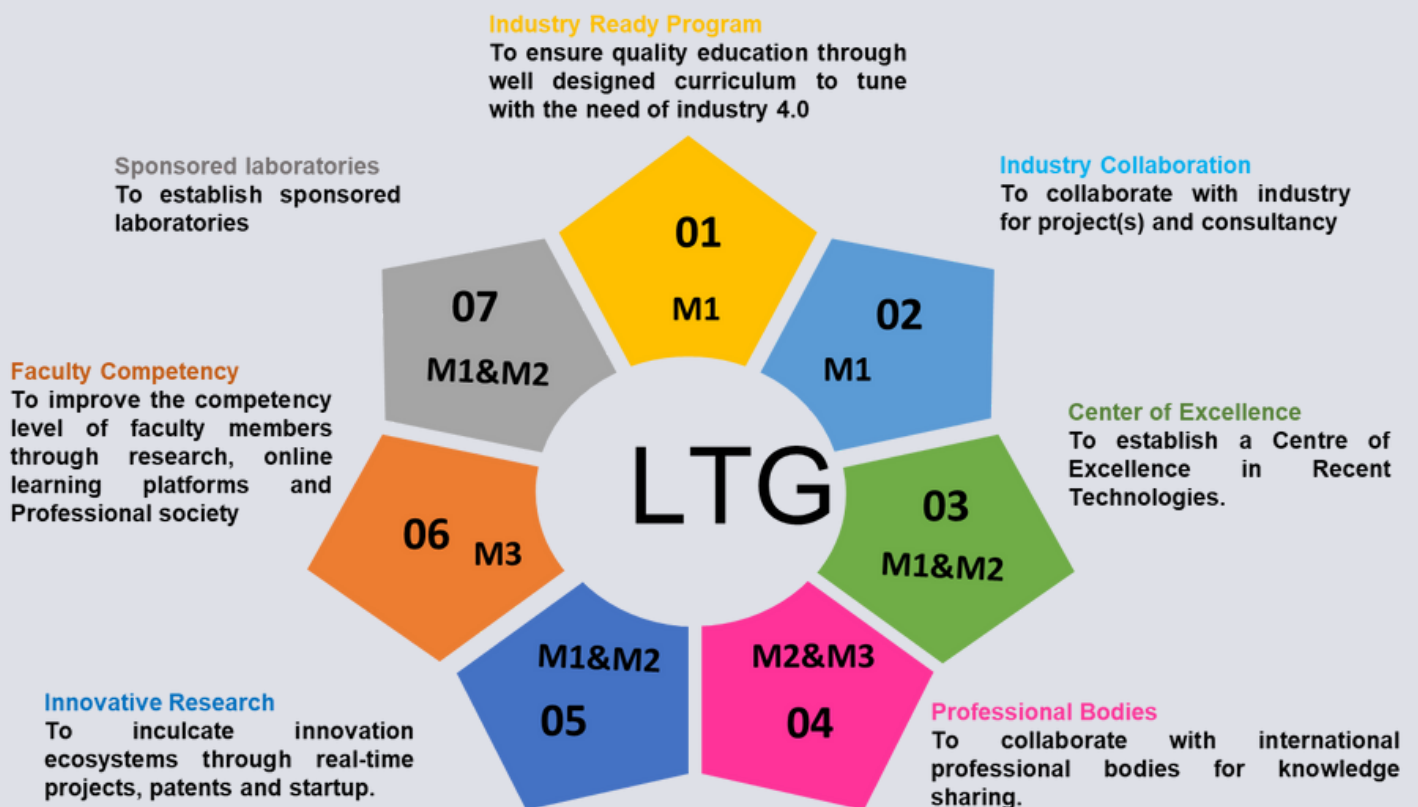
## HIGHLIGHTS

- Industry-Relevant Curriculum designed by TCS and approved by AICTE.
- Mandatory Industrial training supported by TCS.
- Internship & Live project opportunities at TCS for eminent students.
- Active mentoring by Experts from TCS
- High standard of teaching, learning and evaluation processes monitored by TCS.
- Innovative dual Course that includes Technical and Management Studies which is the need of the hour.

# VISION AND GOALS



To impart competent industry relevant education, skillful research and innovative computer science professionals together with managerial skills, human and social values.





# HIGHLIGHTED SUBJECTS

B TECH COMPUTER SCIENE AND BUSINESS SYSTEMS



Connexion





# MAGIC MEMBERS



**M MANISH**  
*MASTERMIND*



**ARULNITHI R G**  
*ADVOCATE*



**LOKESWARI S**  
*GUIDE*



**PRAVEEN BALAJI S**  
*INFLUENCER*



**AJAI K**  
*COMMUNICATOR*

## ASSOCIATION MEMBERS



**M MANISH**  
*STUDENT CHAIR-PERSON*

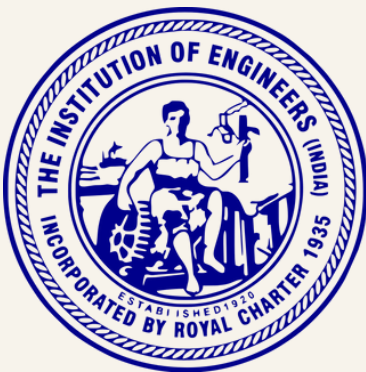


**NARESH G**  
*SECRETARY*



**VAISHNAVI S**  
*TREASURER*

# CENTER OF EXCELLENCE AND PROFESSIONAL BODIES



# INDUSTRY INSTITUTE COLLABORATION



To address the growing need of engineering talent with skills in digital technology, TCS, in partnership with leading academicians across India, has designed a curriculum for 4 years undergraduate program on Computer Science titled "Computer Science and Business Systems (CSBS)". The curriculum is designed with the support from TCS.



A Memorandum of Understanding (MoU) was signed between *Paxel Technolabs* and the Computer science and business Systems of Sri Sairam Engineering College on 20/01/2022 . Paxel Technolabs India Private Limited is driven by Erick Soedjasa and Suresh Veeraraghavan, it is classified as a Non-government company and registered at Chennai. It is a Private Company, incorporated on Oct 1, 2018.



# ACHIEVEMENTS

BEYOND ALL LIMITS

A team from the department of CSBS has been selected for two months Agripreneurship training program by NaaViC Agri Business Incubation centre



Project on "Stampede control System" by N.Haribabu and team has been shortlisted and that can be reshaped at ACIC-KIF internship.

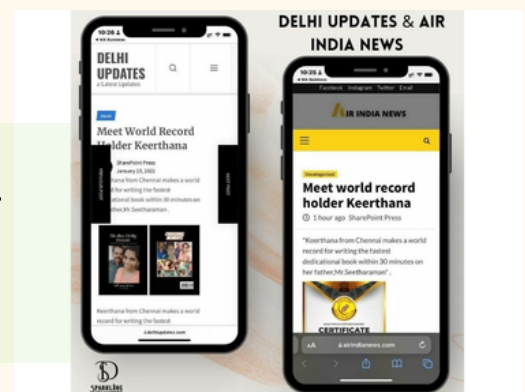
Haribabu.N and team bagged up the overall prize in SDG IDEATHON 2021.

Rahul.V and team bagged up the overall prize in SDG IDEATHON 2022.



Deepak N under the mentorship of Mrs. T. Sathya received appreciation award from the Principal, Dr.K.Porkumaran, for their excellence performance in Skillrack.

Keerthana.S made the World record for writing the fastest dedicational book within 30 minutes on her father, Mr.Seetharaman.



Keerthana.S won 'ALL INDIA BEST WRITER AWARD', organized by Profound Writers.



A Startup by Haribabu N, "PANG WANGLE TECHNOLOGIES" that aims to enlarge and introduce a number of services/products in various categories, and create high-performing services for clients and blend to their latest technologies.

Students completed various courses on Coursera, IIT Spoken Tutorial, Guvi, Uipath, EdX, Google digital unlocked and Automation Anywhere platform. Apart from these, various NPTEL courses were also done by the students.



Sree Lakshmi and team presented their project on "Contract and glaucoma detection system" in the UBA and received fund of Rs.50,000 for the further development of the project.

Keerthana.S gave a TED talk on "Save the Diminishing Mother Planet" at TEDx.



Tharun Raj.R.G, Shyam.V, Rahul.V received the SkillRack best performer award.



3 teams from the department participated in the AGRI INNOVATION CONTEST, Baba Farid School of Entrepreneurship, An Incubation Centre, Bhatinda, Punjab and got selected as Top 10 out of 120 Teams.

Barath.S and Keerthivasan.R completed 40 courses in UiPath, Online Learning Platform.



Keerthana.S bagged up the runner position in poetry competition, "Rise Up" conducted by the Lions Club.



# SPORTS



Department of CSBS and AIDS bagged up the bronze medal in 4\*100 relay(men).

Department of CSBS and AIDS secured the runner up position in Handball(men).



Suraj.S bagged the Gold medal in Triple jump(men)

Arulnithi.R.G won the bronze medal in Shortput(men)



# EVENTS ORGANIZED BY THE DEPARTMENT OF CSBS



Organized CSBS Association Inaugural Function on September 1, 2021.

The Department of CSBS in association with Institution Innovation Council & Entrepreneurship Development Cell organized Training on " KICK your start-up" on 15th December 2021.



Video classes were conducted for the students of 2nd year CSBS on the topic of Virtual Reality and Augmented Reality.

Expert talk by Dr.K.Maran, Director SIMS, on the topic of "Intelligence Quotient and Emotional Quotient".



# EVENTS ORGANIZED BY THE DEPARTMENT OF CSBS

Virtual Industrial Visit by Simens Gamesa on 17th December 2021.



Expert talk by Dr.C.R.Rene Robin M.E.,Ph.D,  
Professor & Dean (Innovation)

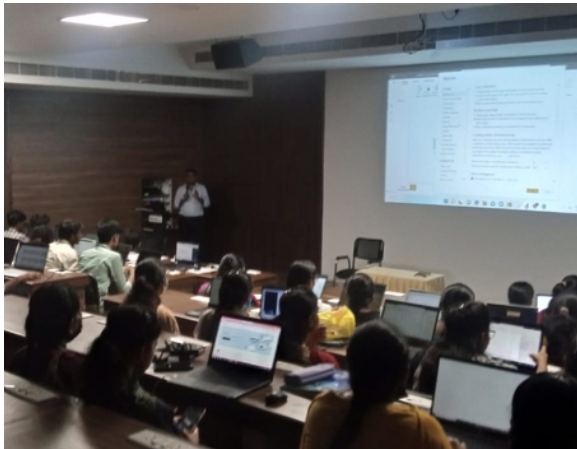
Expert talk by  
Dr.R.Rajkumar, Department of DSBS,  
SRM Institute of Science and  
Technology on "Project to Product"



Organized a Workshop on  
INNOVATION FOR STARTUP on 28th  
March 2022.



# EVENTS ORGANIZED BY THE DEPARTMENT OF CSBS



organized a hands on training program on Power BI Essentials on 10 & 11th May, 2022.

Guest lecture on 'Challenges faced by Entrepreneurs & carrier road map by Mr. Rajarajan Arumugam, CCPA lead at Entergy, Texas, US.



A Memorandum of Understanding (MoU) was signed between TCS and the Computer science and business Systems of Sri Sairam Engineering College





TECHNOLOGY AND ENGINEERING MANAGEMENT SOCIETY

## SOCIETY MEMBERS



**HARIHARAN R**  
CHAIR PERSON



**BERLINDA A J**  
SECRETARY



**GAYATHIRI VARSHA**  
TREASURER



**SARAVANAN S**  
WEB MASTER



**JAI VIGNESH R**  
TECHNICAL LEAD



**AATHRAYEE**  
DOCUMENTATION LEAD



**ARULNITHI R G**  
DESIGN MASTER

**ACTIVE MEMBERS OF IEEE TEMS: 49**

# EVENTS ORGANIZED BY IEEE TEMS



IEEE TEMS society inauguration by CSBS department with hands-on training given to IRT polytechnic college

IEEE TEMS society celebrated IEEE day by organizing activities of web designing, group discussion and channel surfing for the students of Sri Sairam Matriculation Higher Secondary School



**SAI RAM ENGINEERING COLLEGE**  
An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi  
Accredited by NBA and NAAC 'A+' | An ISO 9001:2015 Certified and MNFQ MNFQ ranked institution  
Sai Leo Nagar, West Tambaram, Chennai - 600 044. [www.sairam.edu.in](http://www.sairam.edu.in)

**Hands on Training on  
MACHINE  
LEARNING  
USING PYTHON**  
Hosting on Google Meet 27.11.2021, Saturday @ 11.00 AM

Resource Person  
**Mr. Arunjit Chowdhury**  
CEO - Enterprise Building Training Solutions. 

IEEE TEMS organized a Hands-on Training on Machine Learning using Python(online mode) on 27.11.2021



# EVENTS ORGANIZED BY IEEE TEMS

The Department of CSBS in association with IEEE TEMS society & Institution Innovation Council, Entrepreneurship Development Cell organized an expert talk on "Visionary on IoT and Patent Filing"



Organized TALENTOPIEDIA in celebration of 'National Youth Day'

Organized workshop on Innovation for startup on 28th March 2022.



# HIGHLIGHTED SUBJECTS

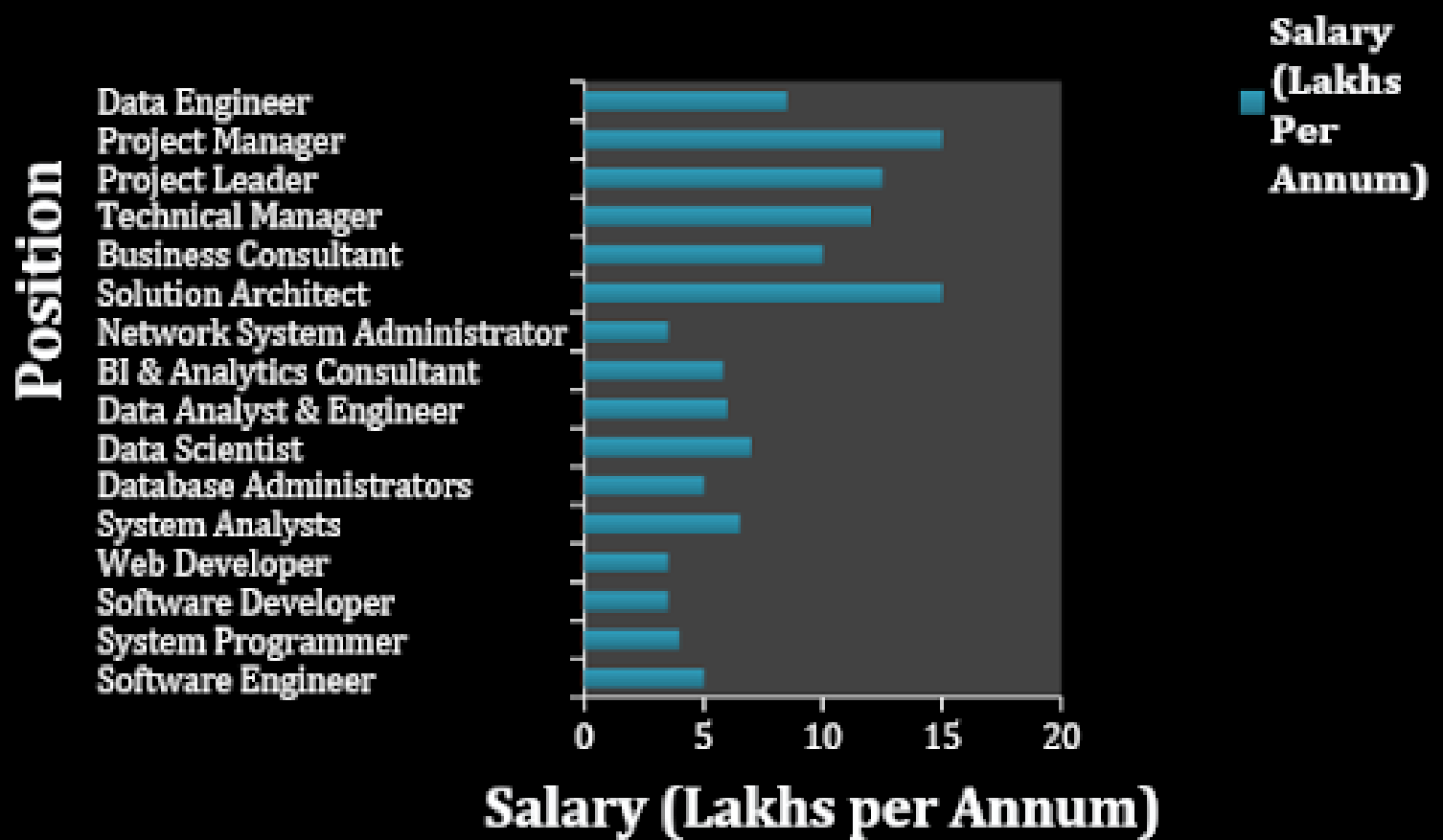
B TECH COMPUTER SCIENE AND BUSINESS SYSTEMS

- Machine Learning Techniques with Lab
- Artificial Intelligence with Lab
- Statistical methods
- Computational Statistics
- Python Programming
- R Programming
- IT Project Management with Lab
- Operations Research with Lab
- Design Thinking
- IT Workshop Sky lab/Mat lab
- Information Security with Lab
- Robotics and Embedded Systems with Lab
- Modern Web Applicationswith Lab
- Introduction to IoT with Lab
- Usability Design of Software Applications with Lab
- Cloud, Microservices & Applicationwith Lab



- Business Strategy
- Financial & Cost Accounting
- Financial Management
- Human Resource Management
- Services Science & Service Operational Management with Lab
- Computational Finance & Modelingwith Lab
- Advanced Social, Text and Media Analytics
- Management & Entrepreneurship
- Marketing Research & Marketing Management
- Introduction to Innovation, IP

# JOB OPPURTUNITIES





# HONOURABLE RECRUITERS

**DEPARTMENT OF CSE & IT**

**SAIMAM ENGINEERING COLLEGE**  
INSTITUTE OF TECHNOLOGY  
Autonomous Institution / Accredited by MBA and AACSB / ISO 9001:2015 certified institution  
Sai Leo Nagar, West Tambaram, Chennai - 600 044.

**SAIMAM TRAINING ENTREPRENEURSHIP PLACEMENTS**

**HONOURABLE RECRUITERS**

and many more...

**Sairam**

**DEPARTMENT OF EIE**

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**SAIMAM TRAINING ENTREPRENEURSHIP PLACEMENTS**

**HONOURABLE RECRUITERS**

and many more...

**Sairam**

**DEPARTMENT OF ICE**

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**SAIMAM TRAINING ENTREPRENEURSHIP PLACEMENTS**

**HONOURABLE RECRUITERS**

and many more...

**Sairam**

**DEPARTMENT OF MECH**

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and many more...

**Sairam**

**DEPARTMENT OF ECE**

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and many more...

**Sairam**

# SDG IDEATHON

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**Haribabu.N and team bagged up the overall prize in SDG IDEATHON 2021.**

**Rahul.V and team bagged up the overall prize in SDG IDEATHON 2022.**



# DEPARTMENT SYMPOSIUM

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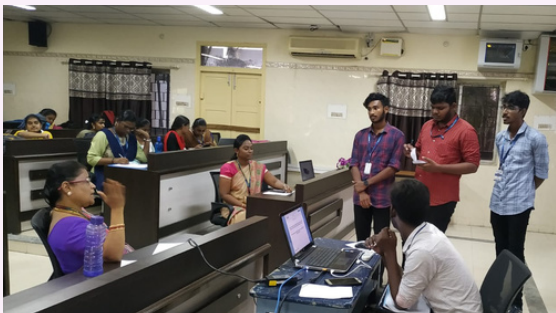
Organized "FEST-X" Symposium on 30th March 2022





# LIVE IN LAB

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# TESTIMONIAL

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I'm Luckysha.M, currently pursuing 2nd year Btech computer science and business systems. Unlike traditional courses, it's an advanced course endowed with the latest technologies namely AI. We get to learn the various programming languages for a well-lit mastery in coding. The institution conducts a lot of hands-on sessions, workshops, webinars, professional training, expert talks, symposiums and a variety of technical events which are worthy indeed.

I'm Arulnithi pursuing B.Tech Computer Science and Business Systems at Sri Sairam Engineering College. I am fortunate and lucky to receive my degree from this prestigious institution as I get to learn coding, technical and management skills with this course. Moreover our department HOD Dr. Anandhi.M ma'am interacts with us frequently. Teachers at this institute take good care of the students. Mentors are of constant support in the institute as they look into and solve any problem faced in the institute. I get to learn new skills through our teachers, mentors and also try to implement new innovative ideas in projects.



Being a biomath student, the thought of learning a new subject scored me out of wits. Fortunately I got into Sri Sairam Engineering College. I am thankful for the faculty of the department. All the instructors in my department are supportive and are being always available for students who need additional guidance. My seniors have been very welcoming and comforting since day one. And with the help of additional portals like skill rack and edx, my skill have been getting better and better!



# STUDENT'S CORNER




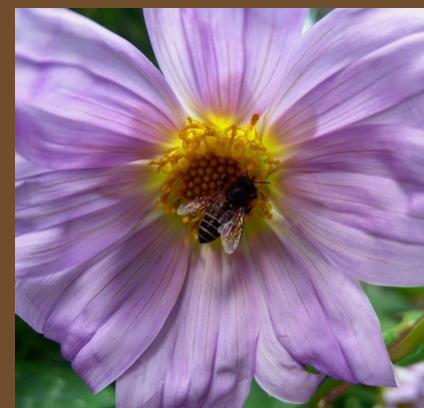
Suretha S




Avanthika P V



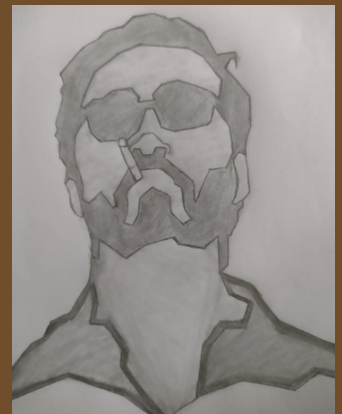
 Manish M



 Suretha S




Dhivyadharshini K



Abinaya G



 Pavithra devi T

## DEAR LITTLE FRIEND

On any forbidden day, my friend,  
when your sails fail to guide more, lost in the vast ocean,  
I shall rise as the strongest wind and  
roar until I take you to the shore.  
On any forbidden day, my friend,  
When your herd fails to protect you, hoot into the cluster of  
cosmos,  
I shall rise from the smallest grains of sand, as small as the  
atoms,  
to conspire for your victory.

Never bend down at the face of harshness,  
stand high, my friend!  
and be humbled by truth alone,  
but then hold your head high for  
shouting the truth that echoes in every heart.



Athrayee Shankara Narayanan

"TODAY A READER,  
TOMORROW A LEADER"





# FUNZONE

Spot the difference



ANSWER



ANSWER

I'M WHERE  
YESTERDAY  
FOLLOWS TODAY  
AND TOMORROW  
IS IN THE MIDDLE  
WHO AM I?

LIFE IS A GAME . PLAY IT.