



SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY

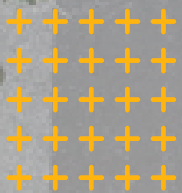


An Autonomous Institution, Affiliated to Anna University-Chennai
Accredited by NAAC with "A" grade Accredited by NBA
Kuniamuthur ,Coimbatore-641008


**Aspiring Zone
2022 - 2023**





**WE
SHOOT
AT
THE
STARS**



B TECH COMPUTER SCIENCE AND BUSINESS SYSTEMS

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 <https://skcet.ac.in/>



OUR PATRONS
SMT.S.MALARVIZHI
Chairperson and Managing Trustee,
SKI

DR. J. JANET
Principal, SKCET

CHIEF-EDITOR
DR. S. BALAKRISHNAN
HOD-CSBS, SKCET

EDITOR
DR.G. IGNISHA RAJATHI, ASP-CSBS

EDITORIAL TEAM
OUR MAGAZINE TEAM STUDENT
MEMBERS

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CHAIRPERSON'S DESK

**"Education
is the movement
from darkness to light."**



Smt.S.Malarvizhi
Chairperson and Managing Trustee

As an established Institution, with an enriching history of excellence spanning across decades we have significantly contributed to the advancements of knowledge in teaching-learning, research and administration and thus been consistently ranked among the best Engineering Institutions in India. We maintain sincere academic standards, striving to be an epicenter that instigates and imbibes global experiential opportunities through international partnerships, leverage technology-integrated solutions that results in outstanding graduate career outcomes integrated and infused with conduct of discipline and obedience that fosters nothing less than holistic excellence. We firmly believe that education is the key to nation's progress. Dreams, when yearned to be realized, and fought to be relished, often provide the context for the sculpting of a personality that is respected and remembered. SKCET gives you a chance to grow equipping with everything you need .It has always been a platform for the students to grow in abundance in terms of academics, profession and most importantly it has made them good citizens of our nation. No doubt that it is going to be the same in the future as well. The students have always kept the standards high through their participation and victory. The laurels that they bring is our joy and the fruit of the efforts that we put in.

**"We await in glee to learn, transform and impact
one another, together!"**

PRINCIPAL'S DESK



**Dr.J.Janet
Principal**

Sri Krishna College of Engineering and Technology (SKCET) is bounded in illuminating the minds of the students through diverse learning platforms to enter the professional world. Endowed with futuristic outlook, SKCET aims persistent growth in the superiority of all academic activities with a sense of commitment to fully meet the expectations of the students, parents and society in the large scale. The different teaching methodologies, teaching techniques, altogether have improved the educational structure of our institution. The team spirit with which we work here in the institution certainly needs a mention, because without them this would not have been possible. The efficient participation of the students have been of high regard. It is quite pleasant when we see students volunteer themselves for various competitions and programmes, this kind of involvement is what motivates us to go a step ahead from where we are. It is a pure bliss to see the students get placed in the world's best companies with captivating package during the placement drive. Their extensive hard work is what makes us produce cent percent placement results. This motivation is the reason for our Institution to have a banner so high flaunting dependably and flamboyantly.

HOD'S DESK



**DR. S. BALAKRISHNAN,
PROFESSOR AND HEAD,
DEPARTMENT OF COMPUTER
SCIENCE AND BUSINESS SYSTEMS.**

The Department of Computer Science and Business Systems is a four years undergraduate programme powered by Tata Consultancy Services (TCS) to address the growing needs of engineering talent with skills in digital technology. The focus is to provide explicit resources and accelerate the students to elate their ideas to a higher level in technology and business. The outcome of this course is to sculpt the skillsets of our students to be completely shaped industry ready stars of the globe. The students have marked their imprints as victors of Smart India Hackathon (SIH) 2020, SIH 2021, SIH 2022 and many more hackathons and are given exposure to industry - oriented practices. The department is groomed serenely for all our students with the notion, 'never leave a stone unturned in all paths of raising them to success.'

COMPUTER SCIENCE AND BUSINESS SYSTEMS



About the Department

SKCET is the only chosen institution in South India to sign an MoU with TCS to offer B.Tech Computer Science and Business Systems Programme in 2018. The key objective of this academic collaboration is to bridge the gap between academia and industry and to mould the students as full fledged IT professionals. The syllabus and curriculum are well designed by a team of experts to match the industry's expectation which would result in a sea change in the educational system and to create a talent pool in the student fraternity.



MOUs



Tata
Consultancy
Services



NoviTech
the innovation partner

NoviTech R&D Pvt Ltd., Coimbatore



BRIGHT BEGINNERS AWARD



Computer Science and Business Systems (CSBS) Department is privileged to inherit the Bright Beginners Award from our Managing Trustee Madam of our prestigious institution and being recognized at its best regarding innovate ideas, efforts made to possess as a stellar both in other field interests along with the strong curriculum. The department is run under the Captain Dr.S.Balakrishnan and the faculty members Mrs.G.Ignisha Rajathi and Mr.J.Daniel Francis Selvaraj. The department has enhanced the image of a profession by setting and achieving the highest standards of excellence. The vision and mission have sunk in depth into the neurons of the students which stimulated the veiled qualities of the students. The institution flashed light upon us revealing it as the most active, dedicated and committed department. The students were accelerated to their best due to their spurting propellant faculty members. They were sincerely disguised as the student's backbone and led the pact successfully.

UNIQUENESS IS OUR PRIDE

HOW UNIQUE IS OUR COURSE? THE ANSWER IS HERE:

The three primary components of a course are the learning objectives, assessments and instructional strategies. Once these three components are identified, at least provisionally, the next task is to organise them into a coherent, dynamic whole. Computer Science and Business Systems (CSBS), a derived and specially designed course by Tata Consultancy Services (TCS), to provide explicit resources and allow the students to elate their ideas to a higher level.

VISION OF SKCET CSBS:

To produce industry ready professionals with information technology acquaintance and human values to contribute to the society at large.

MISSION OF SKCET CSBS:

- To develop and to promote student ability thereby to compete globally through excellence in education.
- To inculcate varied skill sets that meets industry standards and to practice moral values.
- To enrich high integrity to lead and to serve the society.

EDUCATIONAL OBJECTIVES:

The refined educational objectives are framed to encourage students to accept challenges in their profession through the applications of theory and principles of computer engineering, to be familiar in problem solving by applying mathematical, scientific and engineering fundamentals, to create novel products and solutions for real life problems, focused on professional and ethical attitude, effective communication skills, team working skills, multi-disciplinary approach and last but not the least to develop and exhibit leadership qualities and progress through constant learning.

EDUCATIONAL OUTCOMES:

The ultimate outcomes expected from this course underlines that the graduates would acquire knowledge of mathematics and computing respectively. Pursuing this course certainly provides a solid groundwork in understanding the emerging concepts, applied in the recent trends in engineering that paves self-learning to become professional, ethical, legal, addressing social issues and to hold responsibilities for the computing world. Graduates would be able to recognize professional responsibilities, apply design and construct software systems of varying complexity. The course visualises plethora of opportunities available for the graduates in which they would receive a broad education necessary to understand the impact of computer science solution in the global and societal context. In a nutshell, the course lifts out the potential of every individual in understanding and attempting to become the better version of themselves, to become a holistic Industry ready personality.

FACULTY MEMBERS OF CSBS



**DR. G IGNISHA RAJATHI
(ASSOCIATE PROFESSOR)
SYSTRONS ASSOCIATION
COORDINATOR**

**DR. P D MAHENDIRAN
ASSISTANT PROFESSOR**



**MR. R YASIR ABDULLAH
ASSISTANT PROFESSOR**



FACULTY MEMBERS OF CSBS



MR. M MANICKA RAJA
ASSISTANT PROFESSOR



MRS. F MARGRET
SHARMILA
ASSISTANT PROFESSOR

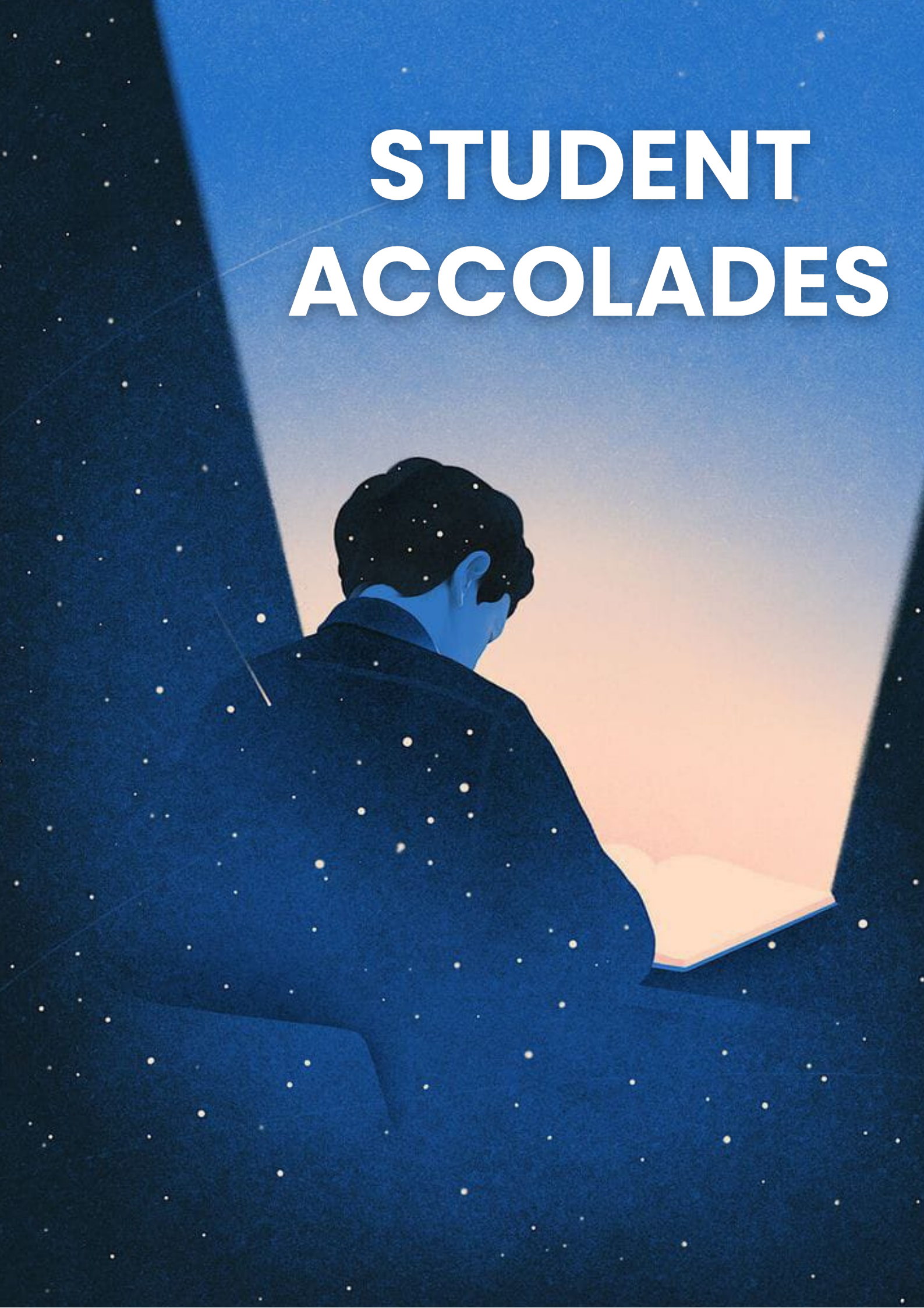


MRS. A FATHIMA
(JOINT COORDINATOR)



MR. I ANANTRAJ
ASSISTANT PROFESSOR

STUDENT ACCOLADES



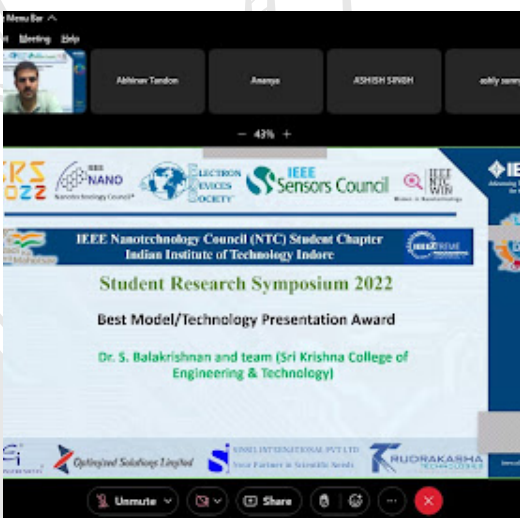
STUDENT ACCOLADES

INEURON.AI HACKATHON



- The student team consists of Vishal C, Sashidharan, Christina Mercy Mathew of I-CSBS and Rathi Raghuram of I-M.Tech(CSE) have grabbed the 2nd Runner Up position in Hack-A-Thon 3.0, an offline 24-hours hackathon conducted by iNeuron.ai at Bangalore on 25th June & 26th June 2022.
- The event was open to all and the first two prizes was won by IT professionals. The team have received the cash prize of Rs.50,000.
- THE TEAM WAS MENTORED BY DR.S.BALAKRISHNAN,HOD, CSBS.

BEST MODEL/TECHNOLOGY PRESENTATION AWARD



- The Student team from CSBS and M.Tech(CSE) departments consists of Vishal C, Sasidharan R, Christina Mercy Mathew and Rathi Raguraman presented their idea and prototype in the Student Research Symposium conducted by IEEE Nanotechnology Council Student Chapter, Indian Institute of Technology, Indore in association with IEEE EDS Chapter, MP Section & IEEE Sensors Council Student Chapter IIT Indore.
- The team has been awarded with the Best Model/Technology Presentation Award and mentored by Dr.S.Balakrishnan, HoD- CSBS.

STUDENT ACCOLADES

SIH 2022 WINNER



First prize with a cash prize of Rs. 1 Lakh in Smart India Hackathon SIH-2022.

Team Members:

HAREESWARAN O S IV CSBS
JAISAKTHI K IV CSBS
THARUN M IV CSBS
SADURATHAMAN V IV CSBS
SRIHARI M IV CSBS
KRISHNA G IV CSBS

Mentors:

Dr.S.Balakrishnan, Professor and Head - CSBS

Dr. S. Oswalt Manoj Assistant Professor - CSBS.

HACK STACK 1.0 WINNER



The Student team from the Department of CSBS has won First prize with a cash prize of Rs. 1,00,000/- in the Hack Stack 1.0, Industry 4.0 themed Hackathon presented by Infrastack Labs on 19th & 20th August 2022 at Bhive Co Working Space, Bangalore.

Team Members:

1. Vishal C - II year CSBS
2. Sasidharan R - II year CSBS
3. Christina Mercy Mathew - II year CSBS
4. Rathi Raguraman - II year M.Tech CSE.

Mentor:

Dr.S.Balakrishnan, Professor and Head- CSBS.

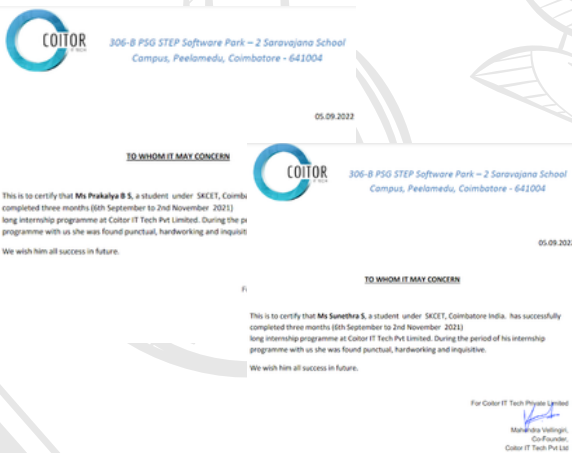
STUDENT ACCOLADES

WORKSHOP PARTICIPATION



MANOJ KUMAR C, and SANDHYA BARATHI K of Second Year Computer Science and Business Systems have participated in two days "Techo Workshop Series'22 Vol,4" organized by Techobytes Technologies on 20 & 21 August 2022 at IIT Madras Research Park, Chennai.

INTERNSHIPS



Prakalya B S, Sunethra S & Swathika C A of third year CSBS student has successfully completed three months (6th September to 2nd November 2021) long internship programme at Coitor IT Tech Pvt Limited, Coimbatore.

STUDENT ACCOLADES

INTERNSHIPS



Dharshan S and Kolanthaivel S students of Final year CSBS have successfully completed three months (27th June to 2nd September 2022) long internship programme on the project "Address Verification Automation" at TATA Consultancy Services.

WORKSHOP PARTICIPATION



Dhasagreevan.C and Kannan.K of second year CSBS student has participated in the Real-Time Signal Processing for IoT Workshop held by Petrichor, IIT Palakkad on 17, 18 September 2022.

STUDENT ACCOLADES

RIGATHON 2022



"RIGATHON 2022" conducted by Kumaraguru College of Technology, Coimbatore from 30.09.2022 till 02.10.2022.

Student members:

- 1.Dharshan S, II CSBS
- 2 Sathya Bhama M, II CSBS
- 3.Gowtham T, II CSBS
- 4.Shrreya S R, II CSBS
- 5.Deepak M, II CSBS

Mentor:

Dr. G. Ignisha Rajathi,
ASP/CSBS

WHAT THE HACK



The student team consists of Vishal C, Sashidharan, Christina Mercy Mathew from Second year CSBS and Rathi Raguraman from Second year M.Tech(CSE) mentored by Dr.S.Balakrishnan, HoD-CSBS has participated in WHAT THE HACK, a Hackathon organized by IEEE SB MUJ from 9th-11th September 2022.

STUDENT ACCOLADES

IEE HACKS 2022



Vishal C, of Second year CSBS has achieved at Top 5 position in the Indo-European Entrepreneurial Hackathon (IEE-Hacks 2022) held at AIC-IIIT Kottayam, an Incubation Center of Indian Institute of Information Technology Kottayam, Kerala on 23rd August 2022.

IDEAFEST 2022



P.Lionel Roshan and N.Nekha of second year CSBS student have won "Second Prize" in INDIA STARTUP, a beginner friendly IdeaFest organized by Department of Computer Science and Engineering, Sri Krishna College of Engineering and Technology on 09.11.2022.

STUDENT ACCOLADES

IEE HACKS 2022

Team Position	Team Name
1	Team DnR
2	IVK
3	ELITEMEDY
4	Hack Elite
5	ZeroBugs
6	Aspire coders
7	Perceptrons
8	2 Broke Codes
9	Team DiagnoZ
10	Eucalyptus-1
11	CADRE CORPS
12	YUVA
13	Helping Hand

The student team "Zero Bugs" consists of Vidhulaa Sri T, Kamesh J, Nirvindhya B and Dhasagreevan C from Second year CSBS mentored by Mr.Yasir Abdullah has participated in the EMIDS Healthcare Hackathon, on 11-13 November 2022 conducted by the IIIT Sri City & EMIDS healthcare solutions to create unique solutions to the top use-cases in the healthcare sector.

The team got fifth position in the competition and awarded with the cash prize of Rs.10000.

IEE HACKS 2022



Second prize in the paper presentation in "The second Edition of iCUBE - A NATIONAL LEVEL INTERCOLLEGIATE TECHNICAL EVENT", conducted by Sri Venkateswara College of Engineering, Chennai on 18.11.2022. Team: FRESHSPAR TECHNOLOGIES with Rs.10,000/- Cash Prize.

Team members:

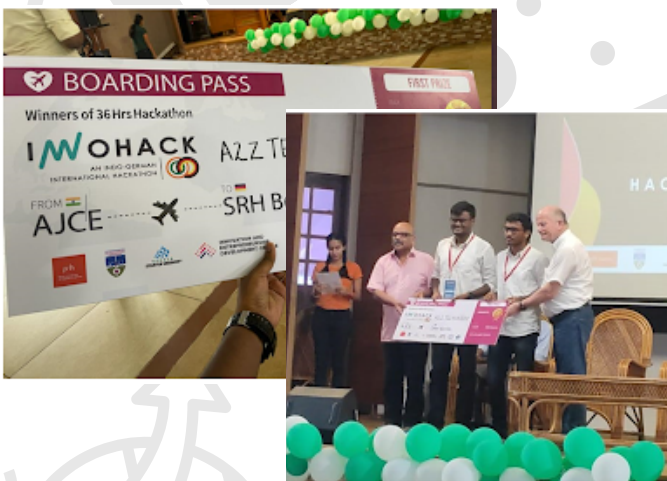
- 1.Manojkumar.C
- 2.Krishna.K
- 3.Sandhya Bharathi
- 4.Sri Subiksha.T

Mentor:

Dr. G. Ignisha Rajathi, Associate Professor, CSBS

STUDENT ACCOLADES

IDEAFEST 2022



Innohack - A three-day International Hackathon organized by Amal Jyothi College of Engineering, Kanjirapally in association with SRH Berlin University of Applied science, Germany along with APJ Abdul Kalam Technological University, Thiruvananthapuram and Kerala Start up, held from 23rd Nov to 25th Nov. First prize and have been bestowed with the opportunity to visit the scintillating Germany for 10 days training and trip under the organizers' expense.

Team members:

1. Vishal Chinnasamy C (II - CSBS)
2. Sasidharan R (II - CSBS)

Mentor: Dr.S.Balakrishnan, HoD-CSBS

STARTUP TN HEALTHCARE HACKATHON 2023



Rewarded with \$100 of the AWS free tier for one year, organized by the Aegis of Department of Micro, Small and Medium Enterprises (MSME), Government of Tamil Nadu, held at SAHS Auditorium, School of Allied Health Sciences, VIMS Hospital Campus, Vinayaka Missions Research Foundation, DU, Salem on 17th & 18th February, 2023.

Team Name: Fresh Spar Technologies

Team Members:

- Manoj Kumar C
- Sri Subiksha T
- Sandhya Barathi K

Mentors:

Dr.S.Balakrishnan, Prof & Head, CSBS

Dr.G.Ignisha Rajathi, Associate Professor, CSBS.

STUDENT ACCOLADES

IDEA PITCHING – STARTUP TENKASI ESTONIA OF INDIA 2023



Our idea was selected as one among the Top 20 finalists out of 200 ideas on March 12th 2023 and Pvt.Ltd.

Team Members

Vishal Chinnasamy - II CSBS

Sasidharan Ramachandran - II CSBS

Rohith Kumar B - II CSBS

Christina Mercy Mathew - II CSBS

Mentor: Dr.S. Balakrishnan, HoD, CSBS.



1ST PRIZE IN YESIST12 PRELIMS AND SHOOTING UPTO FLY EGYPT FOR THE FINALE



iExplore Foundation, IEEE KPRIET Student Branch and KPRIET conducted Hackathon on 25th March 2023 at KPR Institute of Engineering and Technology. They have tried diligently and climbed up to Top 20 teams for the finale that will held at Egypt in the month of September and got great appreciations from Dr. M. Ramalatha (Director, iExplore Foundation) and Jury Panels.

Team members:

Vishal Chinnasamy C (II - CSBS)

Sasidharan R (II - CSBS)

Christina Mercy Mathew (II - CSBS)

Mentor: Dr.S.Balakrishnan, HoD-CSBS

STUDENT ACCOLADES

TAMIL NADU POLICE HACKATHON 2023



Runner-Up position with the cash prize of Rs.50,000/- in the TN Police Hackathon 2023 organised by CRIME WING, CHENNAI in association with St. Joseph's College of Engineering, OMR, Chennai. It was a 24 hour hackathon for the entire Student crew of Tamil Nadu held on 28th & 29th of March 2023.

Team Members:

- ★ Vishal Chinnasamy
- ★ Sasidharan Ramachandran
- ★ Rohith Kumar

Mentor: Dr. S. Balakrishnan, Prof and Head, CSBS

WENZHOU KEAN UNIVERSITY, CHINA – PSY-CHORE HACKATHON



Participants exhibited their innovative solution for Neuro disorders and got appreciation from jury members.

Best Pitch Award

Team name: DARQ-X

Members:

1. Tamil Anbu R, II year
2. Lionel Roshan P, II year
3. Rayhaan R, II year
4. Suhail A, II year

Mentor: Dr. G. Ignisha Rajathi

STUDENT ACCOLADES

ERSMERONZ '23



Runner-Up position with the cash prize in the EXPANOVA- Project Exhibition. They have also excelled as the BEST PAPER PRESENTEES in the PRESENTARE held at Bannari Amman Institute of Technology on 20.03.2023 and 21.03.2023.

Team Name: Darq-X

Team Members:

Lionel Roshan P, II CSBS

Rayhaan Aktar Khan, II CSBS

Mentor: Dr.G.Ignisha Rajathi

IDEATHON @ KONGU ENGG. COLLEGE



Secured second in the Ideathon event and third in Paper presentation event held at Kongu Engineering College ERODE

Team Members:

Lionel Roshan P

Shwetha

Mentor: Dr.G.Ignisha Rajathi

STUDENT ACCOLADES

STAR HACK ERA – HACKATHON WINNER



Kiruba R from I year CSBS have won SPECIAL MENTION AWARD and Cash prize of Rs. 8000 in the event STAR HACK ERA organised by Y's SERVICE CLUB OF GCT YOUTH partnered with Cognizant on 03.04.2023



COGNIZANT PRODIGI – GRAND FINALE



Team has won the overall 1st Runners Up prize out of 60+ participating Colleges & 300 + teams across Tamil Nadu & Kochi.

1st Runners Up

Team Name: A2Z Techvalley

Team Members:

Vishal Chinnasamy (II CSBS)

Sasidharan Ramachandran (II CSBS)

Rohith Kumar B (II CSBS)

Surya Narayanan R (II CSBS)

Mentor: Dr.S.Balakrishnan , HOD CSBS

STUDENT ACCOLADES

BUSINESS CANVAS COMPETITION - WINNERS



Secured first in the Business Model Canva event organized by the dept of CSBS and CIVIL Engineering held at SKCET.
Team Members:
Lionel Roshan P
Shwetha

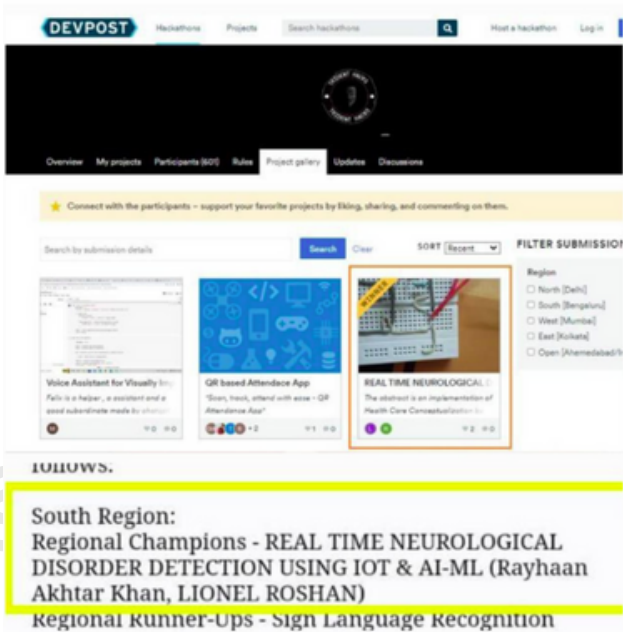
MIN ENTHRA 2K23



Secured first Prize in paper presentation and First place in project exhibition in the 10th National Level Technical Symposium MIN ENTHRA 2K23 held at Hindustan College of Engineering and Technology.
Team Members:
Lionel Roshan P, II CSBS
Rayhaan Aktar Khan, II CSBS
Mentor: Dr.G.Ignisha Rajathi

STUDENT ACCOLADES

TRIDENT HACKS: NATIONAL LEVEL HACKATHON- SOUTH REGIONAL CHAMPIONSHIP



HACKATHON WAS CONDUCTED ON 29TH OF APRIL 2023 BY DEVPOST ONLINE PLATFORM FOR HACKATHONS. THEY HAVE WON THE REGIONAL CHAMPIONSHIP TROPHY AND CERTIFICATE WITH THE CASH PRIZE OF RS.10,000 AND THEY ARE MARCHING FORWARD TO FINALS COMPETING WITH ALL THE 4 REGIONAL CHAMPIONS OF THE NATION.

TEAM MEMBERS:

- ★ LIONEL ROSHAN
- ★ RAYHAAN AKTAAR KHAN

MENTORS:

- ★ DR.S.BALAKRISHNAN, HOD-CSBS,
- ★ DR.G.IGNISHA RAJATHI, ASSO. PROF, CSBS

PW SKILLS HACKATHON



Team Techwizards of First year CSBS has emerged one among the Top 6 Position in the PW Skills Hackathon in the Overall Category for presenting their brilliant idea in the Hackathon conducted by iNeuron.ai, Bangalore on 29th and 30th of April 2023.

Team Members

- Abinanthan
- Sasindharan
- Dhanush S
- Gopalakrishnan

Mentor: Dr.S.Balakrishnan, HOD-CSBS.

STUDENT ACCOLADES

HACK_A_NEST HACKATHON



Euphoric success of the enthusiastic technocrats team of CSBS in the Hack_a Nest Hackathon with a cash reward of Rs.1Lakh. Hack_a Nest Hackathon is an exciting event of tech & innovation in Blockchain.

Theme: Blockchain, web 3.0 development using volary blockchain

Team Members:

🌿 Manoranjith Shankar - II CSBS

🌿 Cheran Ravi- II MCT

Mentor: Dr.S Balakrishnan, Head, CSBS.

NMITHACKS'23 WINNER IN BANGALORE



"AI/ML Track Prize" achievement marks the start of an exciting new chapter in our journey towards success in the tech industry.

Team members:

Shrreya SR,
Gowtham .T,
Baraniga S,
Hari balaji V

Mentor:

Dr.Balakrishnan S, Professor and Head- CSBS.

STUDENT ACCOLADES

I CSBS STUDENT - INDIAN HOCKEY TEAM



Poornisha, student of First year CSBS has gained a spot in the Indian Hockey Squad. She will represent India in Asian and World Roller Inline Hockey for the 19th Asian Roller Skating Championship 2023 to be held at China.

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202241064398 A
(19) INDIA	
(22) Date of filing of Application :10/11/2022	(43) Publication Date : 25/11/2022
(54) Title of the invention : REVS (Reflexive Emergency Vehicle Speed Bump)	
(51) International classification :G08G0001000000, A61G0003080000, E01F0009529000, A61G0003000000, E01C0001000000	(71)Name of Applicant : 1)Dr. G. Ignisha Rajathi Address of Applicant :Associate Profes Computer Science and Business Systems, S Engineering and Technology, Coimbatore. 2)Athidya U 3)Karthik Sivanesan M 4)Varun S Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Dr. G. Ignisha Rajathi Address of Applicant :Associate Professor, Computer Science and Business Systems, S Engineering and Technology, Coimbatore. 2)Athidya U Address of Applicant :UG Scholar, Depart Science and Business Systems, Sri Krishna Engineering and Technology, Coimbatore 3)Karthik Sivanesan M Address of Applicant :UG Scholar, Depart Science and Business Systems, Sri Krishna Engineering and Technology, Coimbatore. 4)Varun S Address of Applicant :UG Scholar, Depart Science and Business Systems, Sri Krishna Engineering and Technology, Coimbatore
(86) International Application No :PCT// Filing Date :01/01/1900	
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA Filing Date :NA	
(62) Divisional to Application Number :NA Filing Date :NA	

Patent by :Athidya, Karthik, Varun
under the guidance of: Dr. G Ignisha Rajathi .

STUDENT ACCOLADES

(12) PATENT APPLICATION PUBLICATION (21) Application No.202341029194 A
 (19) INDIA
 (22) Date of filing of Application :21/04/2023 (43) Publication Date : 26/05/2023

(54) Title of the invention : REAL TIME DIGITAL TRAFFIC ASSIST SYSTEM INTRODUCED WITH WIFI ENABLED IOT

<p>(51) International classification :A61M 605000, G04F 100000, H04Q 110400, H04W 720800, H04W 841200</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Sri Krishna College of Engineering and Technology Address of Applicant :Sri Krishna College of Engineering and Technology, Coimbatore</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Dr.S.Balakrishnan Address of Applicant :Professor and Head, Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore Coimbatore</p> <p>2)Dr. G. Ignisha Rajathi Address of Applicant :Associate Professor, Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore Coimbatore</p> <p>3)Lionel Roshan P Address of Applicant :UG Scholar, Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore Coimbatore</p>
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(57) Abstract :
ABSTRACT OF THE INVENTION Statistical Data further reveals that India meets more than 21 crore two-wheelers and over 7 crore four-wheelers being registered. India is one of the principal countries in the world for automobile production. In 2022, the total production was around 22.9 million units. In India the road network is over 6,215,797 kilometres (3,862,317 mi) December 2021. The second largest in the world, after The United States having 6,853,024kilometres (4,258,272 mi). Further the growth in number of vehicles plying the roads has resulted in addition of lanes on the roads, over-bridges and crossway signals etc., which appends to increase the complexity in traffic management and the way in which vehicles ply on the roads, surging vehicle thefts posing a huge task to the authorities to regulate, validate vehicle papers, permits and also the person driving. With the new emerging digital transformation and the technologies like AI, IOT etc., has embedding itself in every aspect of our day today activities. This innovation brings about a cost effective, viable, need of the hour solution with minimum capital investment in which the output overrides the investment. Information on driver console will ease the driving aiding with timely cautions and valuable information to make decisions. Traffic congestion can be definitely minimized or neutralized. AI Signal time scheduling to enable smarter diversion of traffic. Vehicle tracing is simplified and easier. Driver track-down is possible by sinking the WIFI enabled driving license to the onboard unit + user password. With Digital number plates - certificates and validity are made simple with no physical verification. Preventing vehicle trafficking through sinking the onboard unit to the digital number plate + key+ user password to start the engine. All possible information of a vehicle and the person driving it are available instantly without any complex procedures like image reorganization etc., Technique is not dependent on any high end complex networks with internet connectivity. The static Wi-Fi emitter/receiver are solar/battery powered. Connectivity to the control centers are Wi-Fi enabled.

No. of Pages : 13 No. of Claims : 5

PATENT BY: LIONEL UNDER THE GUIDANCE OF : DR. S. BALAKRISHNAN, AND DR. G IGNISHA RAJATHI.

DEVELOPER WEEK LATIN AMERICA 2023 HACKATHON

SUBMITTED TO

 DeveloperWeek Latin America 2023 Hackathon
WINNER DeveloperWeek Latin America 2023 Overall Winner

Search

SORT Select one ▾

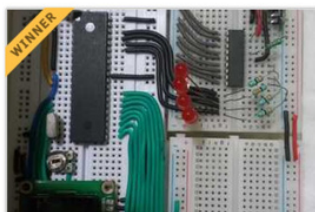
CREATED BY

Describe your contribution

Ex: I worked on the back-end. It was my first time using Node, which was a little intimidating, but I learned a lot.


Save Cancel

 LIONEL ROSHAN



REAL TIME NEUROLOGICAL DISOR

The abstract is an implementation of Health Care Conceptualization by integrating Real Time

 0 0 0

TEAM MEMBERS: LIONEL ROSHAN P MENTOR: DR.G.IGNISHA RAJATHI

A futuristic, blue-toned architectural interior. The scene is dominated by large, curved, metallic-looking structures that create a sense of depth and scale. A bright yellow path leads from the bottom center towards the background. A small, dark silhouette of a person stands on this path, providing a sense of scale. The lighting is dramatic, with strong highlights and deep shadows, creating a high-tech, industrial atmosphere.

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AWARDS CSBS 2023

DARSHAN AWARDS CSBS 2023



DR.S.BALAKRISHNAN, PROF AND HEAD, CSBS – HIGH IMPACT JOURNAL, PATENT GRANTS [INTERNATIONAL[2] AND INDIAN[4]], HACKATHONS[9].

DR.G.IGNISHA RAJATHI, ASSO.PROF, CSBS – BEST FACULTY AWARD, HIGH IMPACT JOURNAL, HACKATHONS [2] & ALUMNI WEBPORTAL DEVELOPMENT TEAM COORDINATOR AWARD, PATENT GRANT.

DARSHAN AWARDS CSBS 2023



MR.R.YASIR ABDULLAH, ASST.PROF, CSBS – SPECIAL CONTRIBUTOR AWARD, HIGH IMPACT JOURNAL & HACKATHON AWARD, INDUSTRIAL TRAINING AWARD.

MR.M.MANICKA RAJA, ASST. PROF, CSBS – YOUNG ACHIEVER AWARD, CAMPUS AMBASSADOR AWARD-WEBSITE

DR.PD.MAHENDHIRAN, ASST.PROF, CSBS- INDUSTRIAL TRAINING AWARD

FACULTY ACHIEVEMENTS



FACULTY ACHIEVEMENTS

DESIGN PATENT GRANT



SKCET: INNOVATIVE ENGINEERING SOLUTION - FIRST DESIGN PATENT GRANT

We are immensely happy to share that we have received the First Design Patent Grant with a Certificate of Registration of Design by the Patent Office, Government of India.

This is the First Design Patent Grant at the Institutional Level inline with the 14 International Grants.

***Title:** Obstacle Avoidance Shoe with Motion Sensors.

UK DESIGN PATENT GRANT



An IOT Based Agriculture Drone for Pesticide Spray designed by Dr. J. Janet, Principal SKCET, Dr. S.Balakrishnan, HoD- CSBS, had received a patent grant.

FACULTY ACHIEVEMENTS

RESOURCE PERSON



Dr. S. Balakrishnan, Professor and Head, Department of Computer Science and Business Systems has served as a Resource Person in the Webinar on “Prototype / Process Design and Development Prototyping” hosted by Gitarattan International Business School, Delhi on May 25 2022. (Part of IIC activity)

RESEARCH AND DEVELOPMENT



Dr. G. Ignisha Rajathi, Associate Professor, Department of Computer Science and Business Systems has published a Book Chapter titled “A warehouse of information, COVID HUB: Data handling made simple!” in the Book “ScienceDirect – Biomedical Engineering Applications for People with Disabilities and the Elderly in the COVID-19 Pandemic and Beyond” on 24.06.2022. (Scopus Indexed)

FACULTY ACHIEVEMENTS

FDP PARTICIPATION



Mr. M. Manicka Raja, Assistant Professor, CSBS has participated in the FDP on "Deep Learning and its applications" organized by the Department of Artificial Intelligence and Data Science, Sri Sairam Engineering College, Chennai during 11.07.2022 to 15.07.2022.

BEST PERFORMER IN THE POSTER DISPLAY



Dr.S.Balakrishnan, Professor and Head, Department of Computer Science and Business Systems, has won Best Performer in the Poster Display held on 21st July 2022 at Sathyabama Institute of Science and Technology, Chennai organized by Institution's Innovation Council and MoE's Innovation Cell.

FACULTY ACHIEVEMENTS

RESEARCH AND DEVELOPMENT



Dr. G. Ignisha Rajathi, Associate Professor, Department of Computer Science and Business Systems has published research papers titled, "Landslide Monitoring and Early Warning System Using Cluster of Sensors and Neural Network", "DNA sequence minimization using Huffman coding algorithm" and "Intelligent Parking System" in the Journals "International Journal of Satellite Communication & Remote Sensing", "International Journal of Digital Electronics" and "International Journal of Satellite Communication & Remote Sensing" respectively in July 2022.

IEEE CONFERENCE SESSION CHAIR



Dr.S.Balakrishnan, Professor and Head, Department of Computer Science and Business Systems has preceded an active role as Session Chair in the 2022 Second International Conference in Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES 2022) sponsored by IEEE held at St.Joseph's Institute of Technology, Chennai during 15-16 July 2022.

FACULTY ACHIEVEMENTS

RESEARCH AND DEVELOPMENT



Mr. Yasir Abdullah. R, Assistant Professor, Department of CSBS has published a scientific research article titled "An Enhanced Anomaly Forecasting in Distributed Wireless Sensor Network Using Fuzzy Model" in "International Journal of Fuzzy Systems", <https://doi.org/10.1007/s40815-022-01349-1>, on 17th August 2022. (SCI indexed with an Impact Factor of 4.085)

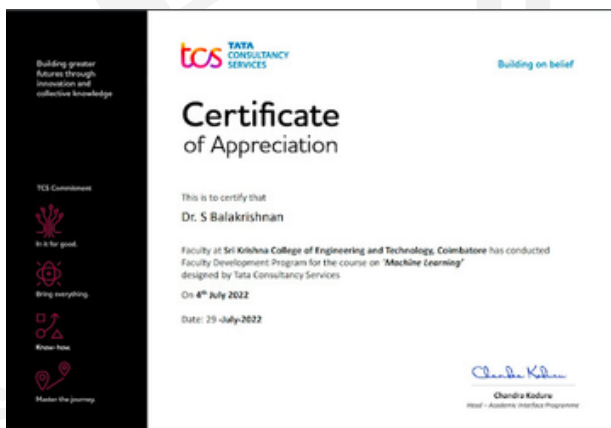
IEEE AMBASSADOR



Dr. S. Balakrishnan, Professor & Head, CSBS has been appreciated from IEEE Madras section for his valuable contribution as a Publicity Ambassador in the IEEE Region 10 Symposium TENSYP-2022, organized by IEEE Bombay section at VMCC, IIT Bombay, India held during 1st - 3rd July 2022.

FACULTY ACHIEVEMENTS

TCS FDP – RESOURCE PERSONS



Dr.S.Balakrishnan, Dr.S.Oswalt Manoj, Mr.P.D.Mahendhiran and Mr.R.Yasir Abdullah, Faculties of Department of Computer Science and Business Systems, have been the Resource Person for the “Faculty Development Programs” organized by Tata Consultancy Services, on 04.07.2022 to 07.07.2022, through Microsoft Teams. The target audience were the Nationwide Faculty Members from the Department of Computer Science and Business Systems.

TRAIN THE TRAINER – FDP ATTENDED



Dr. G. Ignisha Rajathi, Associate Professor, Department of Computer Science and Business Systems, has successfully completed the “Train the Trainer” Faculty Development Programme for the subject “Formal Languages and Automata Theory” organized by TCS, on 30.08.2022, through Microsoft Teams. The session was resourced by Dr.N.Ananthi, Associate Professor and Head, Department of Computer Science and Business Systems, Sairam Engineering College, Chennai, facilitated by Mr.BJ. Mageshwaran, TCS.

FACULTY ACHIEVEMENTS

ELSEVIER JOURNAL REVIEWER



Dr. S. Balakrishnan, Professor and Head, Department of Computer Science and Business Systems has completed three article reviews in the journal "Expert Systems with Applications" on the period of August 2022 and received recognition from Elsevier.

AWS FDP COORDINATOR



Dr. S. Balakrishnan, Professor and Head, & Dr. G. Ignisha Rajathi, Associate Professor, Department of Computer Science and Business Systems coordinated the National level one week faculty development program on "AMAZON WEB SERVICES" from 22.08.2022 to 27.08.2022 organised by BRAINOVISION SOLUTIONS INDIA PVT LTD in association with AICTE, New Delhi.

FACULTY ACHIEVEMENTS

RESEARCH AND DEVELOPMENT



Mrs.F.Margret Sharmila, Assistant Professor, Department of Computer Science and Business Systems has successfully completed one week of Faculty Development Program on "Amazon Web Services" during the period of 22nd August 2022 to 27th August 2022, organized by the GMR Institute of Technology, Rajam in collaboration with Brainovision Solutions India Pvt. Ltd, CSI & All India Council For Technical Education – AICTE.

IEEE CONFERENCE SESSION CHAIR



Dr.S.Balakrishnan, Professor and Head, Department of Computer Science and Business Systems has preceded an active role as Session Chair in the IEEE MysuruCon-2022, 2nd Edition of Mysore Subsection Flagship International Conference Co-organized and hosted by JSS Science and Technology University (SJCE), Mysuru, Academic Partner NITTE Meenakshi Institute of Technology, Bengaluru during 16-17 October 2022.

FACULTY ACHIEVEMENTS

FDP PARTICIPATION



Mrs.F.Margret Sharmila, Assistant Professor, Department of Computer Science and Business Systems has participated Anna University sponsored Six Days Online Faculty Development Programme in CS8082-Machine Learning Techniques by Department of Information Technology at Dr.NGP Institute of Technology, Coimbatore from 04.07.2022 to 09.07.2022.

IEEE MAS BEST RESEARCHER AWARD 2022



Dr. S. Balakrishnan, Professor and Head, Department of Computer Science and Business Systems, has proudly received IEEE MAS Best Researcher Award 2022 for the meticulous research service, by IEEE Madras Section, Chennai at TAG Auditorium, College of Engineering, Anna University, Chennai on 15th October 2022.

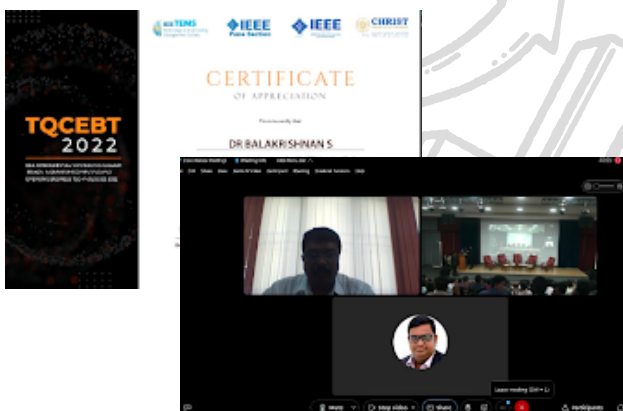
FACULTY ACHIEVEMENTS

IEEE JOURNAL REVIEWER



Dr. S. Balakrishnan, Professor and Head, Department of Computer Science and Business Systems has completed the article review "Deep and Reinforcement Learning-based Decision-making Planning for Autonomous Driving Vehicle: A Review" on October 2022 for publication in IEEE Access.

IEEE KEYNOTE SPEAKER



Dr.S.Balakrishnan, Professor and Head, Department of Computer Science and Business Systems has preceded a Keynote Speaker in the IEEE TEMS Conference "Trends in Quantum Computing and Emerging Business Technologies (TQCEBT 2022)" on October 13 -15, 2022, organized by CHRIST (Deemed to be University), Pune, Lavasa Campus.

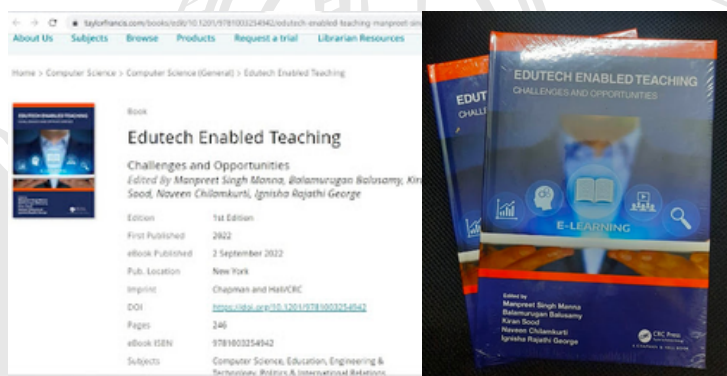
FACULTY ACHIEVEMENTS

SIH EVALUATOR



Dr. S. Balakrishnan, Professor and Head, Department of Computer Science and Business Systems has preceded an active role as Pre-screening Evaluator during in Smart India Hackathon (SIH) 2022, Organized by Ministry of Education, Government of India, MoE's Innovation Cell and AICTE.

"EDUTECH ENABLING TEACHING" IN CRC PRESS – EDITED BOOK AUTHORED



Dr. G. Ignisha Rajathi, Associate Professor, Department of Computer Science and Business Systems has published an edited research book Titled "Edutech Enabling Teaching" in CRC Press, Taylor & Francis Group Book (e-ISBN 9781003254942) 1st Edition, e-Book Published on 2nd September 2022.

<https://doi.org/10.1201/9781003254942>
<https://www.taylorfrancis.com/books/edit/10.1201/9781003254942/edutech-enabled-teaching-manpreet-singh-manna-kiran-sood-balamurugan-balusamy-naveen-chilamkurti-ignisha-rajathi-george>

FACULTY ACHIEVEMENTS

DYNAMIC WOMEN WARRIORS HACKATHON 2023 WINNERS



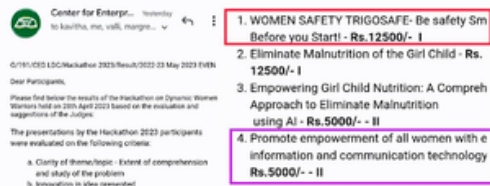
First and the Second places in Hackathon organized by Lady Dock College, Madurai in association with Centre for Entrepreneurial Development and Centre for Women Studies, LDC and IIC, MHRD on 28.04.2023.

Team Members:

- 🌿 Dr.G.Ignisha Rajathi,CSBS
- 🌿 Mrs.F.Margret Sharmila,CSBS
- 🌿 Mrs.M.Fathima,CSBS

Mentor:

- 🌿 Dr.S.Balakrishnan, Prof and Head, CSBS



SOUTH AFRICAN UTILITY PATENT GRANT



An IOT Based Drainage Pipes Cleaning Robot System designed by Dr. J. Janet, Principal SKCET , Dr. S.Balakrishnan, HoD- CSBS, had received a patent grant.

FACULTY ACHIEVEMENTS

Computer Systems Science & Engineering
DOI: 10.32604/csse.2023.024674

Tech Science Press

Article

Brain Tumor Diagnosis Using Sparrow Search Algorithm Based Deep Learning Model

G. Ignisha Rajathi¹, R. Ramesh Kumar², D. Ravikumar³, T. Joel⁴, Seifedine Kadry^{4,5},
Chang-Won Jeong⁶ and Yunyoung Nam^{7,*}

¹Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology, Coimbatore, 641008, India

²Department of Information Technology, Sri Krishna College of Technology, Coimbatore, 641008, India

³Department of Electronics and Communication Engineering, Kings Engineering College, Chennai, 602117, India

⁴Department of Electronics and Communication Engineering, R.M.K. Engineering College, Chennai, 601206, India

⁵Department of Applied Data Science, Noroff University College, Kristiansand, Norway

⁶Medical Convergence Research Center, Wonkwang University, Iksan, Korea

⁷Department of Computer Science and Engineering, Soonchunhyang University, Asan, Korea

*Corresponding Author: Yunyoung Nam. Email: ynam@sch.ac.kr

Received: 27 October 2021; Accepted: 31 December 2021

Abstract: Recently, Internet of Medical Things (IoMT) has gained considerable attention to provide improved healthcare services to patients. Since earlier diagnosis of brain tumor (BT) using medical imaging becomes an essential task, automated IoMT and cloud enabled BT diagnosis model can be devised using recent deep learning models. With this motivation, this paper introduces a novel IoMT and cloud enabled BT diagnosis model, named IoMTC-HDBT. The IoMTC-HDBT model comprises the data acquisition process by the use of IoMT devices which captures the magnetic resonance imaging (MRI) brain images and transmit them to the cloud server. Besides, adaptive window filtering (AWF) based image preprocessing is used to remove noise. In addition, the cloud server executes the disease diagnosis model which includes the sparrow search algorithm (SSA) with GoogleNet (SSA-GN) model. The IoMTC-HDBT model applies functional link neural network (FLNN), which has the ability to detect and classify the MRI brain images as normal or abnormal. It finds useful to generate the reports instantly for patients located in remote areas. The validation of the IoMTC-HDBT model takes place against BRATS2015 Challenge dataset and the experimental analysis is carried out in terms of sensitivity, accuracy, and specificity. The experimentation outcome pointed out the betterment of the proposed model with the accuracy of 0.984.

Keywords: Internet of medical things; healthcare; brain tumor; disease classification; deep learning; metaheuristics

1 Introduction

With the extensive use of equipment in the limited security provisioning, medical sector, and lower power computing device, several security intimidations might occur. The more dangerous security threats



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SCI JOURNAL PAPER PUBLISHED BY
DR.G.IGNISHA RAJATHI

FACULTY ACHIEVEMENTS

Mentorcertificates of NPTEL

MR. R YASIR ABDULLAH



NPTEL **swayam**

CERTIFICATE OF APPRECIATION
is awarded to

YASIR ABDULLAH
SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
NPTEL Online Certification course

ETHICS IN ENGINEERING PRACTICE
JAN - APR 2023

Members Enrolled	Members Present	Score (in %)	Certified (Score in %)				Toppers
			<40	40-59	60-74	75-89	
16	15	5	9	1	0	0	0

PROF. ANDREW THANGARAJ
NPTEL, Coordinator
IIT Madras



NPTEL **swayam**

CERTIFICATE OF APPRECIATION
is awarded to

DR. G. IGNISHA RAJATHI
SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
NPTEL Online Certification course

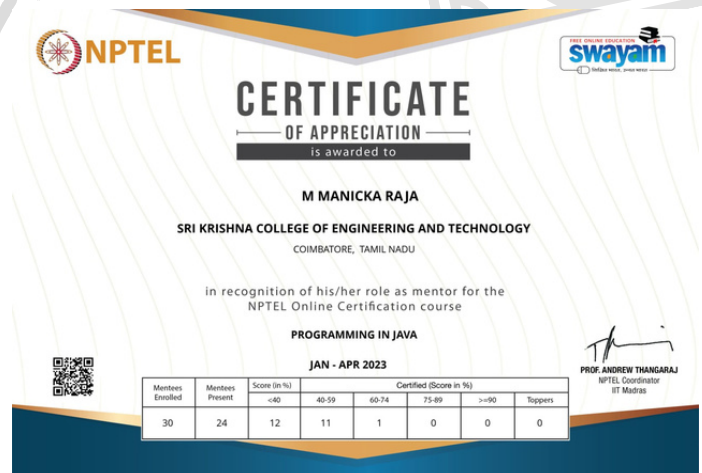
PROGRAMMING IN JAVA
JAN - APR 2023

Members Enrolled	Members Present	Score (in %)	Certified (Score in %)				Toppers
			<40	40-59	60-74	75-89	
24	21	8	10	3	0	0	0

PROF. ANDREW THANGARAJ
NPTEL, Coordinator
IIT Madras

DR. G IGNISHA RAJATHI

MR. M MANICKA RAJA



NPTEL **swayam**

CERTIFICATE OF APPRECIATION
is awarded to

M MANICKA RAJA
SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
NPTEL Online Certification course

PROGRAMMING IN JAVA
JAN - APR 2023

Members Enrolled	Members Present	Score (in %)	Certified (Score in %)				Toppers
			<40	40-59	60-74	75-89	
30	24	12	11	1	0	0	0

PROF. ANDREW THANGARAJ
NPTEL, Coordinator
IIT Madras

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CO-CURRICULAR ACTIVITIES ORGANISED BY CSBS IN AY 2022 – 23

FIRST INAUGURATION OF SYSTRONS



CO-CURRICULAR ACTIVITIES ORGANISED BY CSBS IN AY 2022 – 23

CURRENT TRENDING TECHNOLOGIES IN IT INDUSTRY – OVERVIEW AND ANALYSIS

 SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
Kuniamuthur, Coimbatore 641008

 INSTITUTION'S INNOVATION COUNCIL
Member of the Innovation Council


Department of Computer Science and Business Systems

Cordially invites you all for the Guest Lecture on

*Current Trending technologies in IT industry
- Overview and Analysis*


Mr. S. Parvathy Nathan,
Software Development Engineer - Fullstack,
Quinbay Technologies



 23/07/2022
10:00 AM

Innovation is the ability to see changes as an opportunity – not a threat"



A PATHWAY TO BECOME JAVA FULL STACK DEVELOPER

 SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
KUNIAMUTHUR, COIMBATORE 641008

**DEPARTMENT OF
COMPUTER SCIENCE AND BUSINESS SYSTEMS**

Cordially invites you all for the seminar on

**A pathway to
become JAVA
full stack
Developer**



 Mr. S. Utkan Gupta,
Associate Technical Lead,
RFPIO, Coimbatore

 25.08.2022
Thursday

 10.00 AM

Join with us




Snap Talk and Communication Skill Training



The training focusses to build networks, influence decisions and motivate others through various activities like Time Management Challenge, Four Card Negotiation, Team Survival Challenge, Problem-solving and Decision-Making skills. The power of voice is used to strike meaningful connections and foster relationships.


CO-CURRICULAR ACTIVITIES ORGANISED BY CSBS IN AY 2022 - 23

AN INTRODUCTION TO POC

 **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**
Kuniamuthur, Coimbatore, Tamilnadu, India

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

AN INTRODUCTION TO POC



Dr. Prashant R. Nair, Vice-Chairman - IQAC, Amrita Vishwa Vidyapeetham, Coimbatore

 **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**
Kuniamuthur, Coimbatore, Tamilnadu, India

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

AN INTRODUCTION TO POC





Dr. Prashant R. Nair, Vice-Chairman - IQAC, Amrita Vishwa Vidyapeetham, Coimbatore

09/08/22 09:52 AM




AN INTRODUCTION TO IPR

 **MHRD'S INNOVATION CELL**
Department of Higher Education, Government of India

 **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**
Kuniamuthur, Coimbatore

Department of Computer Science and Business Systems

Guest Lecture




Dr. K. Rajeswar, Assistant Professor, Department of CSE, School of Computing, Core Faculty - Center for Enterprise Technology, College of Engineering and Technology, SEM Institute of Science and Technology, Kattankulathur- TN, India

An Introduction to IPR


FRI | SEPTEMBER 09 | 2022

MCA Seminar Hall

 **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**
Kuniamuthur, Coimbatore, Tamilnadu, India

Department of Computer Science and Business Systems

Guest Lecture



An Introduction to IPR

09/09/22 02:28 PM GMT



CO-CURRICULAR ACTIVITIES ORGANISED BY CSBS IN AY 2022 – 23

IDEATHON



Kuniamuthur, Tamil Nadu, India

WXQ4+3GX, BK Pudur, Sugunapuram East, Kuniamuthur, Tamil Nadu, India

Lat 10.9375665°

Long 76.956167°

15/09/22 02:17 PM



Kuniamuthur, Tamil Nadu, India

sri krishna college of engineering and technology Class Room Block 1, BK Pudur, Sugunapuram East, Kuniamuthur, Tamil Nadu 641008, India

Lat 10.9373878

CO-CURRICULAR ACTIVITIES ORGANISED BY CSBS IN AY 2022 – 23



ONLINE WEBINAR ON CYBERSECURITY

ARTIFICIAL INTELLIGENCE AND ITS APPLICATIONS



CO-CURRICULAR ACTIVITIES ORGANISED BY CSBS IN AY 2022 – 23



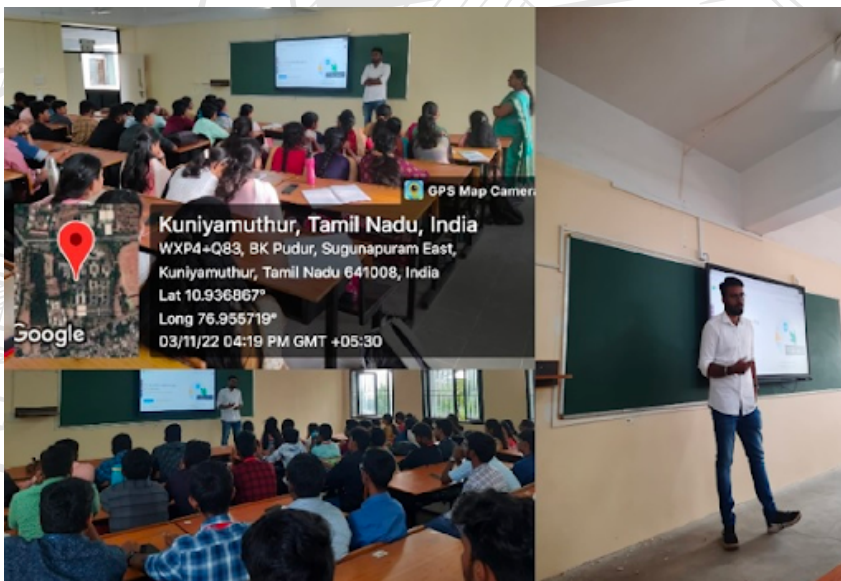
INTRODUCTION TO DOCKER AND KUBERNETES A-HANDS-ON APPROACH

BLOCKCHAIN AND ITS APPLICATIONS



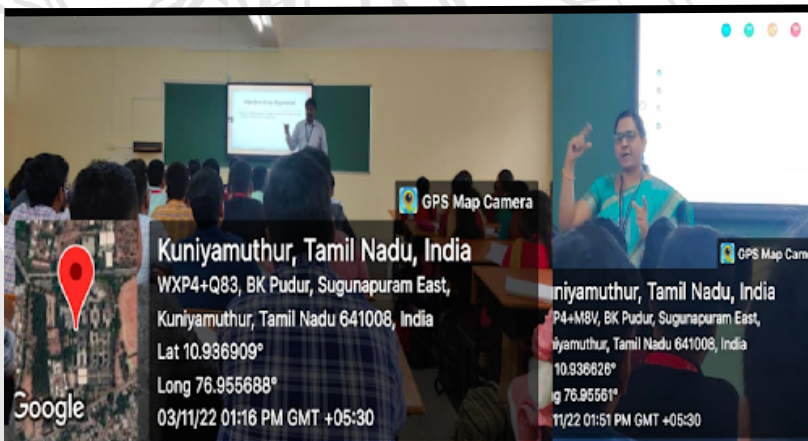
CO-CURRICULAR ACTIVITIES ORGANISED BY CSBS IN AY 2022 – 23

ALUMNI INTERACTION SESSION – I YEAR CSBS



RESOURCE PERSON:
MR. S. PARVATHY NATHAN,
SOFTWARE DEVELOPMENT ENGINEER
- FULLSTACK,
QUINBAY (BLIBLI),
COIMBATORE

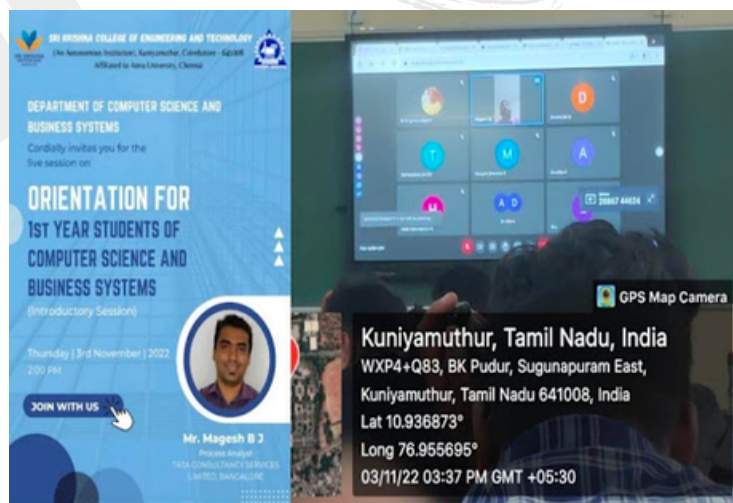
HOD & SENIOR FACULTY INTERACTION SESSION



- The “HOD Interaction” session was addressed by Dr.S.Balakrishnan, Professor and Head, CSBS throwing light on all the important points related to the Curriculum and Syllabus and the best practices of the Department.
- The session was followed by “Senior Faculty Interaction” session addressed by Dr.G.Ignisha Rajathi, Associate Professor, CSBS. The highlights and achievements of the Department of CSBS was shared in this session.

CO-CURRICULAR ACTIVITIES ORGANISED BY CSBS IN AY 2022 – 23

INTRODUCTORY SESSION OF TCS IN CSBS



IDEATING THE ESSENCE OF PRODUCT DESIGN



 **SRI KRISHNA COLLEGE OF
ENGINEERING AND TECHNOLOGY**
Kuniyamuthur, Coimbatore 641008



Department of Computer Science and Business Systems
Cordially invites you all to participate

 **Ideating the essence of Product Design**

 **Mr. SATHIYANARAYANAN G.L**
Application Developer,
Zone Funnel Technology, Coimbatore

Head of the Department
♦ **Dr. S. Balakrishnan**

Co-ordinators
✓ **Dr. G. Igaisha Rajathi**
✓ **Ms. E. Margret Sharmila**

 29/11/2022
10:00 AM to 12:00 Noon

"Ideation without Execution is Delusion"

CO-CURRICULAR ACTIVITIES ORGANISED BY CSBS IN AY 2022 – 23

INDUSTRY REVOLUTION & AUTOMATION

 **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**
KUNIAMUTHUR, COIMBATORE 641008 

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS
Cordially invites you all for the guest lecture on



Industry Revolution & Automation



January 7th, 2023
11.00 AM
MCA Seminar Hall

Pavithran Rajendran Technical Specialist, Bosch Global Software Technologies



DESIGN THINKING

 **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**
KUNIAMUTHUR, COIMBATORE - 641008 

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS



Cordially invites you all for the

SESSION ON -

DESIGN THINKING

DATE : 28.01.2023
VENUE : MCA SEMINAR HALL
TIME : 11 A.M.

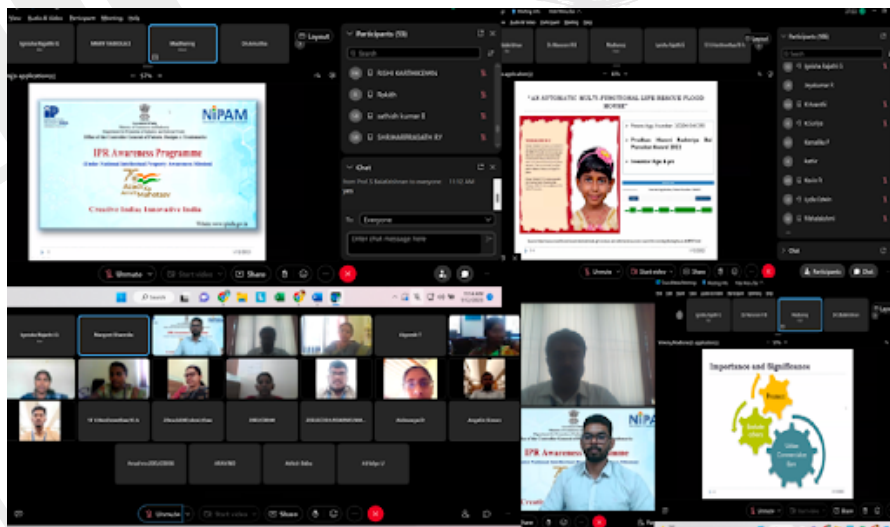


Mr. Parvathy Nathan Sivaram
Software Development Engineer
Quinbay Technologies (BIIB).co
Coimbatore, Tamilnadu



CO-CURRICULAR ACTIVITIES ORGANISED BY CSBS IN AY 2022 – 23

A SESSION ON IPR – UNDER KAPILA SCHEME



BLOCKCHAIN: POTENTIAL APPLICATIONS AND ITS IMPACT

 **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**
KUNIYAMUTHUR, COIMBATORE 641008 

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS



Cordially invites you all for the

**BLOCKCHAIN:
POTENTIAL APPLICATIONS
AND ITS IMPACT**



Dr. K. Anitha Kumari, ME., MBA., Ph.D.,
Associate Professor
Department of Information Technology
PSG College of Technology

DATE: 27.01.2023
VENUE: MCA-SEMINAR HALL
TIME: 11.00 AM



CO-CURRICULAR ACTIVITIES ORGANISED BY CSBS IN AY 2022 – 23

UNLOCK VALUE IN DATA USING DATA VISUALIZATION



Department of CSBS
Organizes

A Seminar

Unlock Value in Data Using Data
Visualization

Chief Guest: Ms. Sreemathy Sampath
Head - Learning And Development,
Linkskill Academy Private Limited, Salem

Venue: MCA Seminar Hall
Date: 14th Feb 2023
Time: 11 AM - 12 PM



SOFT SKILLS TRAINING PROGRAMME BY TCS (15 DAYS)



CO-CURRICULAR ACTIVITIES ORGANISED BY CSBS IN AY 2022 - 23

ACHIEVING PROBLEM-SOLUTION FIT AND PRODUCT MARKET FIT

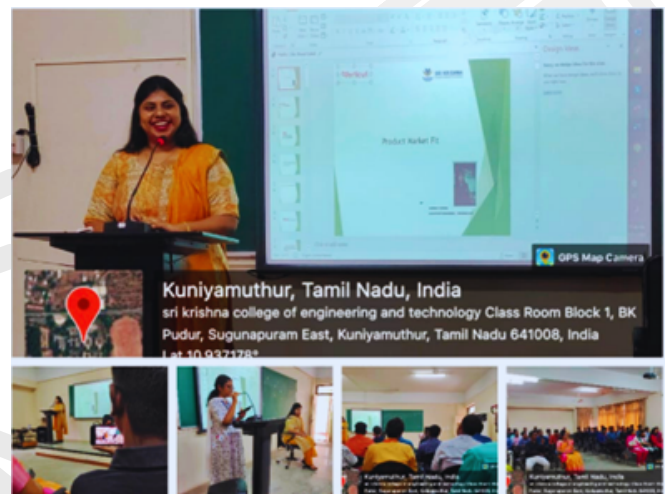
 **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**
Kuniamuthur, Coimbatore-641008
Department of Computer Science and Business Systems
And Civil Engineering

 INSTITUTION'S
INNOVATION
COUNCIL
CORDIALLY INVITE YOU ALL FOR THE

SESSION ON
**Achieving Problem-Solution Fit
and Product-Market Fit**


Ms. Sheeba Kumari
Associate Engineer
Verticuri (A WPP Company)

Date : 31/01/2023
Time : 11 AM
Venu : MCA Seminar Hall



WORLD INTELLECTUAL PROPERTY DAY - CELEBRATION

 Sri Krishna College of Engineering and Technology, Coimbatore
An Autonomous Institution accredited by NAAC with 'A' Grade

Department of COMPUTER SCIENCE AND
BUSINESS SYSTEMS & CIVIL ENGINEERING

 INSTITUTION'S
INNOVATION
COUNCIL

**INTELLECTUAL
PROPERTY DAY**
Innovation starts with you

REGISTRATIONS

**SMARTICUS
(quiz)** **PEN YOUR PATENT**

9.30 AM 2 PM

GUEST LECTURE - 11AM
Dr. D. BALAJI

HEAD - CENTRE FOR INTELLECTUAL PROPERTY RIGHTS
KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY
COIMBATORE.

REGISTRATIONS

**SMARTICUS
(quiz)** **PEN YOUR PATENT**

9.30 AM 2 PM

GUEST LECTURE - 11AM
Dr. D. BALAJI



HEAD - CENTRE FOR INTELLECTUAL PROPERTY RIGHTS
KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY
COIMBATORE.


VENUE : CONVENTION CENTRE
DATE : 4TH MAY 2023




CO-CURRICULAR ACTIVITIES ORGANISED BY CSBS IN AY 2022 – 23

VALEDICTORY SESSION GUEST LECTURE ON PERSONAL FINANCE FOR STUDENTS


 **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**
KUNIYAMUTHUR, COIMBATORE 641008 

 **DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS**
Cordially invites you all for the

VALEDICTORY FUNCTION OF SYSTRONS 22-23
INNOVATION IN PERSONAL FINANCIAL MANAGEMENT - A THOUGHT FOR THE BUDDING LEADERS OF TOMORROW




Dr. Sharan Kumar Shetty
Associate Professor & Governing Body Member
MSN Institute of Management - Mangalore

 **MONDAY**
17
APRIL
2023

3.30 PM
MCA SEMINAR HALL

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS
Cordially invites you all for the

VALEDICTORY FUNCTION OF SYSTRONS 22-23
INNOVATION IN PERSONAL FINANCIAL MANAGEMENT - A THOUGHT FOR THE BUDDING LEADERS OF TOMORROW




Dr. Sharan Kumar Shetty











Chennai, Tamil Nadu, India
Uttur Olcott Kuppan Rf Tennis Court, Custom Colony, Besant Nagar,
Tamil Nadu 605090, India
Lat: 13.061605°
Long: 80.267753°
17/04/23 04:09 PM GMT +05:30

Chennai, Tamil Nadu, India
Uttur Olcott Kuppan Rf Tennis Court, Custom Colony, Besant Nagar,
Tamil Nadu 605090, India
Lat: 13.061605°
Long: 80.267753°
17/04/23 04:49 PM GMT +05:30

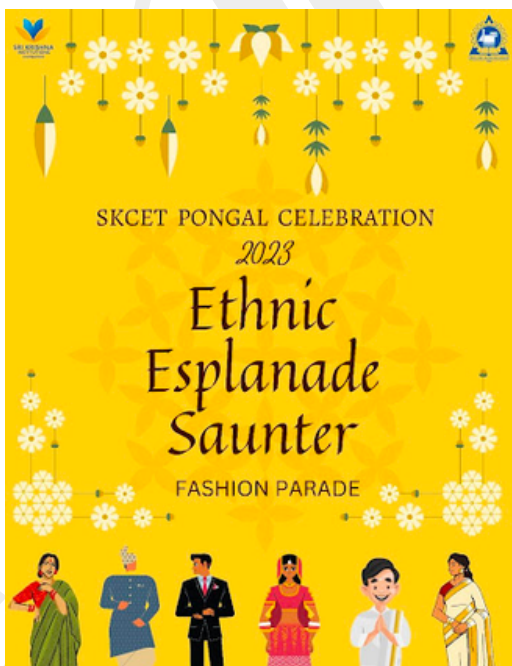
EXTRA C U R R I C U L A R

ACTIVITIES



EXTRA CURRICULAR ACTIVITIES ORGANISED BY CSBS AY 2022 – 23

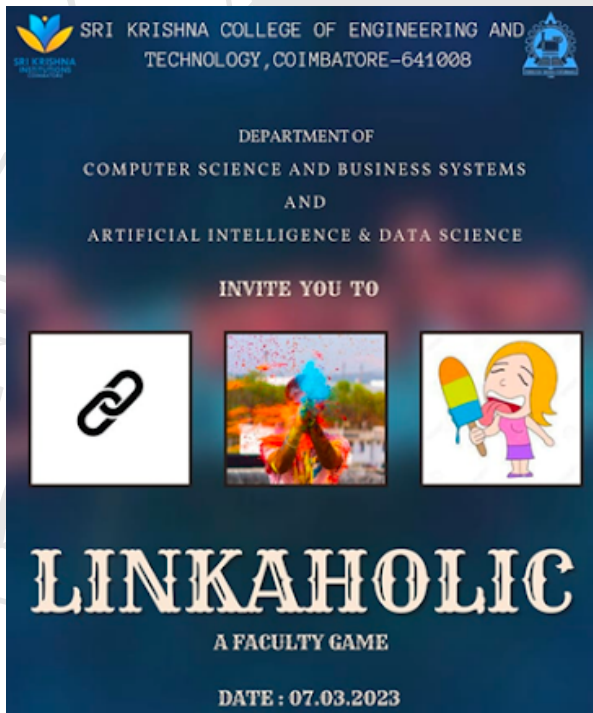
PONGAL DAY CELEBRATION – FASHION PARADE



PONGAL DAY CELEBRATION – POT PAINTING



EXTRA CURRICULAR ACTIVITIES ORGANISED BY CSBS



WOMEN'S DAY CELEBRATION – LINKAHOLIC (FACULTY EVENT)

WOMEN'S DAY CELEBRATION – SYNCOPE (STUDENTS' EVENT)

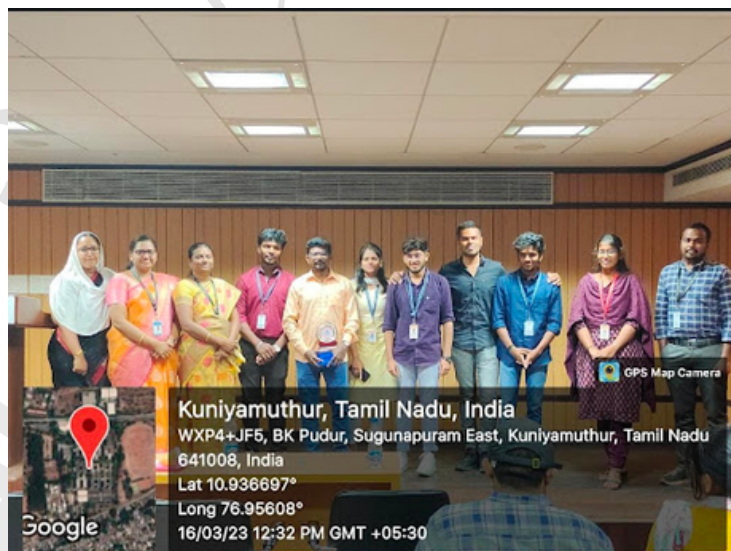


EXTRA CURRICULAR ACTIVITIES ORGANISED BY CSBS

FLASH MOB – DHWANI 2023



SINGALONA & OOLALALA – DHWANI 2023



LIST OF PRESTIGIOUS RECRUITERS



Let's Solve



PayPal



HYUNDAI



BYJU'S



American Megatrends



freshworks



D Mart



YOUR PERFECT BANKING PARTNER



APPLIED DATA FINANCE



Kotak Mahindra Bank



FourKites



evive health



rfpio



ASHOK LEYLAND



BOSCH



DeltaX



sopra steria



Kaar
In Pursuit of Excellence



Brakes India Private Limited



CDKGlobal



Intelligence to Decision Making



FIS



Kaar
In Pursuit of Excellence



embed UR



Ganit
data speak



experion
technologies



epam



SOTI
We Manage Mobility



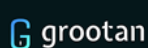
BAHWAN
CYBERTEK



BETTER INSIGHTS, BETTER DECISIONS



Craftsman
AUTOMATION



grootan



KARVY
STOCK BROKING



kovai.co



BUDDI.AI



Mu Sigma



MAERSK



Grant Thornton



Turbo Energy Ltd
A Unit of TVS Group



wavicle
DATA SOLUTIONS



Informatica



Hewlett Packard
Enterprise



Solutions & Services for Cloud



enquero



iexceed



Infoview



Sundram Fasteners Limited



IndusInd
Bank

LIST OF PRESTIGIOUS RECRUITERS



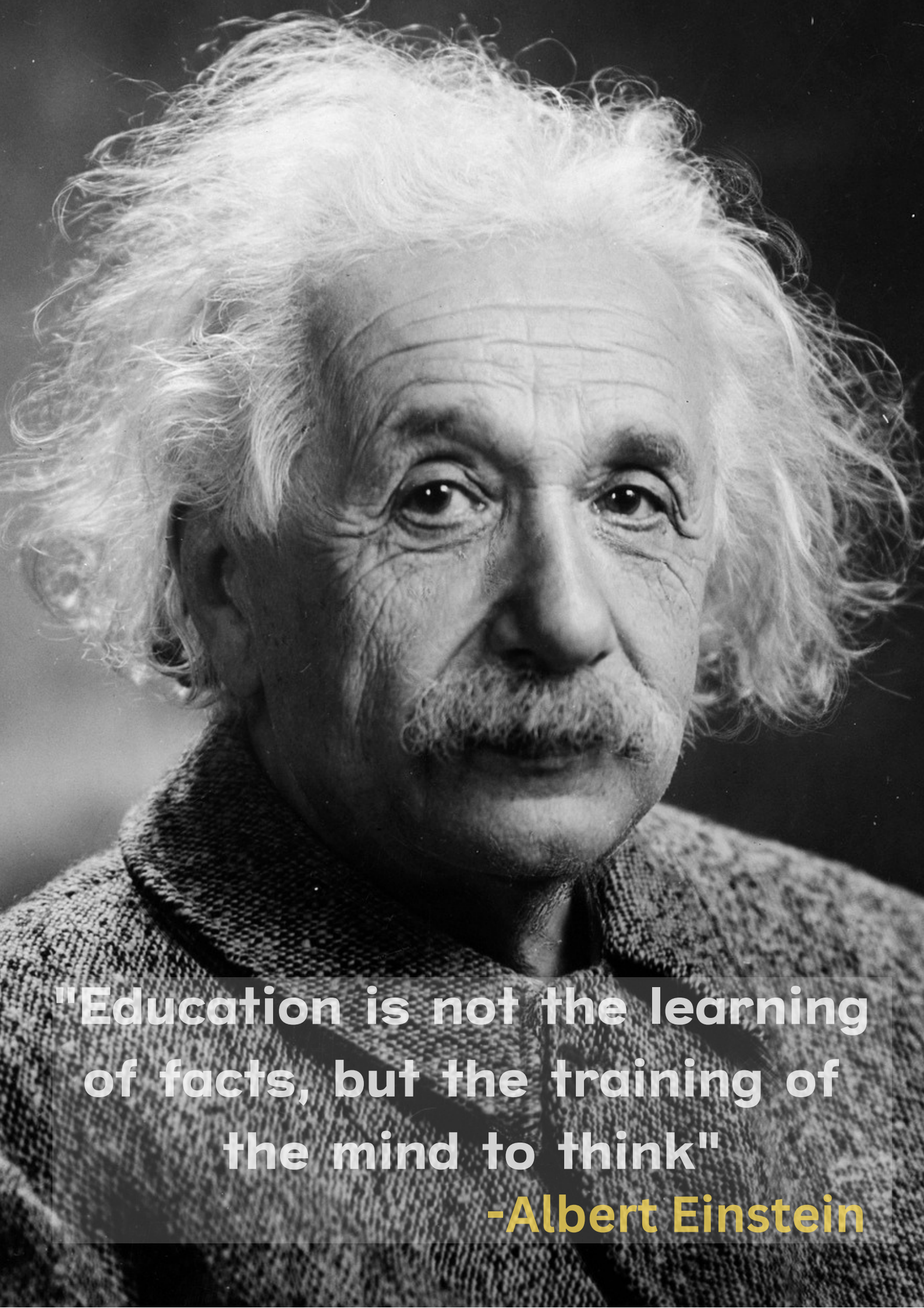
ACKNOWLEDGEMENT



In the present world of competition, there is an existence of race for coming forward with success. The Magazine and Video Creation stand as a testament to the talent, dedication, and teamwork of the Systrons Team. The success of the Systrons work would not have been possible without the invaluable guidance and leadership of our HOD, Dr. Balakrishnan. Ignisha Rajathi mam has been a magnificent bridge of support who was instrumental in the creation of the magazine and video. The mentorship of Fathima Mam really lightened our path. We are extremely grateful for the support and encouragement of the faculty from the department of CSBS. Their expertise and vision empowered the team to deliver their best work, elevating the quality and impact of the magazine and video. We are obliged to thank the supreme power for our success.

The magazine team worked proactively and gave their immense energy into it. Starting with our effective leader Hari Balaji, who has motivated the team to create the masterpiece. The magazine editing team, comprising Baraniga, Lalith kishore, and Gowtham, showcased their exceptional creativity and design skills to craft an enthralling magazine. It became a visual treat, illustrating the department's accomplishments, research endeavors, and academic contributions. Charumathi, as the director and video editor, along with Varshini and Laranya, demonstrated their prowess in creating captivating videos. Their meticulous attention to detail and artistic flair has resulted in a captivating video that engages and inspires. Hiba and Christina lent their voices to the video, their eloquent narration and impeccable delivery enhanced it. Ethin, Arshath, and Harinee exhibited their expertise in videography, capturing stunning visuals that added depth and professionalism to the video. Dharshan's exceptional talent in scriptwriting provided a strong foundation for the video content, ensuring seamless and effective communication. Each member of the team has contributed their unique talents and expertise, working together harmoniously to achieve exceptional results. We are immensely proud of the collective achievements and the positive impact. Overall, it was a great experience in building and showcasing the memorable moments.





**"Education is not the learning
of facts, but the training of
the mind to think"**

-Albert Einstein