

Department of Information Technology

Since 1996

Pioneer in the country



Dr. V. Vidhya

Head of the Department



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Email Id



Department of Information Technology.

About Department of Information Technology

In 1996, Sri Venkateswara College of Engineering pioneered the introduction of the B.Tech degree programme in Information Technology under the affiliation of University of Madras. This is the first of its kind in Indian Universities. The department fulfills the requirements for the award of B.Tech Degree of Anna University.

The Venture was initiated under the guidance of our patron Dr.A.C.Muthiah and with the blessings of the Kanchi Paramacharya. When we started, the batch size was 30. This increased to 60 in 1998 and scaled up to 120 by the year 2000. Our growing numbers is indicative of the highly qualified and extremely dedicated teaching faculty of the department who strive for excellence in every sphere of their expertise.

It is the constant endeavor of the department to be in touch with changing needs of the IT Industry so as to be responsive in terms of modifications and introduction of new courses to adapt to these technological changes.

Vision

To produce higher caliber technologists and scientists for helping the country to attain new heights in Information Technology research and industrial needs to provide leadership in the field of technical education.

Mission

1. To develop the department into a "Centre of Excellence in Information Technology" offering engineering education to the students at Undergraduate, Postgraduate and Doctoral degree levels.
2. To build students' total personality emphasizing ethical values, and nurture them to meet the growing challenges in the Information Technology industry.
3. To examine the research challenges and cater diverse societal needs of the Nation.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- 1.The graduates of Information Technology program will demonstrate themselves as leading professionals.
- 2.The graduates of Information Technology program will be equipped with the necessary skills to become proficient researchers.
- 3.The graduates of Information Technology program will demonstrate their abilities as successful entrepreneurs.
- 4.The graduates of Information Technology program will excel in higher studies or modern administrative services.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- 1.Exhibit proficiency in examining standard business operations in order to create and implement suitable Information Technology solutions.
- 2.Demonstrate the ability to establish an IT infrastructure, effectively manage resources, and ensure data security.

PROGRAMS OFFERED

B.Tech (Information Technology)

Since 1996

**M.E Computer Science Engineering
(NETWORKS)**

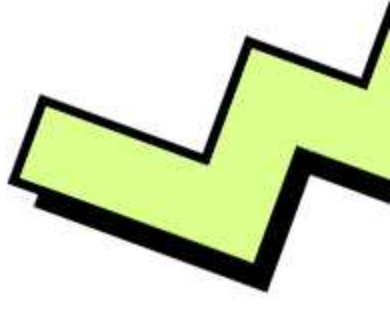
2013-2021

**M.Tech Cyber Forensics and
Information Security**

Since 2021

**Ph.D(Faculty of Information and
Communication)**

Since 2011



MOU SIGNED WITH INDUSTRIES

- M.P Police Reforms
- M/S. Imarticus Learning Pvt Ltd
- Infosys Limited
- Write IT solutions Pvt LTD
- Amvion labs Pvt Ltd
- Virtusa Consulting Services
- Quadrel Systems Pvt Ltd
- Mastermind Academy
- Worldline Global Services Pvt Ltd
- Taylor's University
- IBM



SCHOLARSHIPS OFFERED



- Merit cum Means Scholarships
- Economic Means Scholarships
- Sports Scholarships
- Alumni Scholarships

PUBLICATIONS AND PATENTS

Faculty members have published 50 research and review articles, granted with 7 patents and published 5 patents.

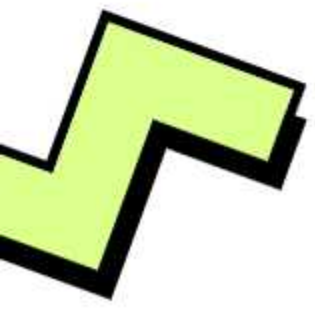
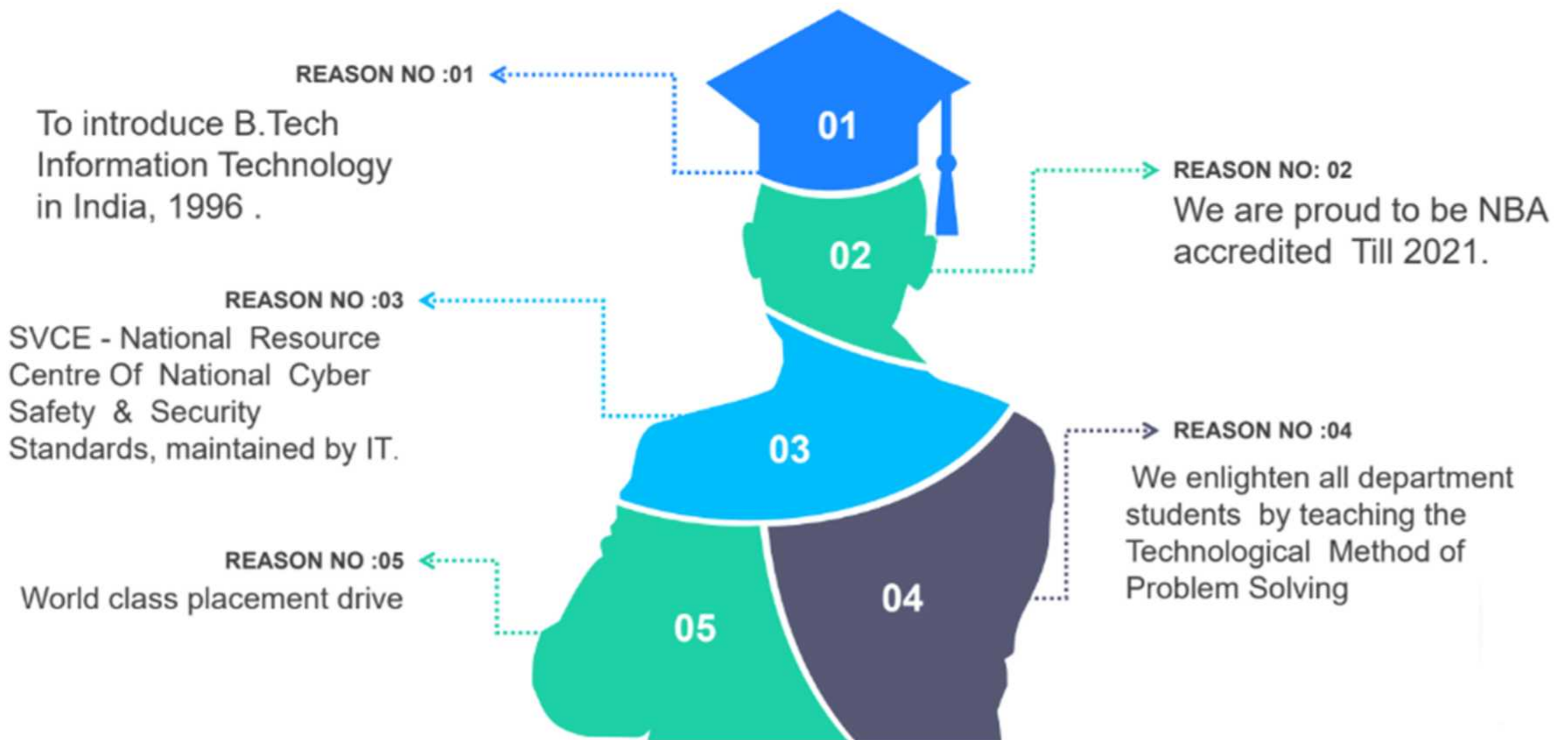
Funded Project



The Department received a grant from ISRO, TNSCST and AICTE for sponsored research, organizing training programs and conferences.



Why IT @ SVCE?



INFRASTRUCTURE

Internet of things and cyber physical systems laboratory



Network and cyber security lab



Programming Laboratory



Modern Computing Laboratory



Natural Language Processing and data science laboratory



Department Library



Recruiters

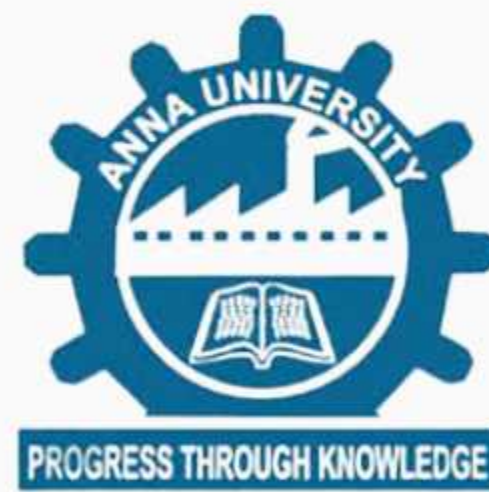
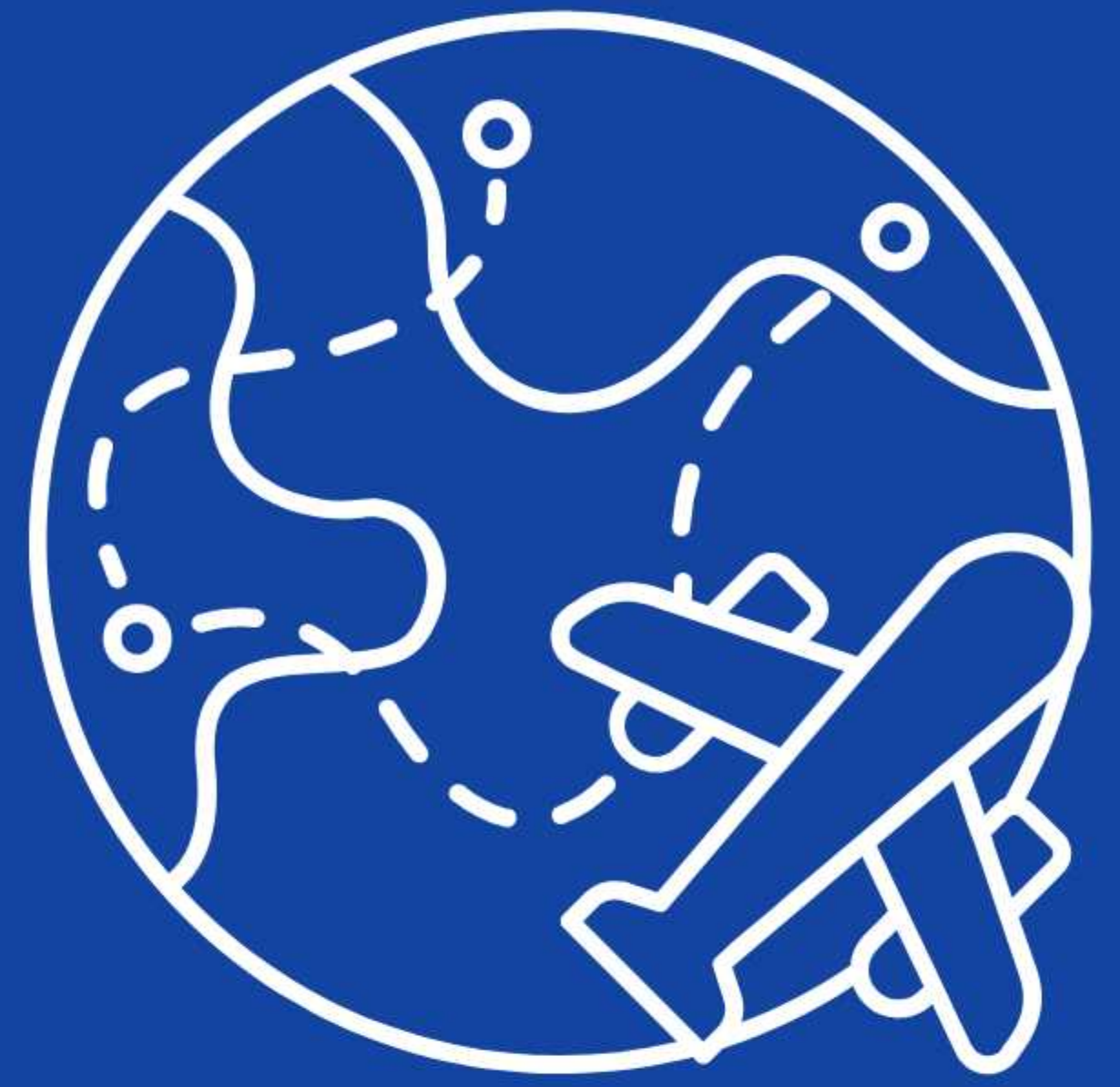


Mu Sigma
DO THE MATH





Alumni Pursuing Higher Education



ENTREPRENEURSHIP



LAURELS

Svce Pro - The official app of SVCE



Svce Pro - The official app of SVCE

AI Based Autonomous Drowning Rescue Device



கா.சு.வேலாயுதன்

velayuthan.kasu@kamadenu.in

நீர்நிலைகளில் தத்தளித்துக் கொண்டிருப்பவர்களை மீட்க ஒரு புதிய சாதனத்தைக் கண்டுபிடித்திருக்கிறார்கள் சென்னை வெங்கடேஷ்வரா கல்லூரி மாணவர்களான முகம்மது ஷபி, அஜய் கார்த்திக், கிஷோர் மற்றும் ஜெயபுரீ ஆகியோர்.

MOBILE APP FOR THE POLICE DEPARTMENT DEVELOPED AND MAINTAINED BY OUR STUDENTS



ரோந்து போலீஸை கண்காணிக்கும் புதிய செயலி அறிமுகம்

|| ஸ்ரீபெரும்புதூர் தமிழகத்தில் ரோந்து பணியில் ஈடுபடும் காவலரை கண்காணிக்க, பொறியியல் மாணவர்கள் கண்டறிந்த புதிய செல்போன் செயலியை வடக்கு மண்டல காவல் துறை தலைவர் நாகராஜ் அறிமுகப்படுத்தினார்.

நேற்று ஸ்ரீபெரும்புதூரில் நடைபெற்ற நிகழ்வில் வடக்கு மண்டல காவல் துறை தலைவர் பி.நாகராஜ், சிறப்பு அழைப்பாளராக கலந்துகொண்டு 'ச டீ' என்ற இந்தச் செயலியை அறிமுகம் செய்து வைத்தார். ஸ்ரீபெரும்புதூர் கோட்டத்துக்கு உட்பட்ட 5 காவல் நிலையங்களில் சுமார் ரூ.70 லட்சம் மதிப்பில் முக்கிய சாலை சந்திப்புகள் மற்றும் கடைவிற்களில் 54 சிசிடிவி கேமராக்கள் ஏற்கெனவே பொருத்தப்பட்டுள்ளன. இதில் குற்றப் பின்னணி உள்ள



▲ ரோந்து போலீஸுக்கு உதவி செய்யும் 'ச டீ' செயலியை அறிமுகப்படுத்தி, செயலி அடங்கிய செல்போனை வடக்கு மண்டல காவல் துறை தலைவர் பி.நாகராஜ் போலீஸுக்கு வழங்கினார்.

களை பாராட்டுகிறார். இதன் மூலம் ரோந்து காவலர்கள் தங்கள் பணிகளை ஒழுங்காகச் செப்டிமீட்டர் களா என்பதை உதவி ஆய்வாளர் முதல் உயர் அதிகாரிகள் வரை அனைவரும் கண்காணிக்க முடியும். மதுப்பயாக மற்ற பகுதிகளுக்கும் விரிவுபடுத்தப்படும் என்றார்.

இந்தச் செயலியை உருவாக்கிய ஸ்ரீபெரும்புதூரில் உள்ள தனியார் பொறியியல் கல்லூரி மாணவர்களான ஹரிஸ் ஆனந்த்ராமன், ஸ்ரீதித்தி, தியக் ராஜ் ஆகியோர் களூப்பினர். "காஞ்சிபுரம் மாவட்ட போலீஸாருக்காக 'ச டீ' என்ற இந்தச் செயலியை உருவாக்கி இருக்கிறோம். ரோந்து போலீஸாருக்கு மிகவும் உதவியாக இந்தப் புதிய செயலி அறிமுகப்படுத்தப்பட்டிருக்கிறது. இதன் வரவேற்பை பொறுத்து செயலியில் மேலும்

தொழில்நுட்பம் கொண்ட கேமராக்களும் பொருத்தப்பட்டுள்ளன. இவற்றின் செயல்பாட்டையும் அவர் தொடங்கி வைத்தார். இதைத் தொடர்ந்து 'ச டீ' செயலி அடங்கிய 15 கைப்பேசி

பின்னர் செயலியாளர்களிடம் வடக்கு மண்டல காவல் துறை தலைவர் பி.நாகராஜ் கற்பிப்பதாவது தமிழகத்தில் முதன்முறையாக அறிமுகப்படுத்தப்படும் இந்த புதிய செயலி அடங்கிய 15 கைப்பேசி 'ச டீ' செயலி காவல் துறைக்கு

MOBILE APP FOR THE CONSERVATION OF TURTLES - TURTIFY

Now, an app to help in olive ridley turtles' conservation

Turtify has been developed by two engineering students

VIVEK NARAYANAN
CHENNAI

Two students of a private engineering college have come out with a mobile application that can come in handy for the Forest Department to pool in data for conservation of olive ridley turtles and their eggs.

Known as Turtify, the application has been created by Harish Anantharaman and Abdullah Mubarak, two final year Information Technology students of Sri Venkateswara College of Engineering, Sriperumbudur. The two are members of the CARE - the Eco Club of the college.

"T. Murugavel, professor and head, Department of Humanities and Social Sciences, introduced us to the world of ecology. We went for turtle walk and spoke to members of Students Sea Turtle Conservation Network (SSTCN) and forest officials to get an idea of what they need," said Mr. Harish.

Based on the inputs given by the Forest Department, the students designed the mobile application to help conservationists, who take



A screen shot of the app

walks, the conservationist take the eggs, measure details such as the cavity width of the nest, distance between the surface and eggs, neck width of the nest among other details," he said.

Subsequently, the details of every nest, eggs translocated, hatched, hatchlings released are recorded manually. However, this data is not stored in an online repository. Due to this, sharing data to other teams and to the Forest Department becomes a huge task apart

ted. "By using the Turtify app, all the teams can enter their relevant data onto the application. When a nest is being reported, the exact location of the user is arrived upon and after this they can proceed to fill in the details of the nest," said Mr. Harish.

Similarly, the number of hatchlings released and their location can also be recorded. The user can also provide pictures of the nest, all of which is uploaded onto a cloud repository. Once data is fed, other users of the app who belong to the same organisation would receive a push notification on their phones.

Data safety

The Turtify app implements high standards of encryption to make data storage as secure as possible. "Users can report injured or even dead turtles that they come across. The app also provides general information about the turtle species and a brief about the Turtle walks that take place in Chennai," said Mr. Murugavel. The students gave a presentation about the application last year. "But it is yet to be taken up by the Forest

Students develop app to map house sparrows

Oppili.P@timesgroup.com

Chennai: To map the dwindling sparrow population, students of the eco club at Sri Venkateswara College of Engineering have developed a mobile application for public use to crowdsource information about the bird.

To mark International Sparrow Day on March 20, the app, 'SoS— Save Sparrow', allows users to pin the location where a house sparrow is sighted. "Users can take a photograph of the bird or its nest and this data can be uploaded. Using this app a spar-



INT'L SPARROW DAY

row map in the city can be created that shows the distribution of the bird in various parts of Chennai. Af-

ter recording sizeable sightings, this data will be transferred to the e-bird portal," said K Jaswanth, one of the student who developed the app.

The eco club along with Environmental Monitoring and Action Initiating (EMAI) is part of the team that developed the app. Vishnu Kumar of EMAI said, the organization is also distributing sparrow nests that can be kept in residential areas.

"Before taking the nests, residents have to confirm that sparrows have been spotted in their neighbourhood," said Sanjay, another EMAI volunteer.

Principal of the college Ganesh Vaidyanathan said: "The project sparrow was initiated by the eco club five years ago. Now, the students have used technology to make a difference in nature conservation."

Nests have been distributed in some of the residential areas in north Chennai such as Royapuram, New Washermanpet, Thiruvottiyur, Man-nady, Parrys Corner and Chintadri-pet as these areas have old tiled houses, which attract sparrows.

Those wish to take a nest can contact 9840619193. Android users can download the app from PlayStore.

MOBILE APP FOR MONITORING SPARROWS DEVELOPED AND MAINTAINED BY IT STUDENTS - HOUSE SPARROWS

LAURELS

**MR. ARYAN SRIKUMAR AND MR. MADHAV HARI
(2018-2023 BATCH)
BEST DIRECTOR- SILVER FRAMES SHORT FILM COMPETITION
24TH MARCH 2022**



**MS KAAVIYA BASKARAN (2017-21 BATCH) RECEIVED AWARD
FROM GOVERNOR OF TAMILNADU IN INTER COLLEGIATE
ENGLISH ORATORICAL COMPETITION**



PROMINENT ALUMINI



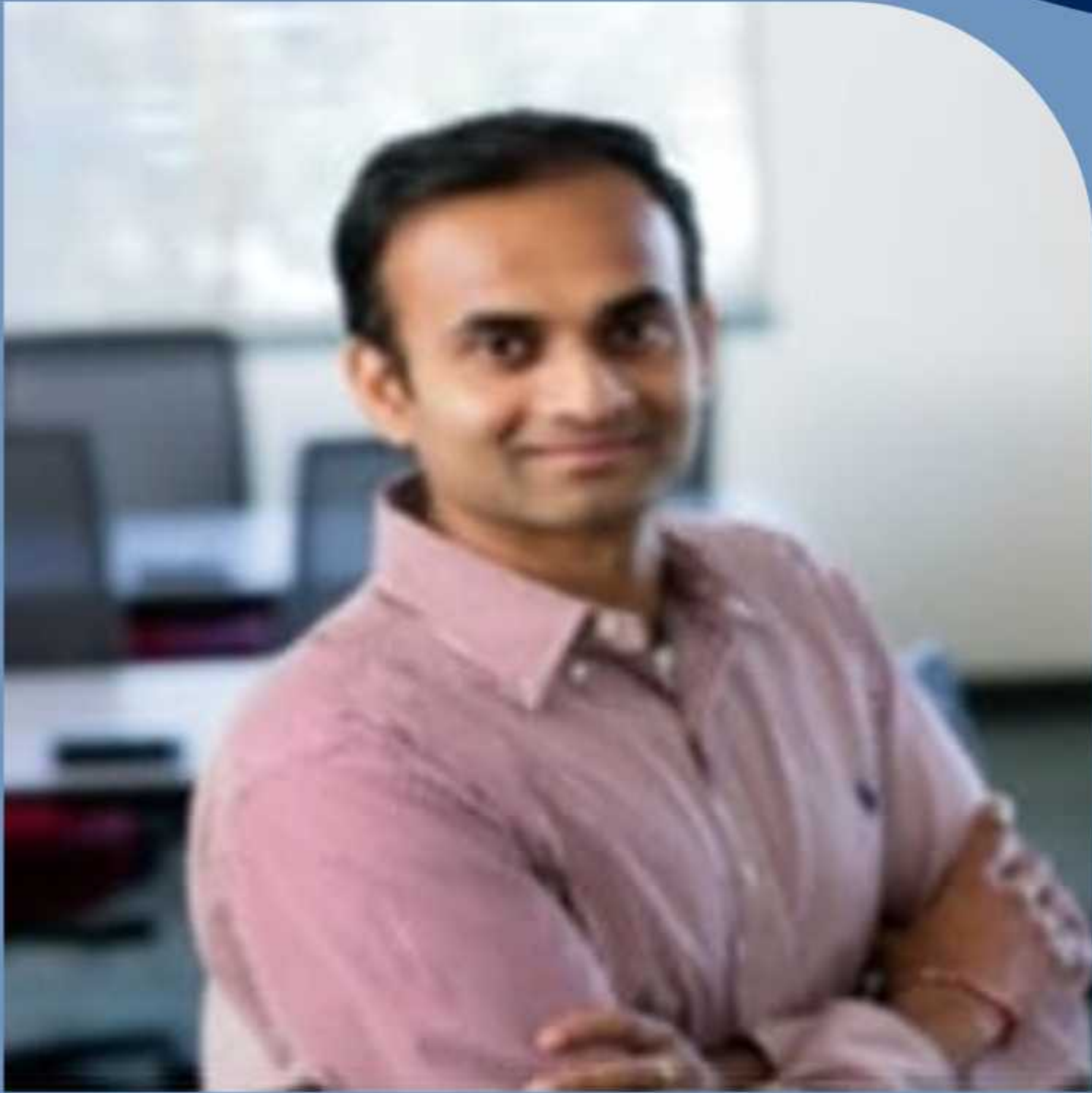
Mr Harikumar N
Senior Researcher
Ericsson Research Lab Pvt Ltd. Chennai
[2004 - 2008]

RECEIVED
DISTINGUISHED
ALUMNI AWARD
[2017-2018]



Ms. J. Priyadharshini – IAS
Commissioner, Municipal
Corporation, Bhagalpur, Bihar
[2008-12]

PROMINENT ALUMINI



Mr. Karthick Jupudi

Enterprise Architect

(AWS business group)

Cognizant Philadelphia

[1996-2000]

Dr. Karthick Pattabiraman

Associate professor

Univ. of British Columbia

Vancouver

[1997-2001]



Mr. Srijit Kamath

Assistant Professor

Therapeutic Radiology

Regional chief physicist US

[1996-2000]



ALUMNI AS ENTREPRENEURS



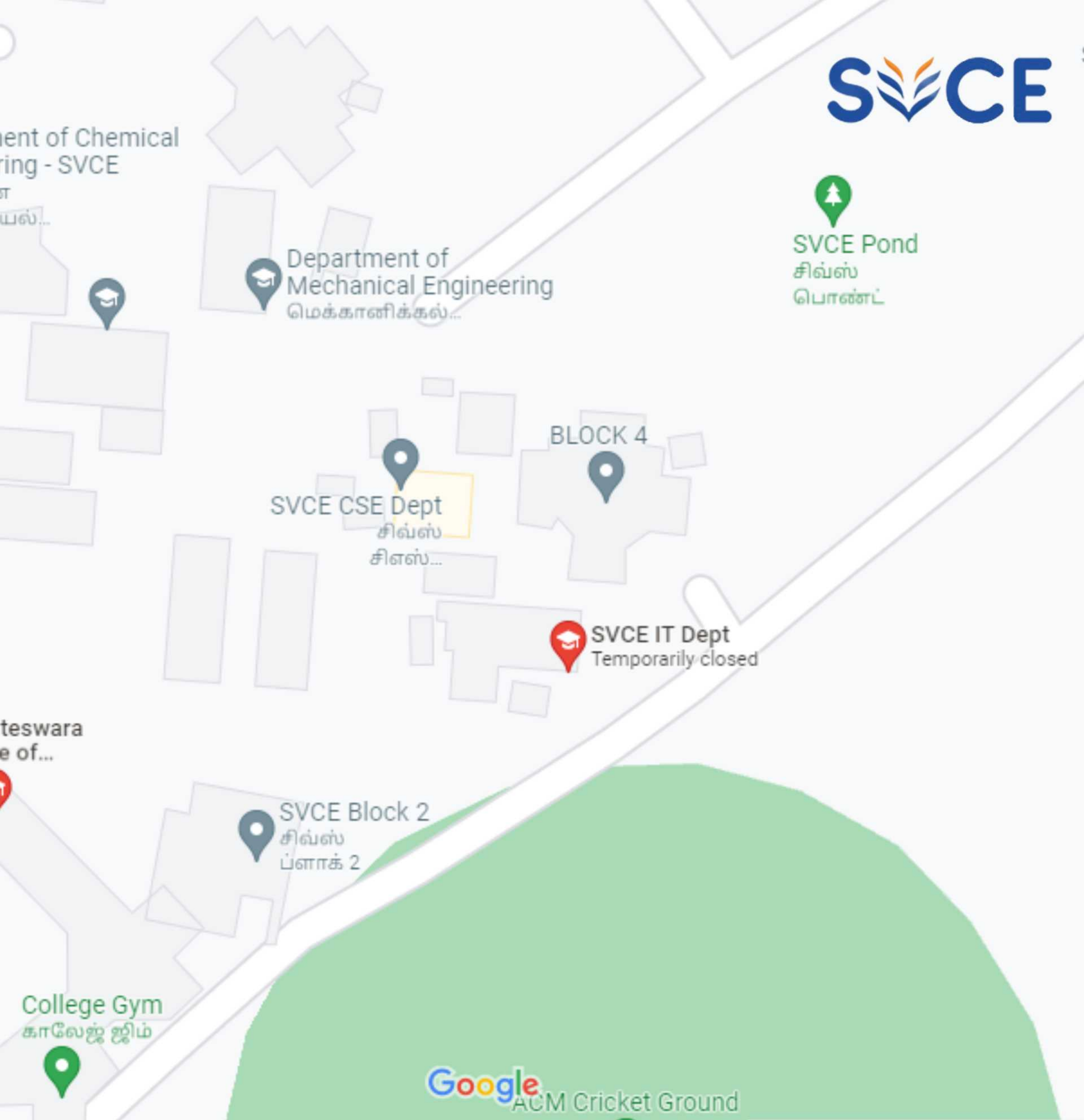
Mr. Vignesh Ganesan
Co-founder at Press9
solutions
[1998-2002]

Mr. Praveen J
Director at Propeltree
Business
Strategist|Design
Specialist
[2004-2008]



Mr. Prasad
Co-founder
Mindset Technologies
Private Limited
[2006-2010]





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