

SKCET



Buzz

19th – 25th March 2022



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Happy Reading!



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HACKATHON ACCOLADES

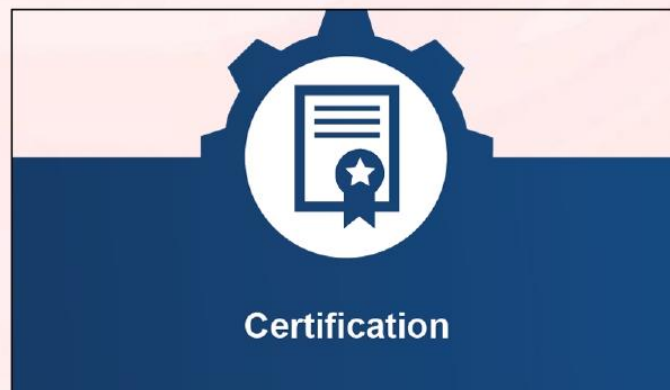
CSBS | TCS HACKQUEST



Kabilan student of **Final** year **CSBS** has been announced as the winner of **TCS HACKQUEST** Season 6. He has been awarded MacBook Pro and also an excellent job opportunity with Rs.12LPA.

About HACKQUEST:

HackQuest 2022 is a program/ contest introduced by India's most reputable organization, TCS - Cyber security Unit. TCS HackQuest is a Campus Level cyber security-based competition similar to other Capture the Flag(CTF) events conducted across the globe for finding the maximum flags in a duration of six hours.



STUDENT CERTIFICATION

CIVIL | VISAI PROJECT PRESENTATION

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms. Abhinaya R, from Sri Krishna College Of Engineering And Technology, has presented his / her project titled Interlocking Blocks under the theme Sustainable Cities And Communities in 12th International Project Competition (VISAI 2022) held on 24th February 2022 organized by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai.

B. Senthil Kumaran Theme - Coordinator
Dr. P. Chandrakumar Dean - Industry Relations
Prof. C.S. Sivakumar Convener

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms. Charutha A.D. from Sri Krishna College Of Engineering And Technology, has presented his / her project titled Interlocking Blocks under the theme Sustainable Cities And Communities in 12th International Project Competition (VISAI 2022) held on 24th February 2022 organized by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai.

B. Senthil Kumaran Theme - Coordinator
Dr. P. Chandrakumar Dean - Industry Relations
Prof. C.S. Sivakumar Convener

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms. Lakkesh Kumar . S, from Sri Krishna College Of Engineering And Technology, has presented his / her project titled Low Cost Soil Remediation Using Cynodon Dactylon, under the theme Life On Land in 12th International Project Competition (VISAI 2022) held on 24th February 2022 organized by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai.

S. Raghavendran Theme - Coordinator
Dr. P. Chandrakumar Dean - Industry Relations
Prof. C.S. Sivakumar Convener

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms. Rashmi D, from Sri Krishna College Of Engineering And Technology, has presented his / her project titled Low Cost Soil Remediation Using Cynodon Dactylon, under the theme Life On Land in 12th International Project Competition (VISAI 2022) held on 24th February 2022 organized by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai.

S. Raghavendran Theme - Coordinator
Dr. P. Chandrakumar Dean - Industry Relations
Prof. C.S. Sivakumar Convener

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms. Rashmi D, from Sri Krishna College Of Engineering And Technology, has presented his / her project titled Low Cost Soil Remediation Using Cynodon Dactylon, under the theme Life On Land in 12th International Project Competition (VISAI 2022) held on 24th February 2022 organized by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai.

S. Raghavendran Theme - Coordinator
Dr. P. Chandrakumar Dean - Industry Relations
Prof. C.S. Sivakumar Convener

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms. Balasurya L, from Sri Krishna College Of Engineering And Technology, has presented his / her project titled Sustainable Development In Existing Buildings, under the theme Sustainable Cities And Communities in 12th International Project Competition (VISAI 2022) held on 24th February 2022 organized by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai.

B. Senthil Kumaran Theme - Coordinator
Dr. P. Chandrakumar Dean - Industry Relations
Prof. C.S. Sivakumar Convener

CIVIL | VISAI PROJECT PRESENTATION



Following students from the Department of **Civil Engineering** have presented their project work on various themes in the 12th International Project Competition (VISAI 2022) held on 24.02.2022 organized by Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai.

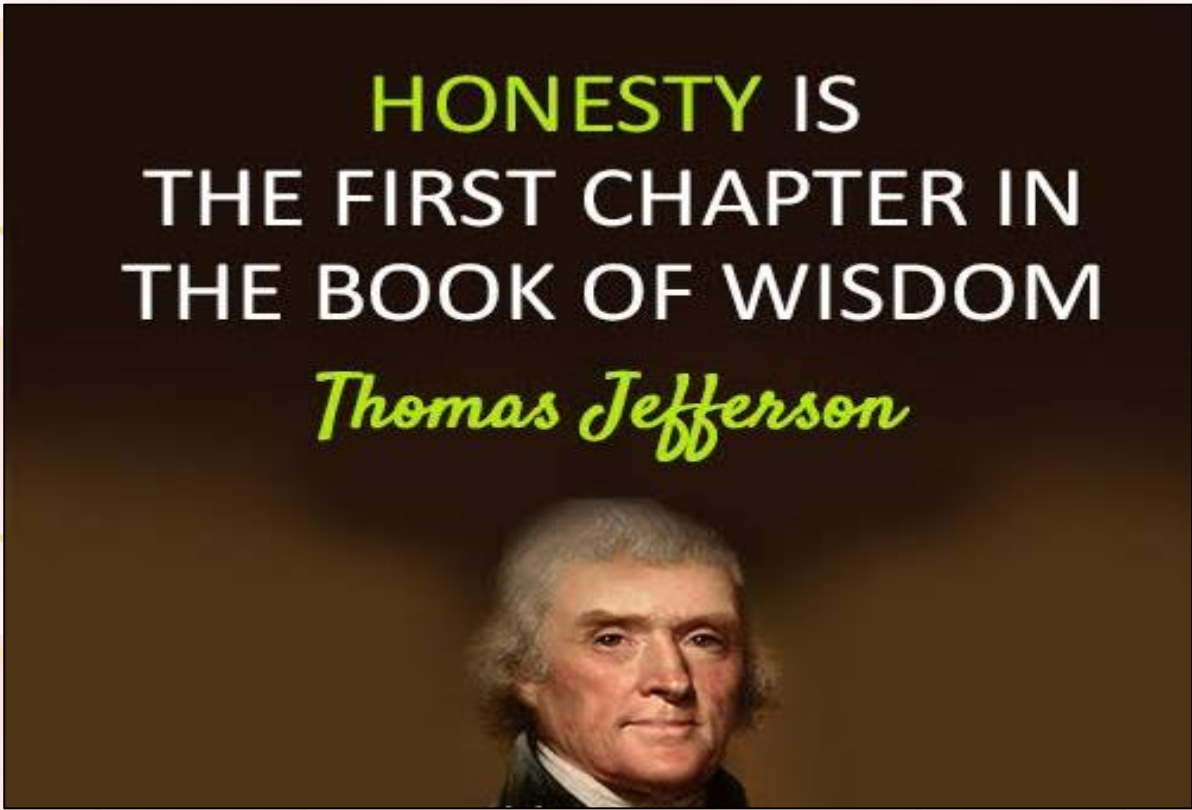
S.No	Name of the student	Theme of the project
1	Abinaya R	Sustainable Cities and Communities
2	Charuthy A D	Sustainable Cities and Communities
3	LokkeshKumaar S	Life on Land
4	HarshaVarthan G	Life on Land
5	Rashmika D	Life on Land
6	Balasurya L	Sustainable Cities and Communities
7	Libanesh S	Sustainable Cities and Communities
8	Mani Bharathi K	Sustainable Cities and Communities

MECH | AAKRUTI 2021



Naveenraj N, JavidFirnas S and Pradeep S, students of Third year Mechanical Engineering have received certificate of appreciation from Dassault Systems Solidworks Corporation for participating in AAKRUTI 2021 - Nationwide Product Design Contest.

LEGENDARY INSIGHT





EVENTS

MCT I SEMINAR ON CAREER OPTIONS AFTER UG



SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
(AN AUTONOMOUS INSTITUTION)
ACCREDITED BY NAAC
Kuniamuthur, Coimbatore



INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

DEPARTMENT OF MECHATRONICS ENGINEERING

Inviting you all to

SEMINAR ON CAREER OPTIONS AFTER UG

Resource Person:
Mr.S.Siddharth, BE,MBA(AIM, Manila)
Manager (Operation)
T.I.M.E, Coimbatore.



21.03.2022
@ 03.30 PM



BS-03
Seminar Hall



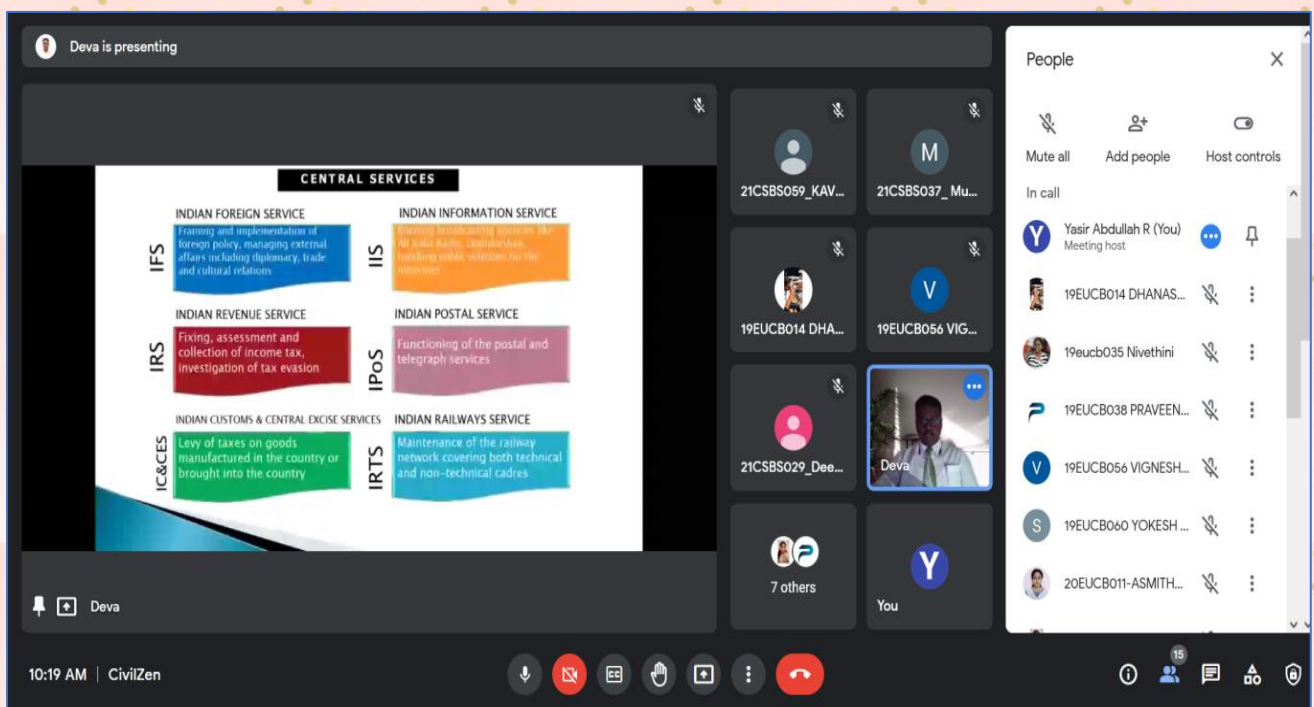
Department of **Mechatronics Engineering** in association with **T.I.M.E**, organised a Seminar on “**Career Options after UG**” on 21.03.2022. **Mr. S. Siddharth**, Manager, T.I.M.E Coimbatore was the Resource Person. The session focussed on the Job opportunities in public and private sectors, Preparation for entrance exams like GATE, CAT, CMAT, GRE and TOEFL and Higher studies (MBA and MSc) opportunities in various universities.

MECH | SEMINAR ON ADVANCES IN CAD/CAM TOOLS



Department of **Mechanical Engineering** organized a seminar on “**Advances in CAD/CAM Tools**” on 14.03.2022. **Mr. Dhanish Abdul Khader**, SS Technologies, Bengaluru was the Resource Person. **Second** and **Third** year students along with the faculty members attended the seminar. Opportunities for Mechanical Engineers in various fields including aerospace, satellite mission with CAD/CAM Tools were the session highlights.

CSBS | CIVILZEN - INAUGURATION



CivilZen Club – a student led initiative promoted by the Department of **Computer Science & Business Systems** was inaugurated on 19.03.2022. **Mr.D.Deva**, Prominent Alumnus of 2019 Batch was the resource person of the session. This online event concentrated on various discussions on UPSC exams.

S&H | GUEST LECTURE ON BASICS OF BUSINESS DEVELOPMENT

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
 (AN AUTONOMOUS INSTITUTION | AFFILIATED TO ANNA UNIVERSITY | ACCREDITED BY AACSB WITH 'A' GRADE)
 ACCREDITED BY NBA (U.S.E, E.E.E, IT, EEE, CIVIL, MECH & MCT)
 KUNIVANATHUR, COIMBATORE - 641 008

Department of Science and Humanities
 INVITES YOU ALL TO JOIN THE GUEST LECTURE ON
"Basics of Business Development"

RESOURCE PERSON
 Mr. Roopan Sanjeev Raju
 Head-Training & Placement Decision
 Macro Technologies
 Coimbatore

Mar 21, 2022 @ 11:00 AM
VENUE: CA- 24 SEMINAR HALL

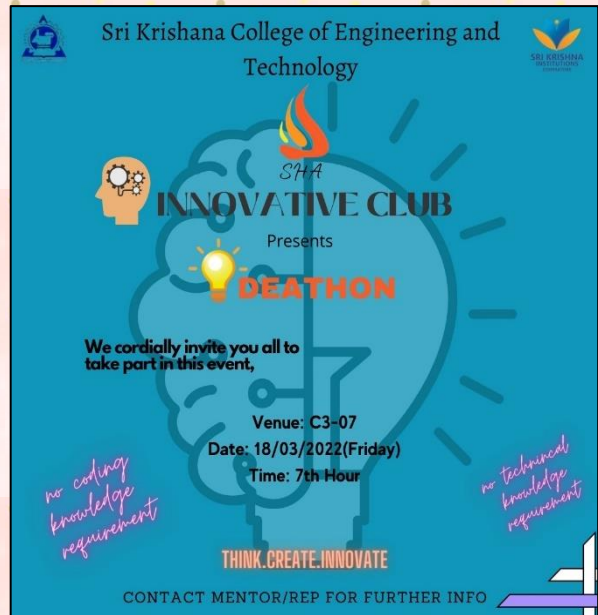


Department of **Science and Humanities** organized a Guest Lecture on **“Basics of Business Development”** for the First year **BE/B.Tech** students on 21.03.2022. **Mr. Roopan Sanjeev Raju**, Head-Training & Placement Decision, Macro Technologies, Coimbatore was the guest speaker. Wide scope of ideas, activities and initiatives with the goal of making the business better, formation of strategic partnerships, and increased profitability were the session highlights.

S&H | EXTENDED HOUR ACTIVITIES



Fitness Club of SHA conducted **Shuttle Run** for the **First year BE/B.Tech** students on 17.03.2022 which involved short bursts of speed. This helped the students to develop their acceleration, speed and their anaerobic fitness.

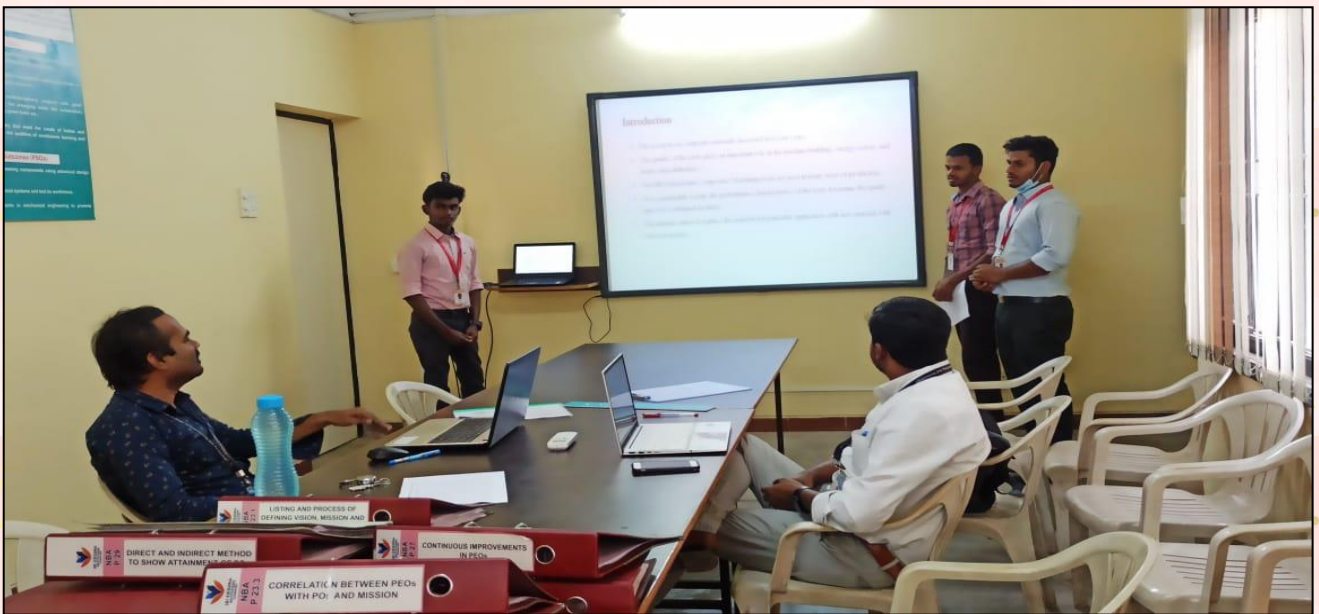


Innovation Club of SHA conducted **Ideathon** to generate promising ideas which provides a platform to develop an active community and help students to work towards a common goal to raise public awareness. The **First year BE/B.Tech** students participated in the event and gave their best.



PROJECT BASED LEARNING

MECH | PROJECT REVIEW



Project Review was conducted for the **Final year Mechanical Engineering** students. Faculty members of the Department reviewed the progress of the project and gave their valuable feedback to improve the quality of the project work.

MECH | HANDS ON TRAINING



Second year students of Mechanical Engineering Department visited Karivarthan Training Centre. Students had a practical exposure on the working of Internal combustion Engines, dismantling and assembling of two stroke and four stroke IC engines.

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TRAINING AND PLACEMENT

PLACEMENT | TESTIMONIAL BY PLACED STUDENTS

I am proud to be a part of SKCET family. I was pleasantly surprised by the beautiful campus and the quality of facilities that SKCET provides. The college not only imparts knowledge but also inculcates life skills in us to make us socially responsible citizens. The best thing about being a student here is the number of additional opportunities that are available. SKCET organizes various industrial visits, guest lectures, conferences, student club activities, competitions, workshops for its students. The college has excellent teaching faculty, well equipped labs, classrooms, library and sports room etc. Professors here are experts in their respective fields and are very friendly. I am thankful to Training & Placement cell, SKCET for providing a platform to enhance my skills and an opportunity to showcase them.

DINESH KUMAR R -EEE [2022Batch]

HCL –5.5 LPA

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RESEARCH AND DEVELOPMENT

R&D | PATENT PUBLICATION | MECH, S&H

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202241009073 A
(19) INDIA	
(22) Date of filing of Application :21/02/2022	(43) Publication Date : 04/03/2022
(54) Title of the invention : IOT BASED INFANT HEALTH MONITORING SYSTEM	
	(71)Name of Applicant : 1)THIYAGARAJAN ANITHA Address of Applicant :Assistant Professor, Department of Science and Humanities, Sri Krishna College of Engineering and Technology ----- 2)Dr.P.Ramkumar, Kalasalingam Academy of Research and Education (Kalasalingam Deemed to be University) 3)Dr. V.Sathish Kumar, Government College of Engineering 4)Dr. K.Kannan, Sreenidhi Institute of Science and Technology 5)Dr. C.Rajendran, Sri Krishna College of Engineering and Technology 6)Dr. T.J.Nagalakshmi, Saveetha School of Engineering 7)Ms.R.Mamatha, Government S K S J T Institute 8)Dr.Harpreet Kaur, Sant Baba Bhag Singh University 9)Er.Harjit Kaur, Sant Baba Bhag Singh University 10)Ms.G.Deena, SRM Institute of Science and Technology 11)Dr.N.Suganthi, SRM Institute of Science and Technology Name of Applicant : NA Address of Applicant : NA

Dr. C. Rajendran, Associate Professor, Department of Mechanical Engineering along with **Ms. Anitha T**, Assistant Professor, Science and Humanities have published a patent titled '**IoT Based Infant Health Monitoring System**' in the IPR India identified with application number - 202241009073 A.

R&D | PATENT PUBLICATION | CSE

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202241010461 A
(19) INDIA	
(22) Date of filing of Application :27/02/2022	(43) Publication Date : 04/03/2022
(54) Title of the invention : Cloud based Emergency Patient monitoring system	
(51) International classification :H04L0029060000, G06Q0020380000, A61N0001372000, G16H0080000000, G06F0009500000	(71)Name of Applicant : 1)Dr. L. Selvam Address of Applicant :Professor, Department of Information Technology, KSR Institute for Engineering and Technology, KSR Kalvi Nagar, 637215. ----- 2)Dr J. Vitumathi 3)Dr. K.Jayathree 4)Dr. J. Arokia Renjith 5)Dr. P. Mohan Kumar Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Dr. L. Selvam Address of Applicant :Professor, Department of Information Technology, KSR Institute for Engineering and Technology, KSR Kalvi Nagar, 637215. ----- 2)Dr J. Vitumathi Address of Applicant :Professor, Department of Computer Science and Engineering, Veltech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai. ----- 3)Dr. K.Jayathree Address of Applicant :Professor, Computer Science and Engineering, Rajalakshmi Engineering College, Thandam, Chennai-602105. ----- 4)Dr. J. Arokia Renjith Address of Applicant :Professor, Department of Computer Science and Engineering, Jeppiaar Engineering College, Chennai-600119. ----- 5)Dr. P. Mohan Kumar Address of Applicant :Professor, Department of Computer Science and Engineering, Sri Krishna College of Engineering and Technology, Coimbatore - 641008. -----
(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	
(57) Abstract : A system contains a communications device that is integrally built into remotely deployed medical equipment and that is used to monitor the operational state and usage of the device, among other things. A home-based medical device will interact directly with a	

Dr.P.Mohan Kumar, Professor, Department of CSE, has published a patent entitled “**Cloud based Emergency Patient Monitoring System**” with the application number 202241010461 A on 04.03.2022.

R&D | PATENT PUBLICATION | EEE

Patent titled “Smart Tracking System for Self-Propelled Electric/Fuel Vehicle” has been published by **Mr.R. Kavin**, Assistant Professor, EEE in the IPR Journal identified with Application Number: 202241012827 A on 18.03.2022.

(12) PATENT APPLICATION PUBLICATION (21) Application No.202241012827 A
 (19) INDIA
 (22) Date of filing of Application :09/03/2022 (43) Publication Date : 18/03/2022

(54) Title of the invention : Smart Tracking System for Self-Propelled Electric/Fuel Vehicle

(71) Name of Applicant :
 1)Mr. K. Nagendran
 Address of Applicant :Assistant Professor, Department of Computer Science and Engineering, Veltech Rangarajan Dr Saguntala R & D Institute of Science and Technology, Chennai
 2)Mr.G.Arun Jeba Kumar
 3)Dr. C. R. Raghavendran
 4)Mr.E.Sathyanarayanan
 5)Mr.R. Gobi
 6)Mr.R. Kavin
 7)Mr.T.Kesavan
 Name of Applicant : NA
 Address of Applicant : NA

(72) Name of Inventor :
 1)Mr. K. Nagendran
 Address of Applicant :Assistant Professor, Department of Computer Science and Engineering, Veltech Rangarajan Dr Saguntala R & D Institute of Science and Technology, Chennai
 2)Mr.G.Arun Jeba Kumar
 Address of Applicant :Assistant Professor, Department of Electrical and Electronics Engineering, SNS College of Technology Coimbatore
 3)Dr. C. R. Raghavendran
 Address of Applicant :Assistant Professor, Department of Electrical and Electronics Engineering, Easwari Engineering College, Chennai.
 4)Mr.E.Sathyanarayanan
 Address of Applicant :Assistant Professor, Department of Electronics and Communication Engineering Madanapalle Institute of Technology and Science, Andhra Pradesh
 5)Mr.R. Gobi
 Address of Applicant :Assistant Professor, Department of Electrical and Electronics Engineering, Excel Engineering College
 6)Mr.R. Kavin
 Address of Applicant :Assistant Professor, Department of Electrical and Electronics Engineering, Sri Krishna College of Engineering and Technology Coimbatore
 7)Mr.T.Kesavan
 Address of Applicant :Assistant Professor, Department of Electrical and Electronics Engineering, Faswari Engineering College, Chennai.

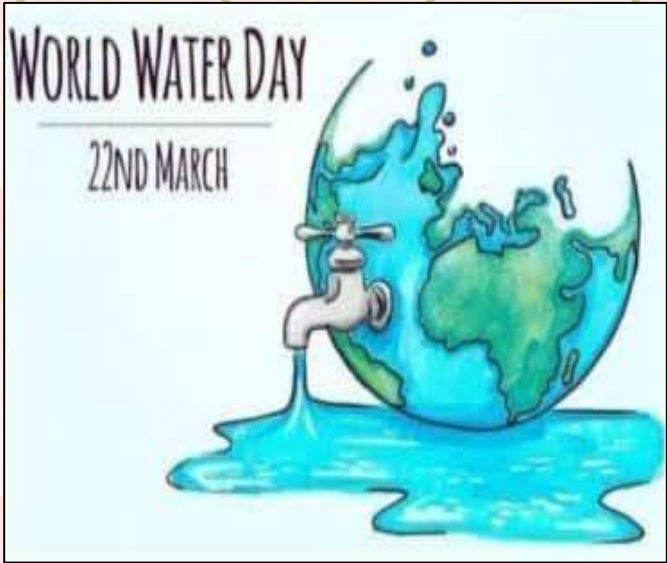
(51) International classification :G08G0001123000, G07C0009230000, G06Q010080000, G16H0010400000, G07C0009270000
 (86) International Application No. :PCT//0101/1900
 Filing Date :NA
 (87) International Publication No. :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional Application Number :NA
 Filing Date :NA

(57) Abstract :
 Every day, millions of individuals must be transported from their homes to various locations such as hospitals, offices, and workplaces, and vice versa. Obtaining timely transportation for their people is a key concern for peoples. Many people find themselves stranded at a bus stop for an extended period of time waiting for a certain bus, missing the bus, or having to wait for an extended period of time for a specific bus. This study looked into the feasibility of using radio frequency identification (RFID) technology to track and monitor individuals aboard buses on their way to and from work. The passive RFID tracking technology was used in this study because of its efficient tracking capabilities, cheap cost, and ease of maintenance. A series of experiments were conducted in the lab and with the general population to determine the technological feasibility of the proposed system. These tests revealed that the RFID tags were functional and reliable enough to be utilized for tracking and monitoring passengers on the bus. When asked to provide input on the solution via a questionnaire, more than 95% of individuals believe that such a solution will alleviate their anxiety and provide them with a tool to track their buses while travelling to and from work.

No. of Pages : 8 No. of Claims : 4

The Patent Office Journal No. 11/2022 Dated 18/03/2022 16590

INTERNATIONAL DAYS OF THE WEEK





FACULTY CERTIFICATION

MECH | FDP ON DESIGN, OPTIMIZATION AND MANUFACTURE OF MATERIALS



Mr.S.Balu Mahandiran, Assistant Professor, Department of **Mechanical Engineering** has actively participated in the six days Faculty Development Program on '**Design, Optimization and Manufacture of Materials**' organized by the Department of Mechanical Engineering, SSN College of Engineering, Chennai from 07.03.2022 to 12.03.2022.

CSE | FDP ON EMERGING APPLICATIONS IN IMAGE PROCESSING

Mr.M.Vengateshwaran, Assistant Professor, **CSE** has participated in the five days FDP on "**Emerging Applications in Image Processing**" organized by the Department of Electronics and Communication Engineering and Center for Image Processing, Rajalakshmi Institute of Technology, Chennai from 01.03.2022 to 05.03.2022.



CSE | COURSERA CERTIFICATION



Mr.S.Suresh Kumar, Assistant Professor, CSE has successfully completed a course on “**Basic Skills in Constructive Communication**” offered through Coursera.

ECE | FDP ON BLOCKCHAIN & APPLICATIONS

Dr.C.Thirumarai Selvi, Professor, ECE has attended the 5 days Faculty Development Programme on “**Blockchain and Applications**”, organized by Presidency University, Karnataka, from 7.3.2022 to 11.3.2022.



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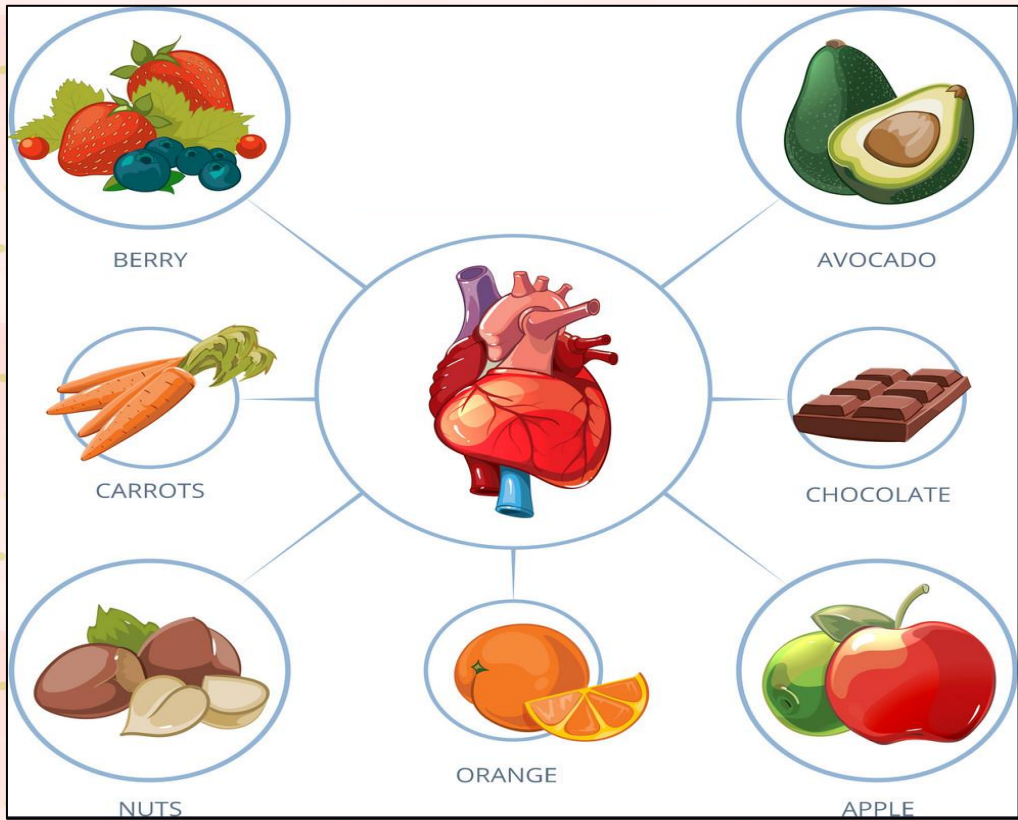
FACULTY PROGRESSION

CSBS | JOURNAL REVIEWER



Dr. S. Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has completed the article review **“Internalizing Knowledge for Anticipatory Classifier Systems in Discretized Real-Valued Environments”** on March 2022 for publication in IEEE Access.

HEALTHOGRAPHICS | HEALTHY FOODS FOR HEART



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CONFERENCE PRESENTATION

EEE | CONFERENCE PRESENTATION



Dr.D.Gunapriya, Assistant Professor, **EEE** has presented a Research Paper entitled **“Convolutional Neural Network for Speaker Recognition Embedding with Biometric System”** in the Second International Conference on Artificial Intelligence and Smart Computing-ICAISC 2022 at Bannari Amman Institute of Technology, Sathyamangalam.

MCT | CONFERENCE PRESENTATION



Mr.S.Madhankumar, Assistant Professor, **MCT** has published two articles entitled **“Electrical Discharge Machining Process Variable Assessment utilizing Multi-criteria Optimization Method”** and **“An empirical study of the impacts of Parameters in Micro electrochemical drilling of Al 7075 alloy, silicon carbide, and flyash composites”** in the International Conference on Proceedings and Characterization of Materials organized by the Department of Mechanical Engineering, Sri Sivasubramaniya Nadar College of Engineering, Chennai on 7th March 2022.

CIVIL | CONFERENCE PRESENTATION



Mr. A. Jesudass, Assistant Professor, Department of Civil Engineering along with the Final year students **K. Abinaya**, **A. Margaret Jennifer** and **M. Sakthi Sri** have presented a paper entitled **"A comparative study on energy efficiency of conventional and regenerative residential design for urban context in India"** in the International conference on **"Sustainable Practices and Advancements in Civil Engineering - 2022"** held at PSG Institute of Technology and Applied Research on 11th and 12th March 2022.