

SKCET

Buzz



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Editor-in-Chief

Dr.J.Janet
Principal

Co-Editor

Dr.S.Sheeba Rani - EEE

Editorial Team

Mr.M.Diwakaran - IT, Ms.N.Pooranam - CSE

Mrs.S.Mary Fabiola - S&H

INDUSTRY CONNCET - INTERACTION WITH SOLITON



Principal Madam interacted with **Ms.Megela Ganesh**, Director, Soliton Technologies Pvt Ltd regarding Campus hiring and students performance.

About SOLITON:

Soliton is an Indian technology company that offers research, development and consulting services in the areas of Test & Measurement automation, Machine Vision, and Embedded Systems. It is India's first and largest manufacturer of smart cameras and machine vision components. It has its other office locations in Coimbatore, Wisconsin, Texas and California. It is the main sponsor and the core member of TIFAC Center Of Relevance and Excellence (CORE) in Machine Vision, Chennai. Soliton has a range of engineering skill sets for system design: Semiconductor, Platform Solutions and Artificial Intelligence.

PLACEMENT - ACCENTURE HACK DIVA 2020

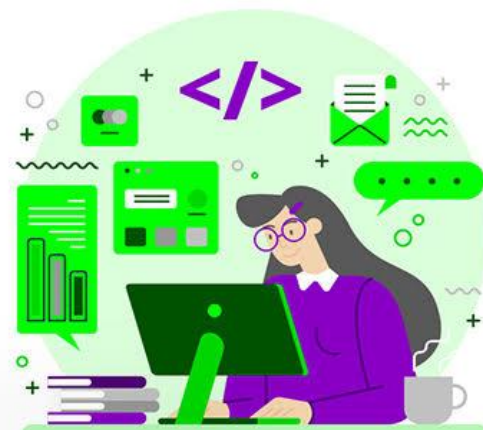
Accenture Hack Round 1 was held at SKCET Labs for girl students on 06.03.2020 .



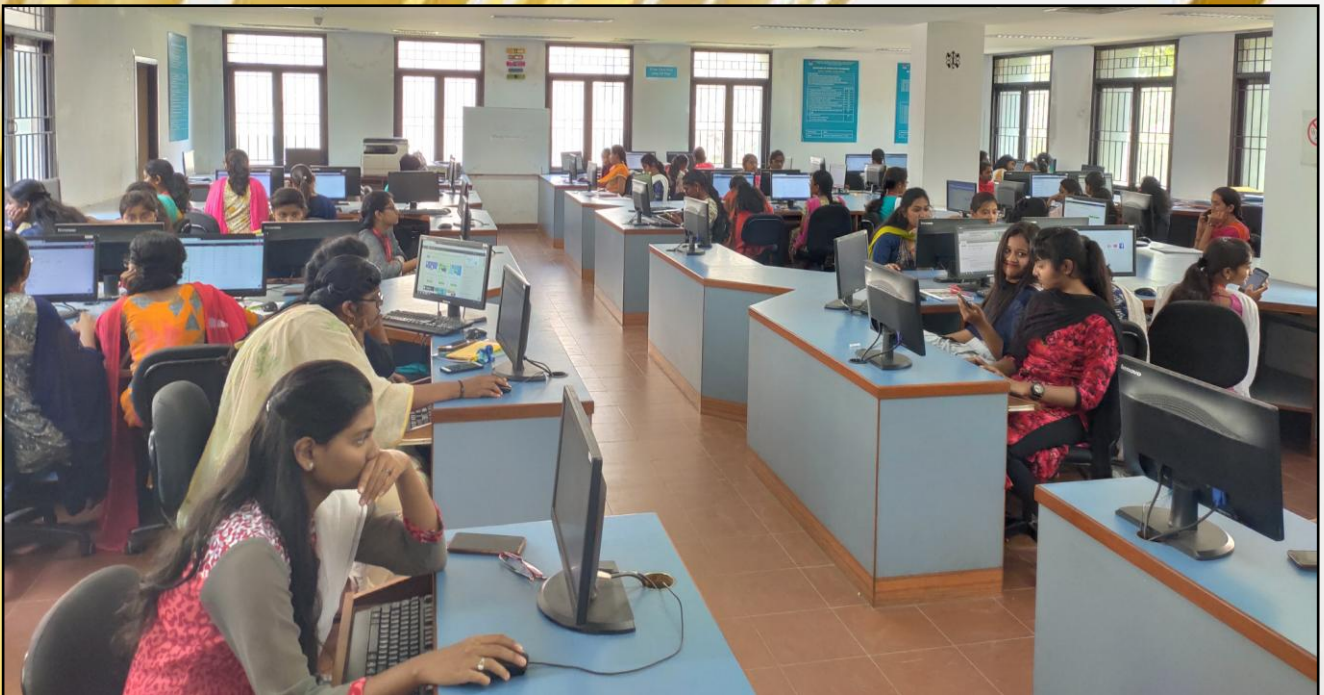
accenture

HACK DIVA SEASON 3

Hackathon for women
in engineering



PLACEMENT - ACCENTURE HACK DIVA 2020



About the Event :

Accenture Hack Diva aims to bring together the brightest engineering women students and celebrate their passion for technology.

2 online rounds were conducted wherein complexity increased round by round.

Students can choose their preferred language to code out of the 35+ programming languages on the platform.

Top 3 women students from Engineering Colleges with the highest cumulative score from both the rounds will be announced as winners of the contest.

MCT - INDUSTRIAL PROJECT INSPECTION



Mr. Arunkumar P.M, and **Mr. Panneerselvam S,** Assistant Professors from the Department of MCT visited GEM sacks, Tirunelveli to inspect the Final year student industrial project titled, '**Design and Fabrication of Automatic paper cutting machine**'.

Student Team:

1. Akesh R
2. Gokul M
3. Gokul Pradeep K S
4. Dharun M



CSE- THIRD ENTREPRENEURSHIP AWARENESS CAMP (2019-2020) - DAY 1

SESSION 1:

Title: Promoting Entrepreneurship among Students

Speaker: Mr.S.Senniappan, Proprietor, Senpaa Synthetic Tapes Company



Mr.S.Senniappan, expertise in design, fabrication and product manufacturing, Placement training and value added session was handled by him. He enlightened the students on the topic 'Charms of becoming an Entrepreneur and the skills to be developed' to the students of Mechanical Engineering.

INSTITUTIONAL PLENUM



**AFTERNOON
MEETING**

Principal Madam convened a meeting with the Heads of all Departments to discuss the road map for research and development activities.

MECH - STUDENT INDUSTRIAL TRAINING

Second year students from the Department of Mechanical Engineering underwent hands-on training at Karivardhan Vocational Training Institute. Students gained practical knowledge on 'Dismantling and Assembling of IC Engine & Gear Box'.



CSE - THIRD ENTREPRENEURSHIP AWARENESS CAMP (2019-2020) - DAY 1

SESSION 2:

Title: Business Canvas Model

Speaker: Dr.P.Vijayalajskshmi Menon, Associate Professor, School of Management, SKCET



Madam enlightened the students on the 'Importance of Business Canvas model for Hackathon and B Plan contest'.

METICULOUS IMPLEMENTATION OF MHRD-UGC INITIATIVE WOMEN'S DAY

Successful uploading of Women's Day 2020 Activity Report in UGC- University Monitoring portal

Based upon the UGC mailer notification to undertake various women's day activities from 1st to 8th March 2020, SKCET had organised various events in a befitting manner to showcase the **increased participation of Women in Higher Education** to focus on gender sensitisation, women's' health education and empowerment. The **reports, video links and photos** of the activities were uploaded in the University Monitoring portal of UGC. This activity was coordination to successful complement by **Dr.V.Ragavi, HOD-Science and Humanities** along with the team under the mentorship of **Principal Madam**.



Observance of International Women's Day 2020

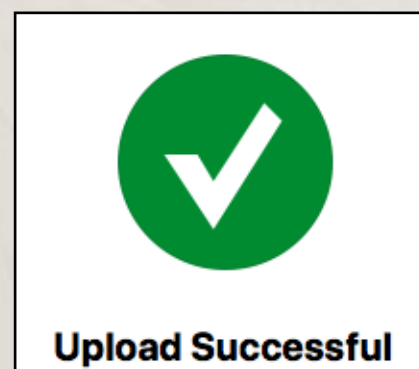
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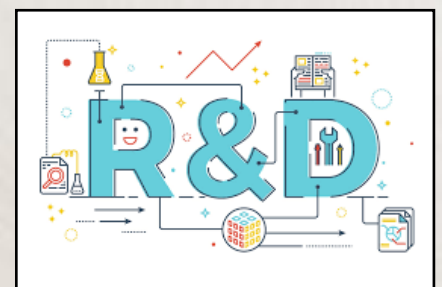
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Google Forms





R&D-COORDINATORS MEETING



Principal Madam convened a meeting with department R&D coordinators to review the publication and indexing status of Scopus and WoS journals.

R&D - PATENT PUBLICATION - MECH

Conjoint Patent Invention by SKCET Faculty and Students gets published in IPR Journal of India. The Patent titled **‘Multistage telescopic portable seater’** filed by team of Professors from the Department of Mechanical Engineering-**Dr. R. Ramamoorthi**, Associate Professor, **Dr. P. Ashoka Varthanan**-HoD, **Mr. N. Ramachandran**, Assistant Professor along with the **Final year Mechanical Engineering students- Udhaya Kumar, Yuwan Raj Kumar.M and Roopa Shree** is published in the IPR Journal with the Application Number: 202041008129A.

<p>(12) PATENT APPLICATION PUBLICATION</p> <p>(19) INDIA</p> <p>(22) Date of filing of Application :26/02/2020</p> <p>(54) Title of the invention : MULTISTAGE TELESCOPIC PORTABLE SEATER</p> <p>(51) International Classification : A47C0009020000,B60N0002240000,G07B0015020000,A23G0003480000,A61F00130800</p> <p>(31) Priority Document :NA</p> <p>(32) Priority Date :NA</p> <p>(33) Name of priority country :NA</p> <p>(86) International Application No :NA</p> <p>Filing Date (87) International Publication : NA</p> <p>(61) Patent of Addition to Application Number :NA</p> <p>Filing Date (62) Divisional to Application Number :NA</p> <p>Filing Date</p> <p>(57) Abstract : The main aim of the project is to provide remedy for the disease named varicose veins. The people who suffer from such kind of disease tend to undergo severe pain in legs while standing for prolonged period of time. (More commonly found in people whose work nature is with highest standing duration and daily commuting by standing for more number of hours). The main aim of the project is to provide a handy seat for the people diagnosed with this disease. This seat helps to overcome the problem by using its portable design. The speciality of the design lies in its telescopic mechanism. Along with these victims, this project also helps the elderly persons. By having this readily available seat which remains convenient to carry while travelling, the thought of getting seat availability while commuting in public transport (common problem in populated countries like India) can be eliminated.</p> <p>No. of Pages : 11 No. of Claims : 5</p>	<p>(21) Application No.202041008129 A</p> <p>(43) Publication Date : 28/02/2020</p> <p>(71) Name of Applicant : 1)Dr.R.Ramamoorthi Address of Applicant Sri Krishna College of Engineering and Technology, Kuniamuthur, Coimbatore Tamil Nadu India 2)Mr.N.Ramachandran 3)Dr.P.Ashoka Varthanan 4)Mr.Sumesh.M.Nair 5)Mr.G.Vignesh 6)Mr.S.Vignesh 7)Mr.D.S.Vigneshwar 8)Mr.J.A.Vijay Kumar</p> <p>(72) Name of Inventor : 1)Dr.R.Ramamoorthi 2)Mr.N.Ramachandran 3)Dr.P.Ashoka Varthanan 4)Mr.Sumesh.M.Nair 5)Mr.G.Vignesh 6)Mr.S.Vignesh 7)Mr.D.S.Vigneshwar 8)Mr.J.A.Vijay Kumar</p>
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R&D - PATENT PUBLICATION - CSE

Patent titled 'IoT based Border Alerting System for Tamilnadu Fisherman' filed by a team of professors from the Department of CSE has been published in IPR Journal identified with Application Number: 202041000963 A.

- Ms.S.Biruntha, Associate Professor
- Ms.J.Boopala, Assistant Professor
- Ms.K.Devipriya, Associate Professor
- Dr.D.Prabha, Professor
- Ms.A.Pushpalatha, Associate Professor
- Ms.R.Gowthamani, Associate Professor
- Mr.R.Balaji, Associate Professor
- Mr.R.Manikandan, Assistant Professor.

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202041000963 A
(19) INDIA	
(22) Date of filing of Application :09/01/2020	(43) Publication Date : 28/02/2020
(54) Title of the invention : IOT BASED BORDER ALERTING SYSTEM FOR TAMILNADU FISHERMEN	
(51) International classification	H04W 4/70
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(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
(71) Name of Applicant :	1)Ms.S.BIRUNTHA Address of Applicant :SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY, KUNIAMUTHUR, COIMBATORE, TAMILNADU, INDIA - 641 008. Tamil Nadu India
	2)Ms.J.BOOPALA 3)Ms.K.DEVIPRIYA 4)Dr.D.PRABHA 5)Ms.A.PUSHPALATHA 6)Ms.R.GOWTHAMANI 7)Mr.R.BALAJI 8)Mr.M.MANIKANDAN 9)M.NAGA VIKNESEH 10)K.R.NAVEENA
	(72) Name of Inventor :
	1)Ms.S.BIRUNTHA 2)Ms.J.BOOPALA 3)Ms.K.DEVIPRIYA 4)Dr.D.PRABHA 5)Ms.A.PUSHPALATHA 6)Ms.R.GOWTHAMANI 7)Mr.R.BALAJI 8)Mr.M.MANIKANDAN 9)M.NAGA VIKNESEH 10)K.R.NAVEENA
(57) Abstract :	Using BORDER-CROSS Alerting system the coastal guard in the harbor can track all the boats that are sailing in the sea. A special box (Track Box) will be provided for each boat. The track box contains a GPS device and an alerting System which sends the GPS and alerts the fishermen if they are about to cross the Indian border and enter the Sri Lankan Border. The coastal guards are also provided with an Android Application. It has a very secure login System which is accessed only by the coastal guards and other authorized persons. The application is compatible with all major mobile platforms and can be used without limitations. Whenever the fishermen are about to cross the border an alert notification will be sent to the coastal guard which contains details like the boats distance from India-SriLanka border. The approximate time taken by the boat to cross the border. The track box in the boat also starts alerting the fisher man by producing a beep sound and the frequency of the beep sound keeps on increasing as the boat gets closer to the border. Frequent alert notification details will be sent to the coastal guard updating the distance of the boat from the border.
No. of Pages : 8 No. of Claims : 5	



R&D - PATENT PUBLICATION - MECH

Conjoint Patent Invention by SKCET Faculty and Students gets published in IPR Journal of India. The Patent titled '**Semi-Automated Lawn Mover**' filed by team of Professors from the Department of Mechanical Engineering. **Mr. N. Ramachandran** and **Mr. R. Siva Subramanian**, Assistant Professors along with the **Final year Mechanical Engineering students- N.Neelesh Kumar, S.K. Rajeshwaran, R. Jeyaseelan and S. SreeHarrish** in the IPR Journal with the Application Number: 202041004299A.

(12) PATENT APPLICATION PUBLICATION (21) Application No.202041004299 A
 (19) INDIA
 (22) Date of filing of Application :31/01/2020 (43) Publication Date : 07/02/2020

(54) Title of the invention : SEMI-AUTOMATED LAWN MOWER

(51) International classification :A01D 34/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (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

(71)Name of Applicant :
1)Mr.N.Ramachandran
 Address of Applicant :Assistant Professor, Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Kuniamuthur, Coimbatore Tamil Nadu India
2)R.Siva Subramanian
3)N.Neelesh kumar
4)S.K.Rajeshwaran
5)R.Jeyaseelan
6)S.SreeHarrish
 (72)Name of Inventor :
1)Mr.N.Ramachandran
2)R.Siva Subramanian
3)N.Neelesh kumar
4)S.K.Rajeshwaran
5)R.Jeyaseelan
6)S.SreeHarrish

(57) Abstract :

Evolution of early period to the modern period is mainly due to the advancement in technologies. Every field has its own development in their innovations. Agriculture is the major field, where technological advancement is required for the development. Major purpose of our paper is to establish a new kind of Lawnmower. Here we have developed a semi-automated lawnmower which may be a replacement for commercial manual lawnmower that is being used widely. This device doesn't require any manpower for their operation, it can be operated by an android device. Commercial lawnmowers are bulkier and are not compatible, but this device is compatible and light-weight. Since it is made up of UPVC (Un-plasticized polyvinyl chloride). Generally alternating current or fuels are used as a power source for commercial lawnmowers whereas this device can be operated by means of battery or solar source.

No. of Pages : 10 No. of Claims : 4



STUDENT ACCOLADES



EEE - STUDENT ACCOLADE- LINE FOLLOWING ROBOT CHALLENGE



Vignesh,R.S, Thaqib K and Sneha B.S, Second year EEE 'C' students won the **First Place** with a Cash prize of Rs.8000/- in the **Line following Robot Challenge** event held at **Yugam 2020** - Kumaraguru College of Engineering, Coimbatore.

Faculty Mentors:

Mr.S.Boobalan, Assistant Professor, EEE

Mr.S.Gobhinath, Assistant Professor, EEE.

CSBS/ EEE- STUDENT ACCOLADE IN STAND UP EVENT



Mokesh and Vijay, Second year students from the Department of CSE and EEE have won Second prize with a cash award of Rs.3000, in the Stand up event held at Yugam 2020, Kumaraguru College of Engineering, Coimbatore.

ECE - STUDENT ACCOLADES IN INTERNATIONAL CONFERENCE - BEST PAPER AWARD



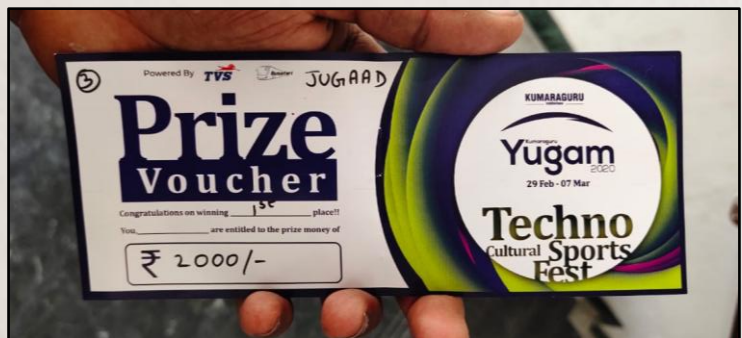
Third year Students from the Department of ECE participated in the International Conference ICDCS 20 held at Karunya University, Coimbatore and was awarded the Best Paper Award for their project titled 'Self Operating Paint BOT'. The Team was mentored by **Mr. S. Satheesh Kumar**, Assistant Professor, ECE.

Team Members

1. Ram Kumar S
2. Kaviarasu S
3. Kingson Kumar M
4. Saran K
5. Karthikeyan J



MCT - STUDENT ACCOLADE IN JUGAAD



Saktheeswaran G, Second Year MCT B students have won in the JUGAAD (Corporate mind) event in YUGAM 2020 held at Kumaraguru College of Technology, Coimbatore.

CIVIL- STUDENT ACCOLADES IN PROJECT EXPO



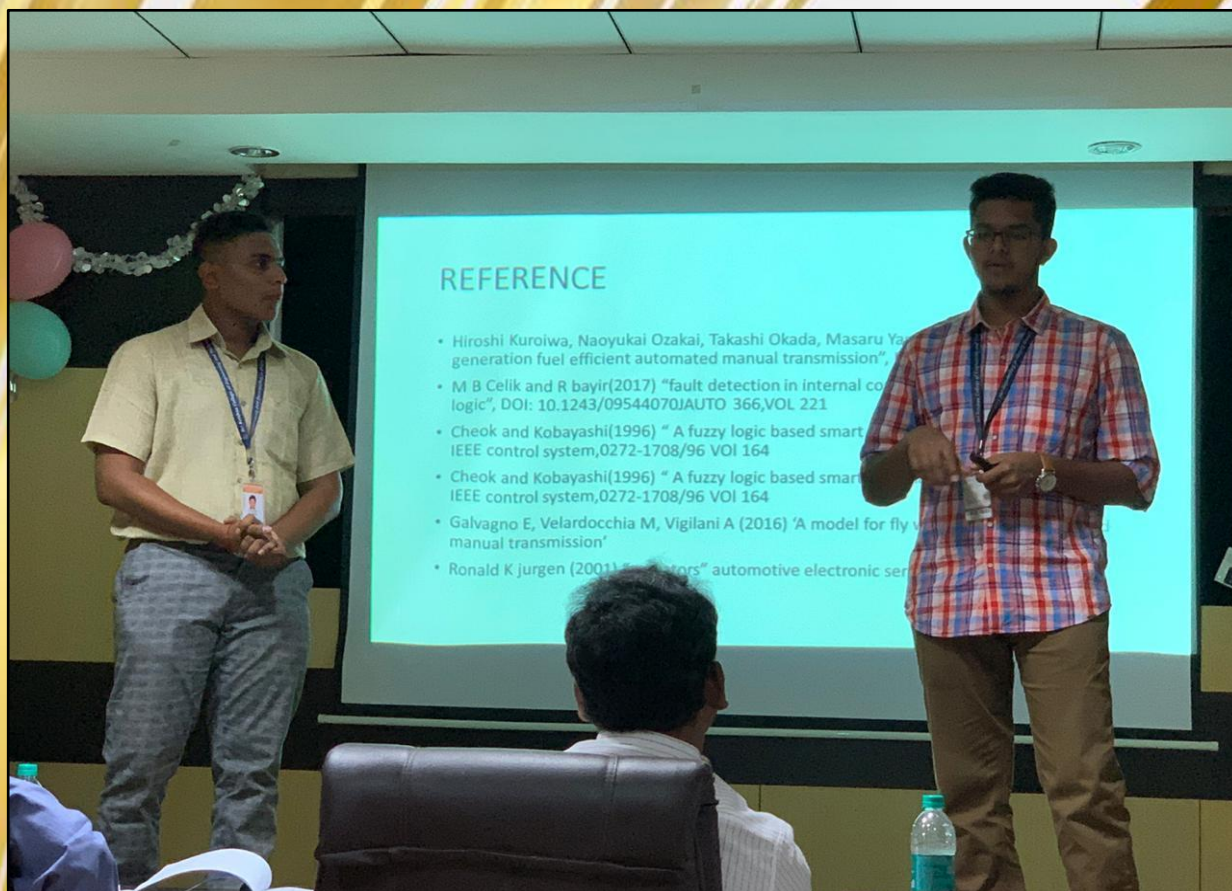
Third Year Student team comprising of **S.P. Yamini, K. Meena, Ms. D. Gitanjali, G. Gowsalyadevi and E.S.Archana**, Department of **Civil Engineering** have won **Third** prize in the **Project Expo** titled '**Low Cost Water Purifier**' conducted by Anna University, Chennai on **5.03.2020** and bagged a cash prize worth **Rs.3000..** The team was mentored by **Mr. V.Yogeshwaran**, Assistant Professor, Department of Civil Engineering.

MECH - STUDENT ACCOLADES AT INDCON 2020

Students from the Department of Mech, CSE& ECE Engineering participated in paper presentation event held at **INDCON 2020** - A National Level Technical Symposium held at College of Engineering, Anna University, Guindy during 05 – 07th March 2020 and won various accolades.



MECH - STUDENT ACCOLADES AT INDCON 2020



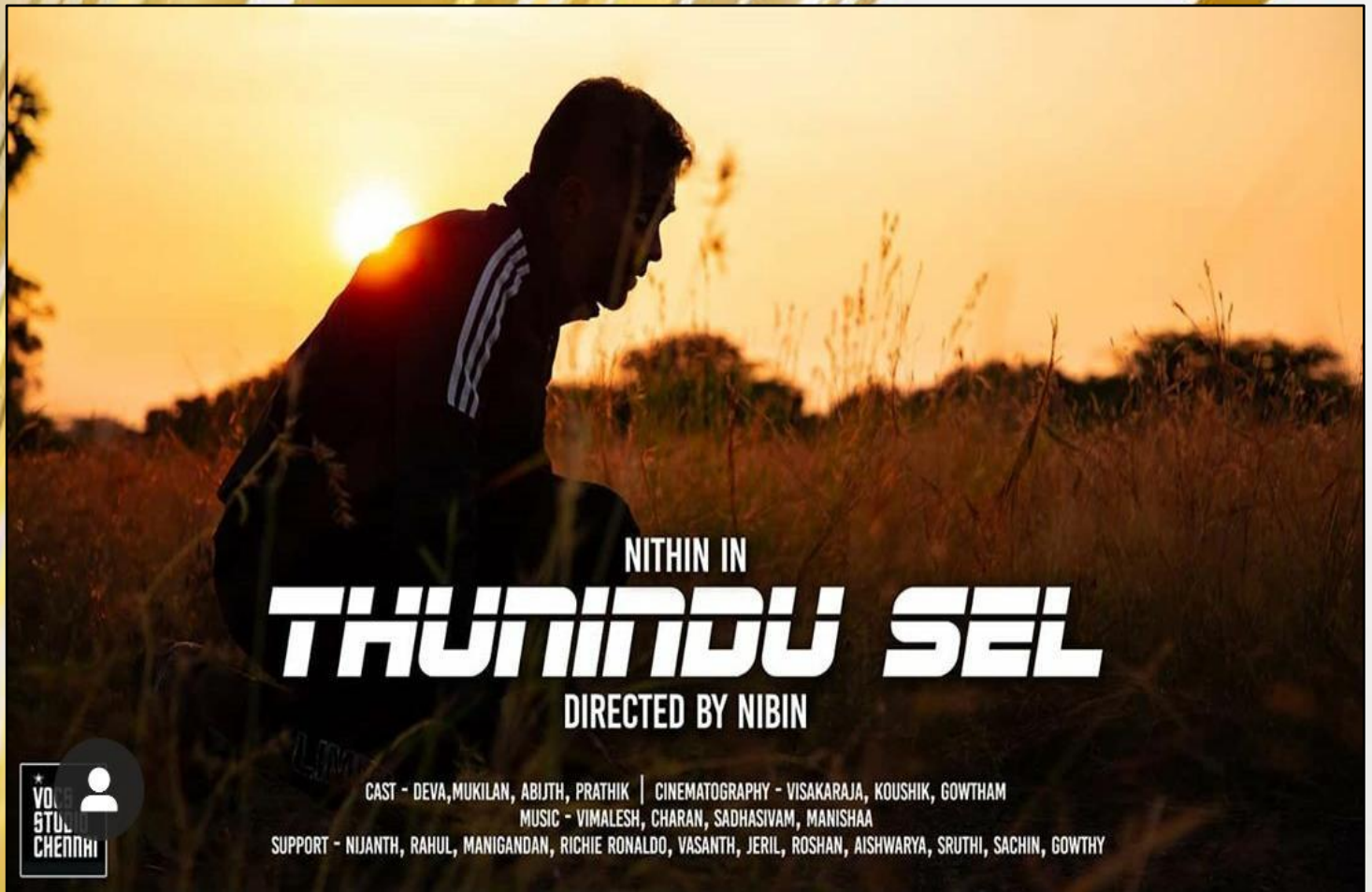
Event	Team members	Mentor	Results
Paper Presentation	T.Epaphra(II Mech) T.Dhananjayan(II Mech) Dhivya.A(III ECE) Vishali. S (III CSE)	Mr. M. Vigneshwaran, Assistant Professor, Department of Mechanical Engineering	2 nd Prize
	Pream Prakas V M (III Mech) Ramkumar K S(III Mech) Rithish Krishna V Raja(III Mech) Vinith S P(III Mech) Jayasurya S(III Mech)	Mr. K N Gunasekaran, Assistant Professor, Department of Mechanical Engineering	Appreciated by the Panel Members
	M.Kumaran (III Mech) A.Pradeep Kumar (III Mech) K.Praveen Kumar (III Mech)	Mr. S. Krishnamoorthy, Assistant Professor, Department of Mechanical Engineering	Appreciated by the Panel Members

IT - STUDENT ACCOLADES IN SCROLL WIZARD EVENTS

Second year IT 'C' students- Tamilarasu and Venkatesh Prasath have won Second prize in the Scroll Wizard event conducted in CYBERTON'20 , a Technical Symposium held at Dr.NGP Arts and Science College, Coimbatore.



MCT – SHORT FILM WINNERS IN CYBERTRON 2020



A team of students from **Third Year MCT B** have won **First Place** in the National Level **Best Short Film** category of CYBERTRON 20' event at Dr.NGP Arts and Science College, Coimbatore for their inspirational short film 'Thunindhu Sel'.

Film Crew:

1. Mr. Nithin Kumar S - Cast
2. Mr. Vishaka Raja C P C - Visuals
3. Mr. Nibin Sabari Anand N - Direction

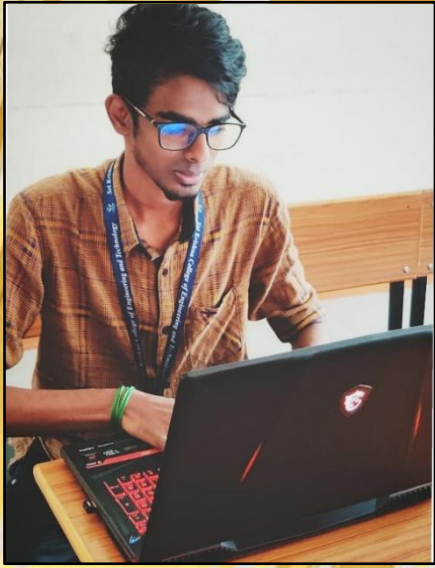
Video Link: <https://youtu.be/tUCKWHp9DkE>

S&H- STUDENT QUIZ ACCOLADE IN GATEWAY '20



Nithish.K and Hrithik.S, First year students B.Tech Computer Science and Business Systems have won Second place with a cash prize of Rs.750 in the Master Mind Quiz Competition, GATEWAY '20, National Level Technical Symposium at PSG College of Arts and Science, Coimbatore.

CSBS - STUDENT PARTICIPATION IN INTERNATIONAL CONFERENCE



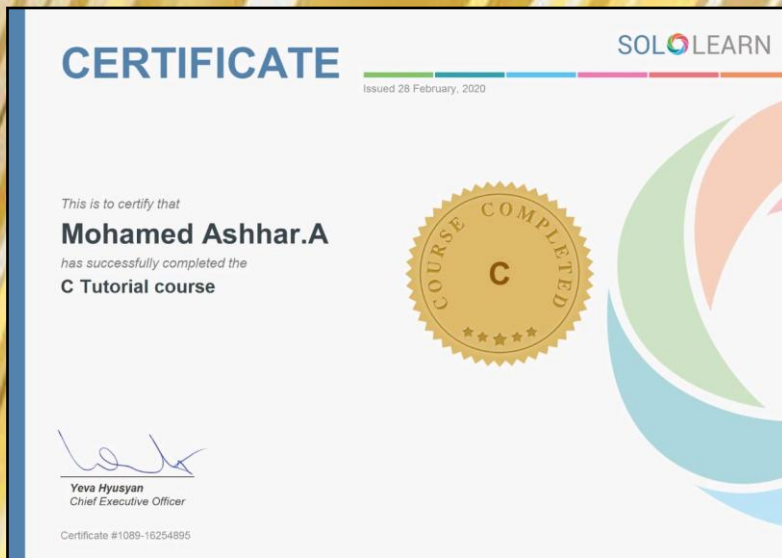
Kabilan S, Second year student from the from CSE 'C' (TCS) participated in the **International OWASP SeaSides Annual InfoSec Conference - Workshop** from 3.03.2020 to 05.03.2020 at International Centre, Goa. The key take-aways of the conference were on car hacking village, exploit development, IoT hacking village and IoS pentesting.

MCT- FIRST PRIZE WINNER OF ART EVENT- YUGAM 2020



Mukesh P, Second year student from **MCT B** has won First prize in the Art event conducted as a part of Yugam 2020 held at Kumaraguru College of Technology, Coimbatore. He has been rewarded with a prize voucher worth RS. 2000/- .

S&H- STUDENT CERTIFICATION



Mohamed Ashhar.A, First year student of B.Tech IT has successfully completed C Tutorial course offered through SOLOLEARN.

ICT ACADEMY - WOMEN'S DAY WISHES TO PRINCIPAL MADAM



SKCET IN MEDIA: ICT ACADEMIC EXCELLENCE AWARD 2020

Sri Krishna College of Engineering and Technology Receives Three Awards from ICT Academy

Sri Krishna College of Engineering and Technology (SKCET) received three ICT Academy Partner Excellence Awards 2020. The college got three awards such as institution with the highest Industry Institute Interaction 2020,



National Cloud Champion –Institution Award and National Cloud Champion – Coordinator Award. Dr.N.Susila, Head of the department, Department of Information Technology won the Coordinator award. Dr.J.Janet, Principal of the college received these awards at ICT Bridge Summit 2020, IITM Research Park Chennai. S.Malarvizhi, Chairperson and Managing Trustee of Sri Krishna Institutions, CEO Dr.K.Sundararaman appreciated the Principal Dr.J.Janet and faculties for having achieved these three awards.

SKCET IN MEDIA: AICTE USVA AWARDS 2020

Sri Krishna College of Engineering and Technology receives the AICTE-Utkrishit Sansthan Vishwakarma Award

THE KOVAI HERALD

Sri Krishna College of Engineering and Technology (SKCET), Kuniyamuthur,

Chairperson and Managing Trustee of Sri Krishna Institutions S.Malarvizhi and Dr.J.Janet, Principal of the

emony at New Delhi. Anil D.Sahasrabudhe, Chairman, AICTE, Ramanan Ramanathan, Mission Director, ATAL and NITI



Coimbatore received the Third Prize in National level and First Prize in Tamil Nadu region of AICTE-Utkrishit Sansthan Vishwakarma Award (USVA).

college received this award from Ramesh Pokhriyal 'Nishank', Minister of Human Resource Department, Government of India at the AICTE Presentation Cer-

AAYOG, Dr. Pratapsingh K. Desai President, ISTE and Rajiv Kumar, Member Secretary, AICTE were the key delegates present at the ceremony.

ONGOING EVENT: ENTREPRENEURSHIP AWARENESS CAMP 2020

SRI KRISHNA

COLLEGE OF ENGINEERING AND TECHNOLOGY

The Entrepreneurship Development Cell cordially invites you for the



ENTREPRENEURSHIP

3rd Entrepreneurship Awareness Camp of NIMAT Project 2019-2020

Date:

09.03.2020 to
11.03.2020

Venue: C5-05

SPONSORED BY

Camp Co-ordinator:
Dr.M.Sujaritha
Professor,
SKCET.



सत्यमेव जयते

Department of
Science &
Technology,
Government of
India



Chief Co-ordinator:
Dr.J.Janet,
Principal,
SKCET.