

ARIIA ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS

#### **SPECIAL ISSUE - 13**

17 - 21 AUG 2020

skct DIGEST

> EDITOR - IN - CHIEF Dr Srinivasan Alavandar, Principal EDITORIAL TEAM

> > Ms S Soundarya, CSE Ms S Thenmozhi, ECE Ms B Pavithra, SSH



Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

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#### SKCT | ARIIA RANKING 2020

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Sri Krishna College of Technology wangled the top spot and **Ranked 4th among 674 Private Institutions** in the Atal Ranking of Institutions on Innovation Achievements (ARIIA 2020) crowned by the Ministry of Human Resource Development (MHRD). SKCT heartily congratulates the team for achieving this potential and wishes that it should persist and be escalated for achieving rankings among the global best.

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#### SKCT | IN NEWS

#### SOUTHERN MAIL DAILY

#### SRI KRISHNA INSTITUTIONS EMERGED WITH NATIONAL LEVEL TOP IN ARIIA RANKINGS **2020**

#### Coimbatore,

Sri Krishna Institutions is happy to inform that Sri Krishna College of Engineering and Technology (SKCET) has obtained the Second National Rank and Sri Krishna College of Technology (SKCT) has obtained the Fourth National Rank in the Atal Ranking of Institutions on Innovation Achievements (ARIIA) Rankings 2020 under the 'Private or Self-financing Institute category' released by the Ministry of Education (MoE), Government of India.

It is a phenomenal achievement for SKCET as it has advanced from the Top 100 league band in the year 2019 to the prominent Second rank in the year 2020, consecutively. This prestigious ranking was announced in the E-award ceremony of ARIIA Rankings 2020 at 11:00 am on the 18th of August 2020 which was presided by Hon'ble Vice President Shri M. Venkaiah Naidu in the august presence of Hon'ble Minister of Education Shri Ramesh Pokhriyal 'Nishank', Hon'ble MoS of Education Shri Sanjay Dhotre, Shri Amit Khare, Secretary, Department of Higher Education, Abhay Jere, Chief Innovation Officer (CIO), Ministry of Education, Govt. of India, and Prof.Anil Sahasrabudhe, Chairman, AICTE

The Institutions have achieved this National ranking for its top scores in the ranking parameters of ARIIA inclusive of Innovation and Entrepreneurship Development amongst students and faculties, Budget & Funding Support, Infrastructure & Facilities, Awareness, Promotions & support for Idea Generation, Learning Methods & Courses. Intellectual

Property Generation, Technology Transfer & Commercialization and Innovation in Governance of the Institution. Smt.S.Malarvizhi, Chairperson, Sri Krishna Institutions appreciated Dr.J.Janet, Principal, SKCET and Dr.Srinivasan Alavandar, Principal, SKCT along with the faculty for the impactful initiatives in multi-disciplinary research, innovation and entrepreneurship.



#### DINAKARAN

தேசிய அளவில் 2வது இடத்தினைப் பெற்று ஸ்ரீ கிருஷ்ணா பொறியியல்

#### ஸ்ரீ கிருஷ்ணா பொ கல்லூரி சாதனை

கோவை, ஆக.21:மத்திய அர 9ன் கல்வித்துறை அடல் தரவரிசையில் கோவை ஸ்ரீ கிருஷ்ணா பொறியியல் மற்றும் தொழில்நுட்பக்கல் லூரி தேசிய அளவில் 2வது இடத்தைப் பெற்றுள்ளது.

ச்ய நிதி கல்லூ ரிகள் பிரிவில் இக்கல்லூரி கிறப் பாக செயல்பட்டுள்ளது. ஆராய்ச்சித் துறையில் பல புதிய படைப்புகளை உரு வாக்கியதற்கும், கல்லூரி யின்பேராசிரியர்கள் மற்றும் மாணவர்கள் உலக அளவில் ஆய்வு கட்டுரைகளை சமர்ற பித்ததற்காகவும், ஆய்வுக்காக நிதி உதவி பெற்றதற்காகவும் சிறந்த ஆய்வு எண்ணங் களை உருவாக்கியதற்காக வும் மேலும், கண்டுபிடித்த ஆய்வுகளை தொழில் நிறுவ னங்களில் பயன்படுத்திய தற்கா கவும் இவ் விருது வழங்கப்பட்டுள்ளது.இவ்வி

ருதை இந்திய துணை ஜனா திபதி வெங்கையா நாயுடு, மத்திய அரசின் கல்வித் துறை அமைச்சர் ரமேஷ் துமைற் அமைச்சர் ரமேஷ் போக்ரியால், நிஷான்க், அமைச்சர்சஞ்சய்தொற்றே, உயர்கல்வித்துறையின் செய லர் அமித்காரி முதன்மை புதுமை கண்டுபிடிப்பு அதி பதுமை கண்டுபடிப்பு அத காரி அபய்ஜெரே மற்றும் அகில இந்திய தொழில் நுட் பத்தின் தலைவர் அனில் பததன் தலைவர் அனில் சஹஸ்ரபுத்தே ஆகியோர் காணொளி காணொளி மூலம் வழங் கினர்.விருதை பெற்றமைக் காக கிருஷ்ணா கல்வி குழு மங்களின் முதல்வர்களான ஜெனட், சீனிவாசன் ஆள வந்தார்,பேராசிரியர்கள் மற் றும்மாணவமாணவிகளை இக்கல்வி குழுமங்களின் நிர் வாக அறங்காவலர் மலர் விழி முதன்மை நிர்வாக அதிகாரி சுந்தர்ராமன் ஆகி யோர் பாராட்டினர்.



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DHINAMALAR

# கண்டுபிடிப்புகளில் கலக்கும் கல்வி நிறுவனங்கள்!

#### **கோவை, ஆக.** 20– தேசிய அளவில் புது கண்டுபிடிப்புகளில் சிறந்து விளங்கும் கல்வி நிறுவ னங்களின் தரவரிசை பட் டியலில், கோவையை சேர்ந்த கல்லூரிகள், பல்க லைகள் ஆதிக்கம் செலுத்

w.dinamalar.com ம்புத்துார்

யாழன் 🖲 ஆகஸ்ட் 20 2020

குகின்றன. உயர்கல்வியில் கண்டுபிடிப்புகளை ஊக் குவிக்க மத்திய கல்வி அமைச்சகம் சார்பில், ,ண்டுதோறும் 'அடல் ஆண்டுமூறும் அடல ரேங்கிங் ஆப் இன்ஸ்டி டியூஷன் ஆன் இன்னோ வேஷன் அச்சிவ்மென்ட் ' என்ற தரவரிசை பட்டியல் வெளியிடப்படுகிறது.

இதில், அரசு நிறுவ னங்களில், மத்திய அரசு கல்வி நிறுவனம், மாநில பல்கலை, அரசு, அதன் புது உதவிபெறும் கல்லுாரிகள் பிரிவுகளிலும், தனியார் நிறுவனங்களில் தனியார் நிறுவனங்களில் தனமார பல்கலை, கல்லூரிகள் வெளிமிடப்பட்டது. என, ஐந்து பிரிவுகளில் இப்பட்டியலில் "நேங்கில்' பட்டியல் தயா கோவையை சேர்ந்த கல்லூரரிகள், பல்கலை

ஆன்லைன் மூலம் விண் ணப்பங்கள் பெறப்பட் டன. இவ்வாறு மொத்தம், 674 கல்வி நிறுவனங் கள் விண்ணப்பித்திருந் தன. தன. பல்வேறு தகுதி பிரிவுகளில் மதிப்பெண் வழங்கி, நடப்பு கல்வி னம் முத யாண்டு 'ரேங்க்' பட்டியல் துள்ளது. வளியிடப்பட்டது. அரசு மற்றும் தரசு இப்பட்டியலில் உதவி பெறும் கல்லூரி

இதற்காக கடந்தாண்டு முதல், 5 இடங்களில்

கோவை கல்லூரிகள், பல்கலைகள் ஆதிக்கம் இடம்பெற்று ஆதிக்கம் செலுத்துகின்றன. மகளிர் அரசு கல்வி நிறுவனங்கள் தரவரிசை பட்டியலில், கோவை அவினாசிலிங் கம் இன்ஸ்டிடியூட் பார் ஹோம் சயின்ஸ் நிறுவ னம் முதலிடத்தை பிடித் AUG

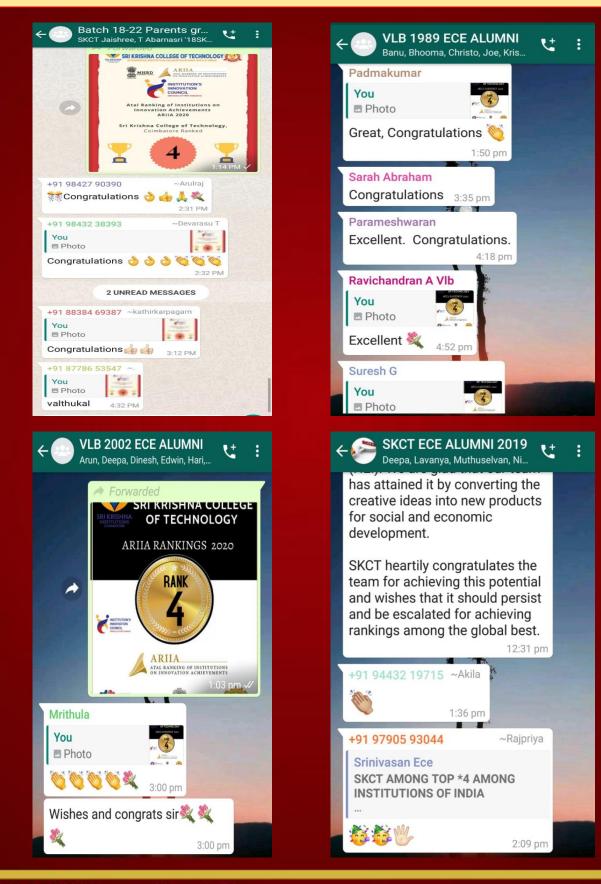
சேர்ந்த கள் பட்டியலில், கோவை இன்ஸ்டிடியூட் ஆப் டெக் னாலஜி(சி.ஐ.டி.,) கல்லூரி மூன்றாமிடமும், பி.எஸ். ஜி.ஆர்., கிருஷ்ணம்மாள் மகளிர் கல்லூரி ஐந்தாமி டமும் பிடித்துள்ளன. தனி யார் படிக்கல பட்டியலில் அமிதா விஷ்வா வித்யாபீ , வஷவா வித்யாபீ நான்காம் இடம் பெற் து.

இதேபோன்று தனியார் கல்லூரிகள் தரவரிசை பிரிவில், ஸ்ரீ கிருஷ்ணா இன்ஜி., கல்லூரி இரண் டாமிடமும், ஸ்ரீகிருஷ்ணா இன்ஸ்டிடியூட் ஆப் டெக் னாலஜி நான்காமிடத்தை யும் பிடித்துள்ளன. தேசிய அளவில் நடப்பாண்டு அனைத்து பிரிவு தரவரிசை பட்டியலிலும், தமிழக உயர்கல்வி நிறுவனங்கள் சிறப்பான இடம்பிடித் துள்ளன.

இவற்றில் கோவையை சேர்ந்த கல்லுாரிகள், பல்க சேர்ந்த கல்லூரியாகள், பல்க லைகள் முதல், 5 இடங்க ஞைக்குள் பெற்று ஆதிக்கம் செலுத்துவது, பேராசிரியர் கள் மற்றும் கல்வியாளர் கள் மத்தியில் பெருமிதத் தையும், மகிழ்ச்சியையும் ஏற்படுத்தியுள்ளது.

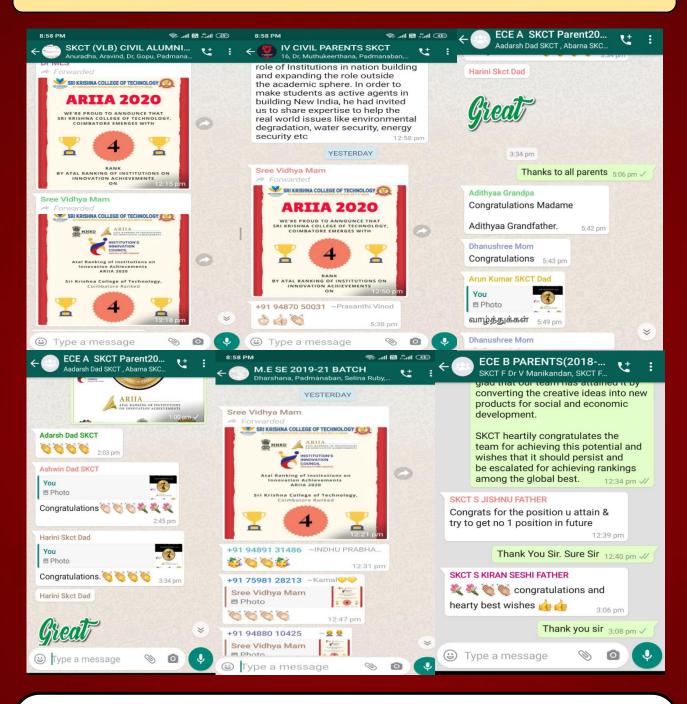
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#### ECE | ATAL RANKING | FEEDBACK



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### **CIVIL | AIIRA RANKING DISSIMINATION**



Students, Parents and Alumni from the Dept. of Civil Engineering congratulated Sri Krishna College of Technology for securing **"Rank 4"** in **Atal Ranking of Institutions on Innovation Achievements** (ARIIA 2020).

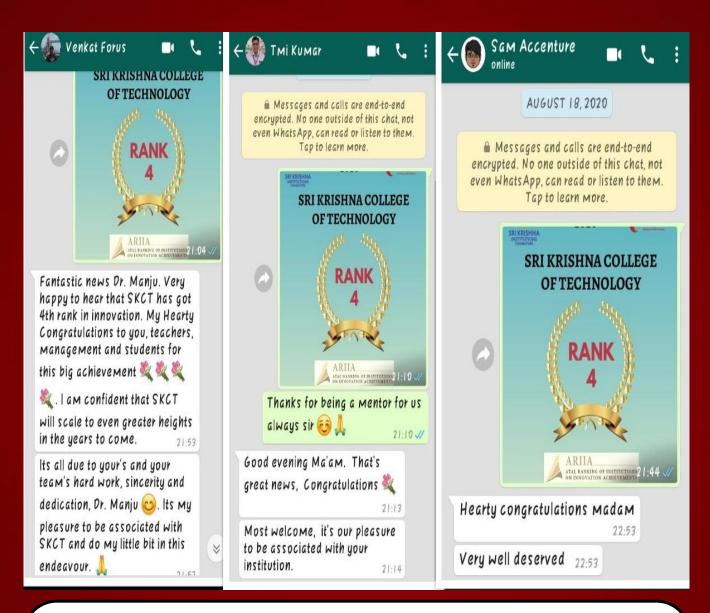
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#### **IT | ATAL RANKING FEEDBACK**

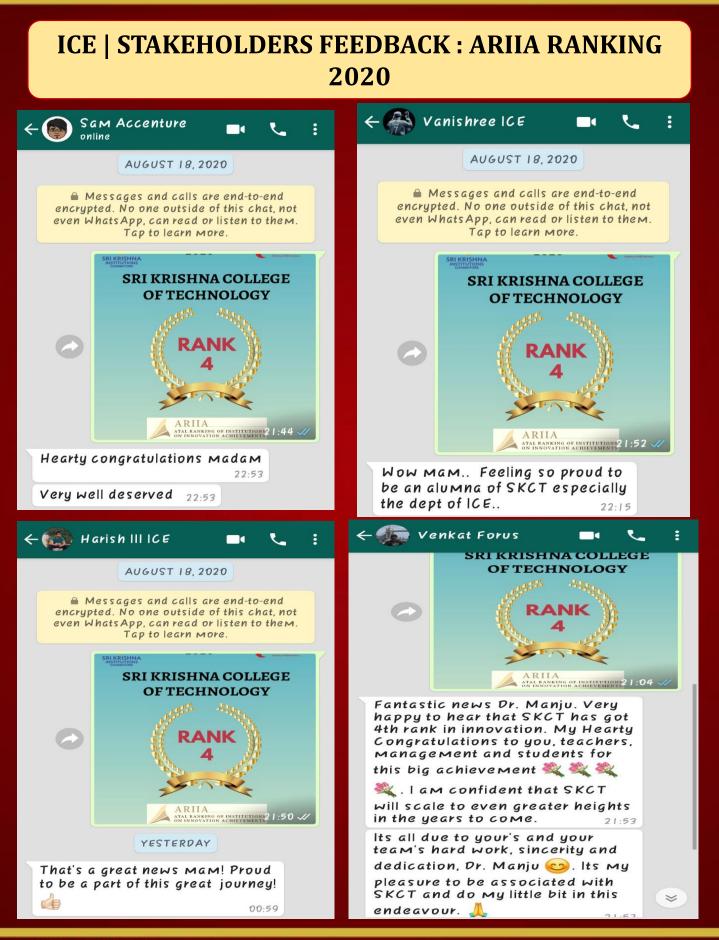


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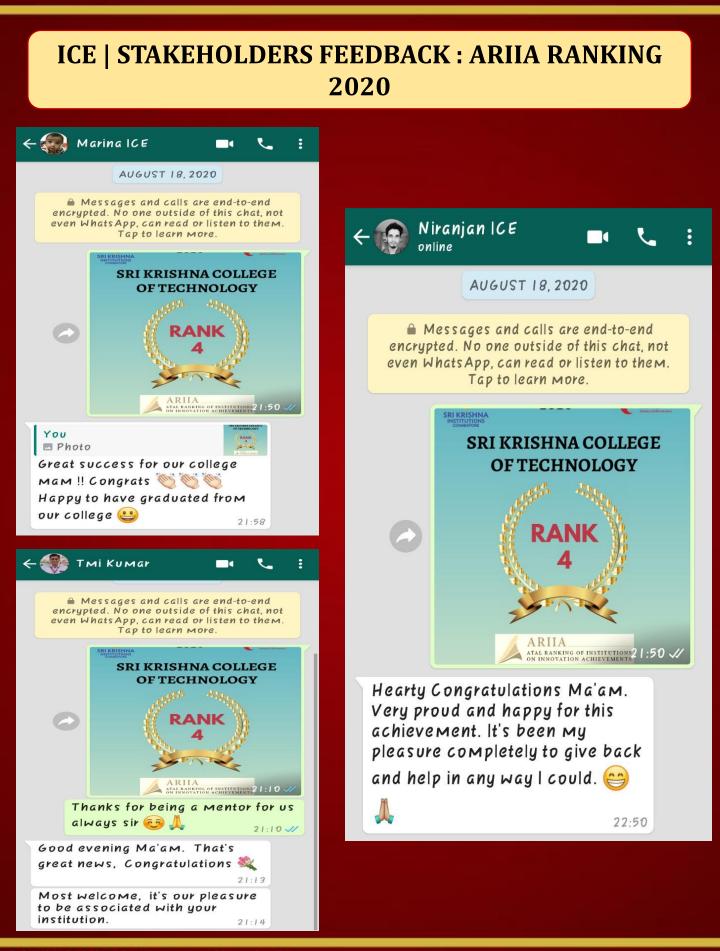
## ICE | STAKEHOLDERS FEEDBACK : ARIIA RANKING 2020



Mr Venkatakrishnan S, CTO & Head (R&D), Forus Health, Bengaluru, Mr Kumar, Manager, TMI Systems, Bengaluru and Mr Sam Jebasingh, Senior HR, Accenture, Chennai, appreciated Sri Krishna College of Technology, Coimbatore for securing "**Rank 4**" in **Atal Ranking of Institutions on Innovation Achievements (ARIIA 2020).** 



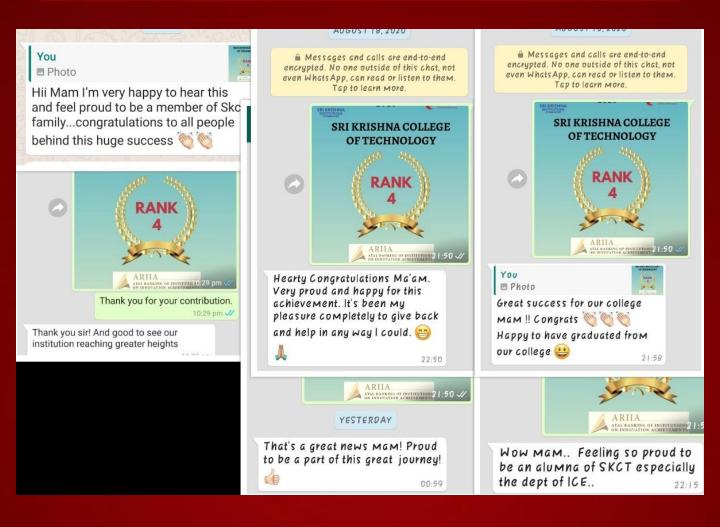
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## ICE | STAKEHOLDERS FEEDBACK : ARIIA RANKING 2020



Ms D Sowmiya, Engineer, Bosch, Coimbatore, Ms Vanishree, CTS, Chennai, Mr Harish K, Financial Reporting Analyst, Ireland, Ms Marina Sophia T, Engineer, Kavin Engg., Coimbatore, Ms Pavithra, Senior Engineer, Forus Health, Bengaluru and Mr Niranjan Kumar, Event Manager, Green Room Pvt. Ltd., Bengaluru, Alumni, Dept. of ICE, appreciated and gave their feedback on SKCT for securing **"Rank 4"** in **ARIIA 2020.** 





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#### **SKCT | INDEPENDENCE DAY CELEBRATION**



Sri Krishna College of Technology celebrated the **74th Independence Day** at the campus with usual fervour in the spirit of harmony. Dr. Srinivasan Alavandar, Principal, unfurled the National Flag on 15 August 2020.

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## **SKCT | INDEPENDENCE DAY CELEBRATION**







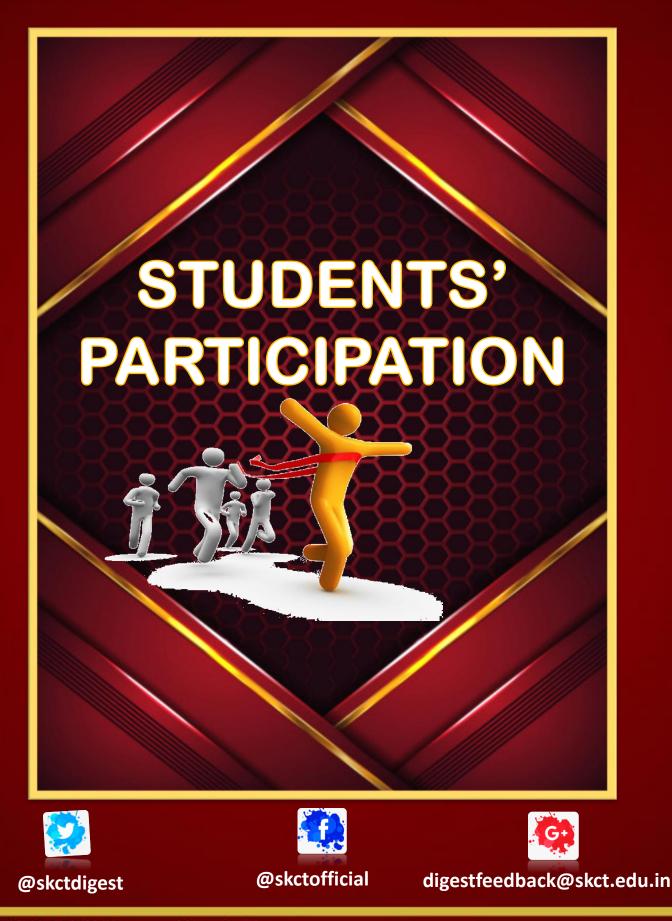


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## **SKCT | INDEPENDENCE DAY CELEBRATION**







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## CSE | STUDENTS' PARTICIPATION IN FLIPR HACKATHON 5.0

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Mr K Rajaprasath and Mr V Rishi Kumar, Students of Third B.E. CSE B and C Section, participated in **"Flipr Hackathon 5.0** during 14-17 August 2020.

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## MECH | STUDENT'S PLACEMENT | IN CODA SOFTWARE SOLUTIONS PVT. LTD.





keep going, keep growing.

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CODA

Business Outcomes @Consumer Speed

July 14, 2020

Dear Jaya Harish Kumarasamy,

Congratulations! We are happy to welcome you to Coda. Together we shall build a great technology organization that shall epitomize the great values we stand for.

We are pleased to offer you the role of **Software Engineer - Trainee** for our India operations. Joining location will be Chennai or Coimbatore and that will be communicated later during onboarding. We offer salary and benefits of **INR 610,400**/- annually with the following break up.

Details	Monthly	Annually	
Basic Salary	23,000	276,000	
HRA	11,500	138,000	
Conveyance	1,600	19,200	
PF	1,800	21,600	
Flex Allowance	11,300	135,600	
Medical Insurance		20,000	
Total(INR)		610,400	

Please keep the salary information confidential and discuss only with the Managing Partners of Coda. As a token of acceptance, Please sign a copy of this document and a tentative date of joining to campus@coda.global.

Wishing you all the best and lets "Do Something Great Every day"!.

Approved and Authorized

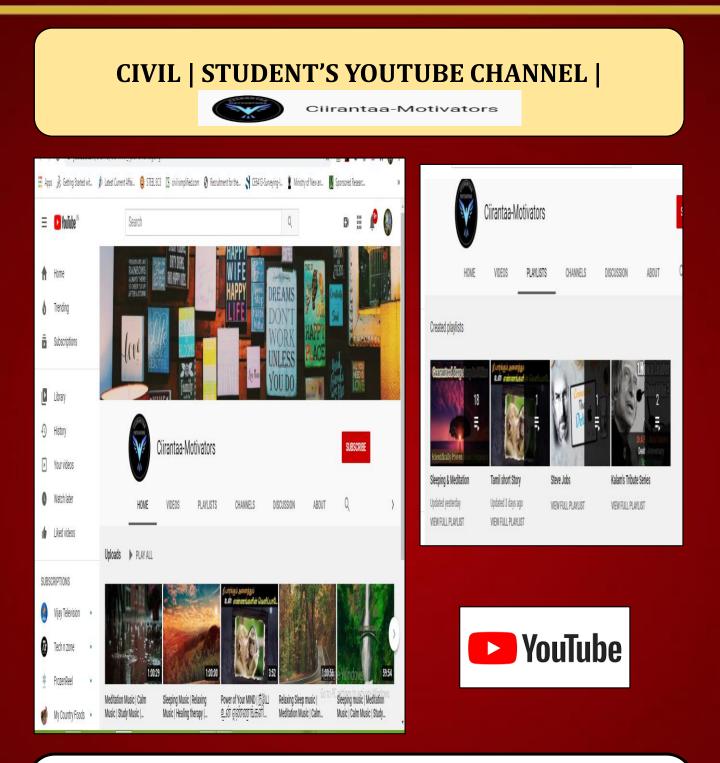
Copinathan.P Gopinathan Pandurangan

**VP-Operations** 

Coda Software Solutions Pvt. Ltd. Subsidiary of Coda Global. LLC Level 8, Olympia Teknos Park, No. 28, SIDCO Industrial Estate, Guindy, Chennai – 600032. CIN: U74969TM2015PTC103124 | Tel / Fax: 044 4065 2301 | Email: <u>info.india@coda.global</u> www.coda.global

Mr K Jayaharish, Student of Final B.E. Mechanical Engineering, has been selected as an **"Software Engineer – Trainee"** in Coda Software Solutions Pvt. Ltd. on 18 August 2020.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020



Mr R Gopinath, Mr V Dharshan, Mr S Logesh and Mr J Beno Domnic, Students of Final B.E. Civil Engineering, started their YouTube Channel named "**CIIRANTA MOTIVATORS**" to provide Stress Free and Relaxation videos.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

#### ECE | STUDENT'S PARTICIPATION | WEBINAR ON VINNAI THODU





Mr M Kiran Seshi, Student of Third B.E. ECE B Section, attended a webinar on **"Vinnai Thodu"** organised by Rotaract Club of Coimbatore Texcity and Students For Students Association on 12 August 2020.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

#### IT | STUDENT'S CERTIFICATION | PROGRAMMING FOR EVERYBODY(GETTING STARTED WITH PYTHON)



Ms N Shobha, Student of Second B.Tech. IT B Section, completed an online certification course on **"Programming for Everybody (Getting Started with Python)"** authorised by University of Michigan and offered through Coursera on 16 August 2020.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

## IT | STUDENTS' CERTIFICATION | NEW INDIA LEARNATHON 2020



Mr Sudhagar M, Mr Sujan karthi N, Ms Sneha T, Students of Second B.Tech. IT B Section, participated in "**New India Learnathon 2020**" organised by ICT Academy on 16 August 2020.

## CIVIL | STUDENT'S PARTICIPATION| NEW INDIA LEARNATHON 2020



Mr Abutariq Alianwardeen, Student of Second B.E. Civil Engineering, participated in **"New India Learnathon 2020**" organised by ICT Academy during May-June 2020.

## MECH | | STUDENTS' CERTIFICATION | ONLINE COURSE ON BUILD A LINEAR LAYOUT APP IN ANDROID STUDIO

Mr K Ramkumar, Student of Third B.E. Mechanical Engineering, completed an online course on "Build a Layout Linear App in Android Studio" offered through Coursera 18 on August 2020.



#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

### CSE | STUDENTS' CERTIFICATION ON PROGRAMMING FOR EVERYBODY (GETTING STARTED WITH PYTHON)



Mr Aruna Jayaraman and Mr U Jagadeeswaran, Students of Second B.E. CSE A Section, completed an online non-credit course on **"Programming for Everybody (Getting Started with Python)**" authorised by University of Michigan and offered through Coursera.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

## CSE | STUDENT'S CERTIFICATION | TCS iON DIGITAL LEARNING

Learn, Shore, Coloborate	TATA CONSULTANCY SERVIC
This is to certify that	
Ashwath K	
has successfully completed	
Communication Skills	
online course offered by TCS iON	
	(.' 15 Jul 2020
Topics: Importance of Communication  Process of Communication  Bat	
Importance of Communication      Process of Communication     Effective Comm	
	-deford -
	0.04
Coll. 00. 191206-9282809-1015	Head - Learning, iON Digital Learning Hub

Mr K Ashwath, Student of Second B.E. CSE A Section, completed an online course on **"Communication Skills"** offered by TCS iON – Digital Learning Hub.

#### CSE | STUDENT'S CERTIFICATION ON HTML, CSS, AND JAVASCRIPT FOR WEB DEVELOPERS

Ms K Dharani, Student of Second B.E. CSE A Section, completed an online noncredit course on "HTML, CSS, and Javascript for Web Developers" authorised by University of Michigan and offered through Coursera on 17 August 2020.



## CSE | STUDENTS' CERTIFICATION ON ONLINE COURSES OFFERED BY UDEMY



Mr G S Roshan Karthick, Student of Third B.E. CSE C Section, completed online courses on **"Javascript Basics in 34 Minutes"**, **"Complete Responsive Web Development: 4 Courses in 1**" and **"The Complete Android Ethical Hacking Practical Course C|AEHP"** offered by Udemy on 16 August 2020.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

## CSE | STUDENT PARTICIPATION | INTERVIEW SOFT SKILL WORKSHOP

Ms N Sharaha, Student of Final B.E. CSE C Section, participated in **"Interview Soft Skill Workshop**" organised by Engineering Times and Image&U on 15 August 2020.

#### Certificate of Participation

This certificate is presented to:

SHARAHA N

for participating in "Interview Soft Skills Workshop" organised by Engineering Times and Image&U, on 15th August 2020.

wdet Jair Co-Founder, Engineering Times

## CSE | STUDENT ACHIEVEMENT | 3<sup>rd</sup> RANK IN C MEDIUM TEST



Ms N Shr	uthi, S	Stude	nt
of Third	B.E.	CSE	С
Section, s	ecure	d rai	ık
3 in " <b>C M</b>	ediun	n Tes	ť"
conducted	d	]	у
TECHGIG	or	n 2	16
August 20	)20.		

## CSE | STUDENTS' CERTIFICATION ON ONLINE COURSES OFFERED BY UDEMY



Ms S Swetha, Student of Third B.E. CSE C Section, completed online courses on **"Javascript Basics in 34 Minutes"**, **"Complete Responsive Web Development: 4 Courses in 1**" and **"The Complete Android Ethical Hacking Practical Course C**|**AEHP**" offered by Udemy on 16 August 2020.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

## CSE | STUDENT'S CERTIFICATION ON COUSERA AUTHORISED BY UNIVERSITY OF MICHIGAN



Mr R Santhosh, Student of Third B.E. CSE C Section, completed an online non-credit courses on "Using Databases with Python", "Python for Everybody" and "Capstone: Retrieving, Processing, and Visualizing Data with Python" authorised by University of Michigan and offered through Coursera on 16 August 2020.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

#### EEE | STUDENT'S PARTCIPATION IN TECHNICAL TALK SERIES



Ms M Nandhini, Ms P Myvizhi, Ms G Varshini, Mr A Parthiban, Students of Third B.E. EEE B Section, participated in a Technical Talk on **"Basics of Single Line Diagram in LT/HT Power Systems"** organised by AWA Teknik Pvt. Ltd. on 14 August 2020.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

### IT | STUDENTS' CERTIFICATION | PROGRAMMING FOR EVERYBODY(GETTING STARTED WITH PYTHON)



Mr Saravana Kumar A, Mr Ragul Balaji and Ms Renitha A, Students of Second B.Tech. IT B Section, completed an online certification course on "**Programming for Everybody (Getting Started with Python)**" authorised by University of Michigan and offered through Coursera on 19 August 2020.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

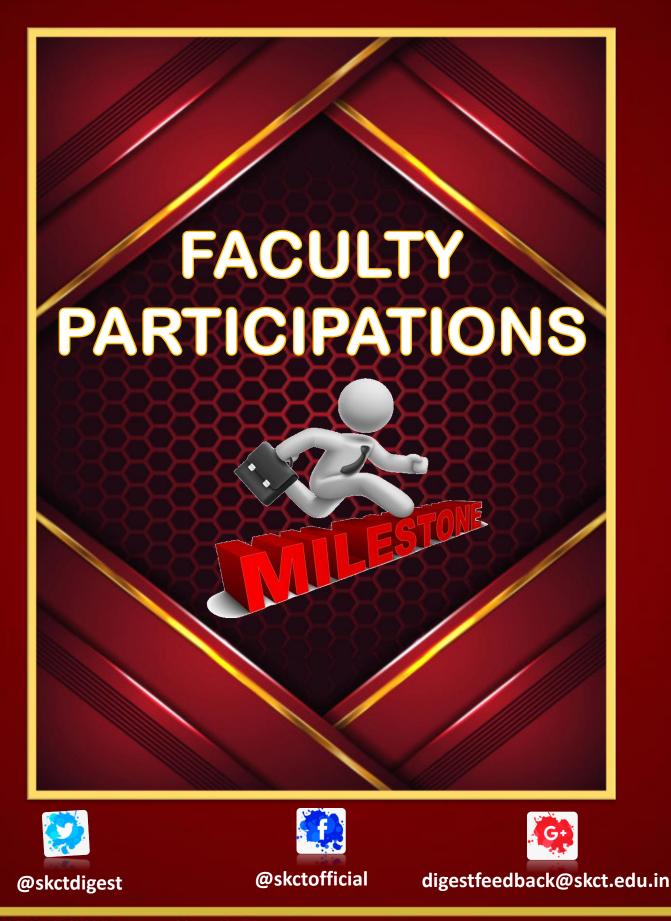
### IT | STUDENT CERTIFICATION | INTRODUCTION TO PYTHON



Ms Shamyuktha K, Ms Sudhashini S and Ms Sakthi Maruvarasi G, Students of Second B.Tech. IT B Section, completed an online certification course on **"Introduction to Python"** authorised by Coursera Project Network and offered through Coursera on 21 August 2020.

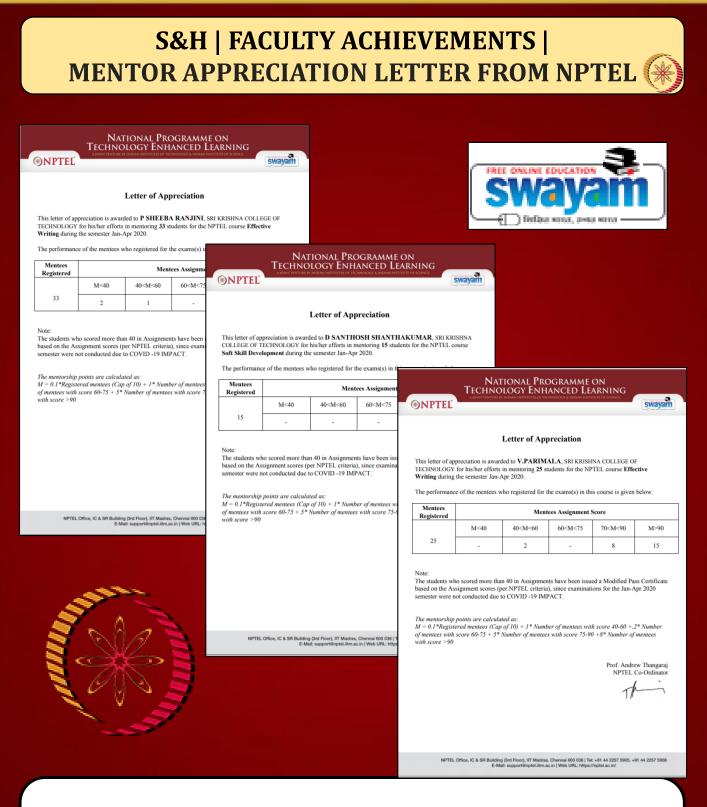


Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020



21 AUG 2020 | Campus Newsletter

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020



The Members of Faculty from the Dept. of Science and Humanities received a **"Letter of Appreciation"** from NPTEL for their efforts in mentoring the students for various NPTEL courses.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

### **S&H | FACULTY ACHIEVEMENTS | MENTOR APPRECIATION LETTER FROM NPTEL**

#### NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

(INPTEL)

#### Letter of Appreciation

This letter of appreciation is awarded to **B. HARIPRIVA**, SRI KRISHNA COLLEGE OF TECHNOLOGY for his/her efforts in mentoring **11** students for the NPTEL course **Effective Writing** during the semester Jan-Apr 2020.

The performance of the mentees who registered for the exams(s) in this course is given below

Mentees Registered	Mentees Assignment Score					
	M<40	40 <m<60< th=""><th>60<m<75< th=""><th>70<m<90< th=""><th>M&gt;90</th></m<90<></th></m<75<></th></m<60<>	60 <m<75< th=""><th>70<m<90< th=""><th>M&gt;90</th></m<90<></th></m<75<>	70 <m<90< th=""><th>M&gt;90</th></m<90<>	M>90	
11	-	-		2	9	

The students who scored more than 40 in Assignments have been issued a Modified Pass Certif based on the Assignment scores (per NPTEL criteria), since examinations for the Jan-Apr 2020 semester were not conducted due to COVID-19 IMPACT.

The mentorship points are calculated as:  $M = 0.1^*$ Registered mentees (Cap of 10) + 1\* Number of mentees with score 40-60 + .2\* Number of mentees with score 60-75 + 5\* Number of mentees with score 75-90 + 8\* Number of mentees with score > 20 + 8\* Number of mentees

of. Andrew Thangaraj NPTEL Co-Ordinator Th

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NPTEL Office, IC & SR Building (3rd Floor), IIT Madras, Chennai 600 036 | Tel: +91 44 2257 5905, +91 44 2257 5905 E-Mail: support@ryptel.itm.ac.in | Web URL: https://nptel.ac.in/

#### NATIONAL PROGRAMME ON Technology Enhanced Learning

**NPTEL** 

#### Letter of Appreciation

This letter of appreciation is awarded to KARTHIKS, SRI KRISHNA COLLEGE OF TRCINOLOGY for his/her efforts in mentoring 22 students for the NPTEL course Enhancing Soft Skills and Personality during the semester Jan-Apr 2020.

The performance of the mentees who registered for the exams(s) in this course is given belo

Mentees Registered	Mentees Assignment Score					
	M<40	40 <m<60< th=""><th>60<m<75< th=""><th>70<m<90< th=""><th>M&gt;90</th></m<90<></th></m<75<></th></m<60<>	60 <m<75< th=""><th>70<m<90< th=""><th>M&gt;90</th></m<90<></th></m<75<>	70 <m<90< th=""><th>M&gt;90</th></m<90<>	M>90	
22	4	9	3	5	1	

The students who scored more than 40 in Assignments have been issued a Modified Pass Certificate based on the Assignment scores (per NPTEL criteria), since examinations for the Jan-Apr 2020 semester were not conducted due to COVID-19 IMPACT.

mentorship points are calculated as: 0.1\*Registered mentees (Cap of 10) + 1\* Number of mentees with score 40-60 +,2\* Number entees with score 60-75 + 3\* Number of mentees with score 75-90 + 8\* Number of mentees score >90



## The Members of Faculty from the Dept. of Science and Humanities received a "Letter of Appreciation" from NPTEL for their efforts in mentoring the students for various NPTEL courses.

#### 21 AUG 2020 | Campus Newsletter

#### NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

#### Letter of Appreciation

This letter of appreciation is awarded to **N.NALJNI**, SRI KRISHNA COLLEGE OF TECHNOLOGY for his/her efforts in mentoring **15** students for the NPTEL course **Effective Writing** during the semester Jan-Apr 2020.

Mentees Registered	Mentees Assignment Score					
	M<40	40 <m<60< th=""><th>60<m<75< th=""><th>70<m<90< th=""><th>M&gt;90</th></m<90<></th></m<75<></th></m<60<>	60 <m<75< th=""><th>70<m<90< th=""><th>M&gt;90</th></m<90<></th></m<75<>	70 <m<90< th=""><th>M&gt;90</th></m<90<>	M>90	

(INPTEL)

The students who scored more than 40 in Assignments hav based on the Assignment scores (per NPTEL criteria), sinc semester were not conducted due to COVID -19 IMPACT. ssued a Modified Pass Certif nations for the Jan-Apr 2020

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rof. Andrew Thangaraj NPTEL Co-Ordinator Th

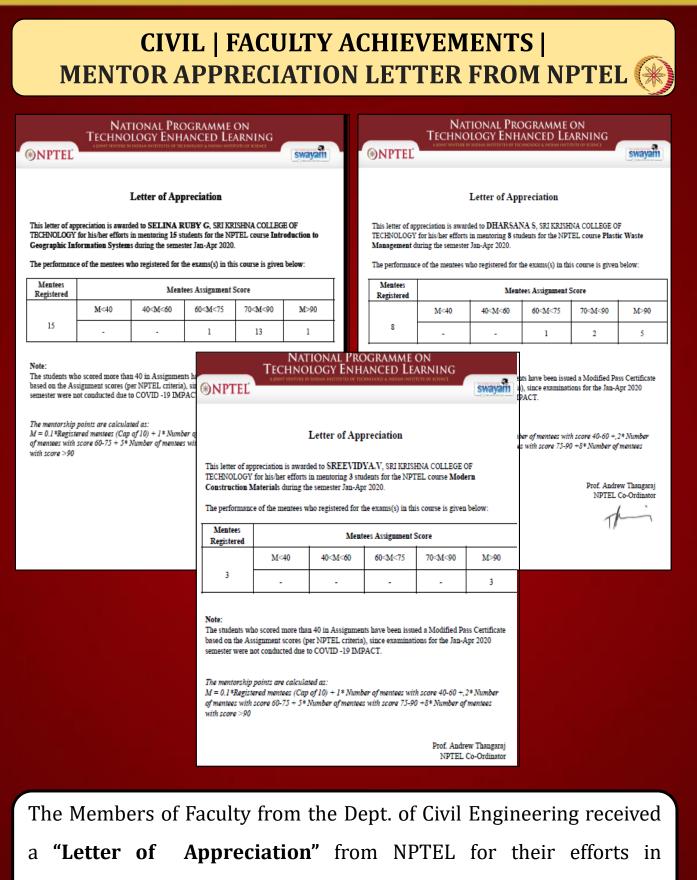
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NPTEL Office, IC & SR Building (3rd Floor), IIT Madras, Chennai 600 036 | Tel: +91 44 2257 5905, +91 44 2257 5908 E-Mail: support@npteLitm.ac.in | Web URL: https://npteLac.in/

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		Letter of Ap	preciation		
	for his/her efforts	rded to A SUJIPR s in mentoring 24 s er Jan-Apr 2020.			
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The students wh based on the Ass semester were not The mentorship, M = 0.1*Registe of mentees with	signment scores ( ot conducted due points are calcul- pred mentees (Ca	per NPTEL criteria to COVID -19 IM ated as: p of 10) + 1* Num	a), since examinat PACT. ber of mentees wit	th score 40-60 +,2 0 +8* Number of Prof. Andre	2* Number mentees
The students wh based on the Ass semester were not The mentorship, M = 0.1*Registe of mentees with	signment scores ( ot conducted due points are calcul- pred mentees (Ca	per NPTEL criteria to COVID -19 IM ated as: p of 10) + 1* Num	a), since examinat PACT. ber of mentees wit	th score 40-60 +,2 0 +8* Number of Prof. Andre	Apr 2020 2* Number mentees
The students wh based on the Ass semester were not The mentorship, M = 0.1*Registe of mentees with	signment scores ( ot conducted due points are calcul- pred mentees (Ca	per NPTEL criteria to COVID -19 IM ated as: p of 10) + 1* Num	a), since examinat PACT. ber of mentees wit	th score 40-60 +,2 0 +8* Number of Prof. Andre	Apr 2020 2* Number mentees

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#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020



mentoring the students for various NPTEL courses.

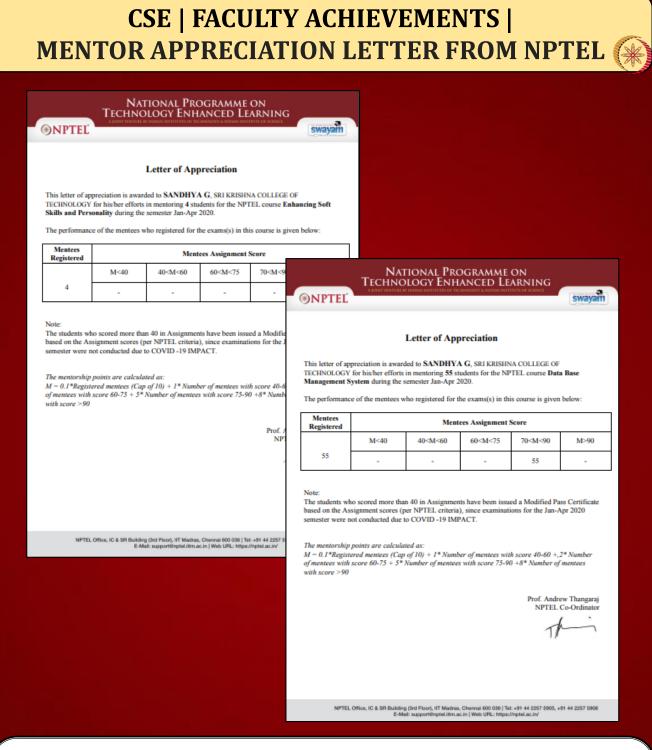
#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

### S&H | FACULTY ACHIEVEMENTS | MENTOR APPRECIATION LETTER FROM NPTEL



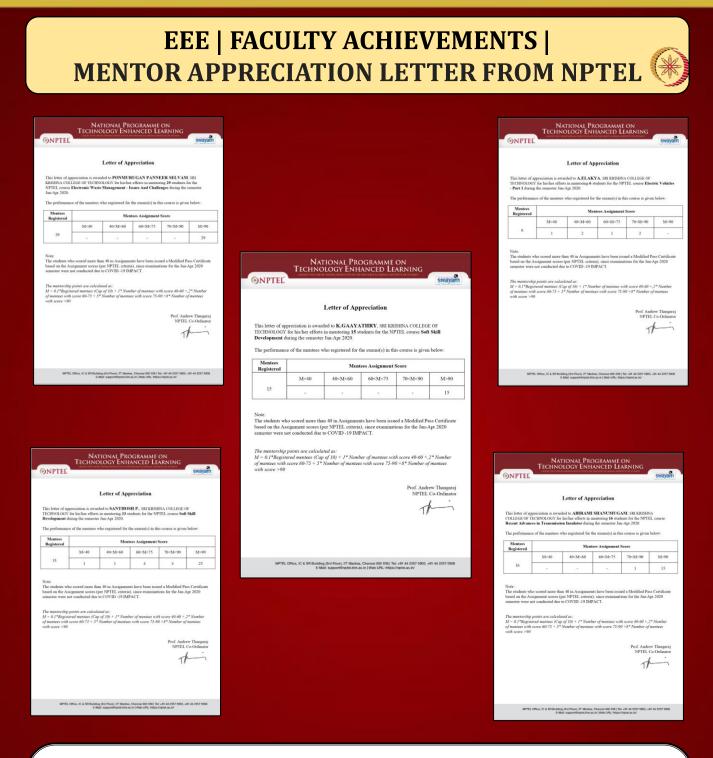
The Members of Faculty from the Dept. of Science and Humanities received a **"Letter of Appreciation"** from NPTEL for their efforts in mentoring the students for various NPTEL courses.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020



Ms G Sandhya, Asst. Professor, Dept. of CSE, received a **"Letter of Appreciation"** from NPTEL for her efforts in mentoring the students for NPTEL courses on **"Data Base Management System"** and **"Enhancing Skills and Personality"** during January-April 2020.

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Dr P Ponmurugan, Assoc. Professor, and Ms A Elakya, Ms S Abirami, Dr P Santhosh and Dr K Gaayathry, Asst. Professors, Dept. of EEE, received a **"Letter of Appreciation"** from NPTEL for their efforts in mentoring the students for various NPTEL courses.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

### CSE | FACULTY ACHIEVEMENTS | MENTOR APPRECIATION LETTER FROM NPTEI



Ms S Padmavathi, Asst. Professor, Dept. of CSE, received a **"Letter** of Appretiation" from NPTEL for her efforts in mentoring 18 students for the NPTEL course on **"Joy of Computing using** Python" during January-April 2020.

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	preciation is award for his/her efforts i		MAVATHI, SR		
Computing usi	ing Python during t	the semester Jan-A	Apr 2020.		
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18	-	-	2	2	14
semester were n The mentorship M = 0.1*Registi	ssignment scores (p not conducted due to points are calculat tered mentees (Cap score 60-75 + 5*)	ted as: of 10) + 1* Numb	PACT.	h score 40-60 +,1	2* Number
					ew Thangaraj Co-Ordinator

### IT | FACULTY ACHIEVEMENTS | MENTOR APPRECIATION LETTER FROM NPTEL

NPTEL					swayan
		Letter of App	oreciation		
	s in mentoring 23	rded to <b>ROOPA V</b> 3 students for the N			
	of the mentees	who registered for t	he exams(s) in th	is course is given	below:
Mentees Registered		Ment	ees Assignment	Score	
	M<40	40 <m<60< th=""><th>60<m<75< th=""><th>70<m<90< th=""><th>M&gt;90</th></m<90<></th></m<75<></th></m<60<>	60 <m<75< th=""><th>70<m<90< th=""><th>M&gt;90</th></m<90<></th></m<75<>	70 <m<90< th=""><th>M&gt;90</th></m<90<>	M>90
he students who		3 an 40 in Assignmer			
Note: he students who ased on the Ass emester were no he mentorship $p$ f = 0.1*Register	ignment scores ( ot conducted due points are calcula red mentees (Ca	an 40 in Assignmer per NPTEL criteria to COVID -19 IMI	), since examinat PACT.	ed a Modified Pas ions for the Jan-A	pr 2020
iote: he students who ased on the Ass ermester were no he mentorship p $I = 0.1^* Register (mentees with s$	ignment scores ( ot conducted due points are calcula red mentees (Ca	an 40 in Assignmer per NPTEL criteria to COVID -19 IMI ated as: p of 10) + 1* Numb	), since examinat PACT.	ed a Modified Par ions for the Jan-A th score 40-60 +,2 0 +8* Number of Prof. Andre	pr 2020

Ms V Roopa, Asst. Professor, Dept. of IT, received a "**Letter of Appreciation**" from NPTEL for her efforts in mentoring 23 students for the NPTEL course on "**Software Testing**" during the January-April 2020.

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Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

### CSE | FACULTY CERTIFICATION ON ROBOTIC PROCESS AUTOMATION: RPA FUNDAMENTALS + BUILD A ROBOT



Ms	G	G Nivedhitha,				st.
Profe	ssor,	De	pt.	of	CS	SE,
completed an online course					se	
on	"Ro	bot	ic	P	roce	SS
Autor	matio	n:			R	PA
Fund	amen	tals	+	Bı	uild	а
Robo	<b>t"</b> on	13 A	ugus	t 20	020.	

EEE | FACULTY PARTICIPATION IN NATIONAL LEVEL SOCIAL AWARENESS PROGRAMME



Mr P Leninpugalhanthi, Asst. Professor, Dept. of EEE, participated in a National Level Social Awareness Programme on **"Yoga and Natural Way of Living"** organised by University College of Engineering, BIT Campus, Anna University, Trichy in association with Rotaract Club of Anna University, Trichy on 02 August 2020.

## **IT | FACULTY CERTIFICATION | COURSERA**



Dr D Jeyabharathi, Asst. Professor, Dept. of IT, completed an online course on **"Cloud Computing Basics"**, **"VR and 360 Video Production"** and **"Introduction to Augmented Reality and ARCore"** offered through Coursera during 15-16 August 2020.

### CSE | FACULTY DEVELOPMENT WEBINAR ON TRENDS AND SCOPE OF RESEARCH IN BLOCKCHAIN TECHNOLOGY

EMUR Aca	GO
CERTIFIC	CATE
OF PARTICIPAT	110N
This is to certify that Mr/Ms	Dr. DEVA PRIYA
fromSRI KRISHNA COLLEGE	OF TECHNOLOGY
has actively participated in the Faculty De	evelopment Webinar Series on
"Trends and Scope of research in E	Blockchain Technology"
ucted by Ignitive Labs - EMURGO India in association wi	th Karunya Institute of Technology and Sciences
from	
× Best wishes	5
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	20-08-2020

Μ Dr Deva Priva, Assoc. Dept. CSE. Professor, of attended a webinar on 'Trends and Scope of Research in Blockchain Technology" organised by Karunya Institue of Technology and Sciences, Coimbatore during 21–23 July 2020.

### CSE | FACULTY CERTIFICATION ON AWS FUNDAMENTALS: ADDRESSING SECURITY RISK

Priya, Dr Μ Assoc. Deva Professor, CSE. Dept. of completed an online non-credit course on "AWS Fundamentals: Addressing Security Risk" authorised by AWS and offered through Coursera on 18 August 2020.



#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

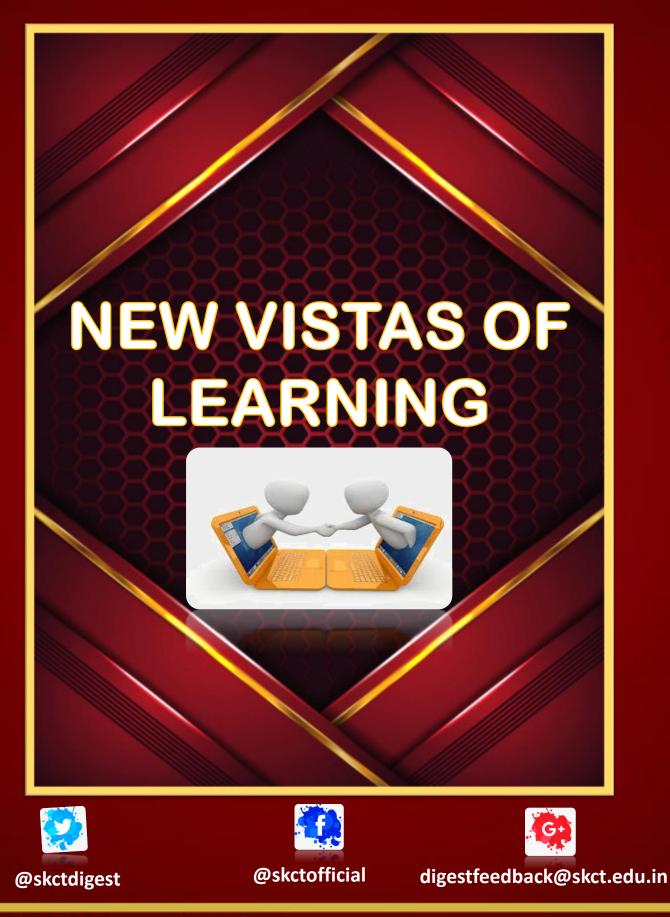
### **CSE | FACULTY CERTIFICATION ON AWS FUNDAMENTALS: GOING CLOUD NATIVE**



Ms G Sandhya, Asst. Professor, Dept. of CSE, completed online noncredit courses on "**AWS Fundamentals**" & "**AWS Fundamentals**: **Going Cloud - Native**" authorised by AWS and offered through Coursera during 19-21 August 2020.



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### **MECH | WEBINAR ON IOT IN AUTOMOTIVES**



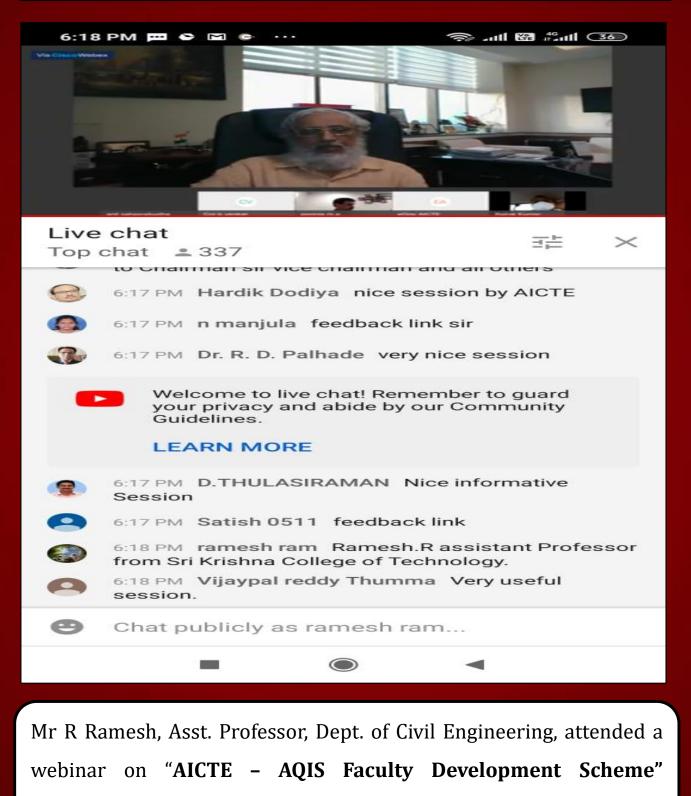


The Members of faculty and Students from the Dept. of Mechanical Engineering attended a webinar on **"IoT in Automotives"** organised by SAEISS Coimbatore Division on 18 August 2020.



#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

### **CIVIL | WEBINAR ON AICTE – AQIS SCHEME**



organised by AICTE on 18 August 2020.

Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

### ECE | WEBINAR ON OPPORTUNITIES IN INDUSTRIAL AI & CONTROL SYSTEM CYBER SECURITY

Alie's Acuraced Austration & Robotics Institute Alie's Acuraced Austration & Robotics Institute
CERTIFICATE OF PARTICIPATION
Presented to
Jaishree Murugesan
For The Active And Invaluable Participation In The Webinar On- WHY NOT ? EPISODE-10
"OPPORTUNITIES IN INDUSTRIAL AI & CONTROL SYSTEM CYBERSECURITY" Organized by AXIS GLOBAL INSTITUTE OF INDUSTRIAL TRAINING On 15-08-2020
THIS IS A CONFUTER- GRIEFANER CERTIFICATE
ISO9001 Net fauther #11. Rot Rate: France, Katte Annue, Annal Strenc, Adentation-General, Caretatory, General Rot, Role, Ro, H. 41, 422 - 470412, 470792 www.galeguan

Ms M Jaishree, Asst. Professor, Dept. of ECE, attended a webinar on **"Opportunities in Industrial AI & Control System Cyber Security"** organised by AXIS Global Institute of Industrial Training on 15 August 2020.

### ECE | WEBINAR ON INNOVATION COMMERCIALISATION FOR ATMANIRBHAR BHARAT

Santhakumar, Mr G Asst. Professor, Dept. ECE. of attended webinar а on "Innovation Commercialisation for Atmanirbhar Bharat" organised by Turnip Innovations Pvt. Ltd. on 14 August 2020.



#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

EEE

### ECE | WEBINAR ON CONCEPTS OF ARRAY ANTENNAS FOR RADAR APPLICATIONS

## Kongu Engineering College



(Autonomous) Perundurai-638060 IEEE-APS Madras Chapter in Association with IEEE-APS KEC

CERTIFICATE OF PARTICIPATION

This is to certify that

#### Mr.G.Santhakumar

has participated in the webinar on the topic of "Concepts of Array Antennas for Radar Application" presented by Dr.K.P.Ray, Professor & Dean(SR), Head of CSE Department, DIAT, Pune held on 6<sup>th</sup> August 2020 organized by IEEE-APS Madras Chapter in Association with IEEE-APS of Kongu Engineering College.

Dr.T.Shanmuganantham Chairman IEEE-APS Madras Chapter

TURE

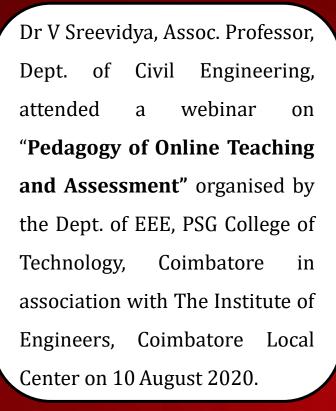
Dr.J.Vijayalakshmi IEEE-APS,KEC Staff Advisor

Ditty arathy

Dr.N.Nithyavathy IEEE SB Counselor

Mr G Santhakumar, Asst. Professor, Dept. of ECE, attended a webinar on **"Concepts of Array Antennas for Radar Applications"** organised by IEEE – APS Madras Chapter in association with IEEE-APS of Kongu Engineering College, Perundurai on 06 August 2020.

### **CIVIL | WEBINAR ON ARIIA AWARD CEREMONY**





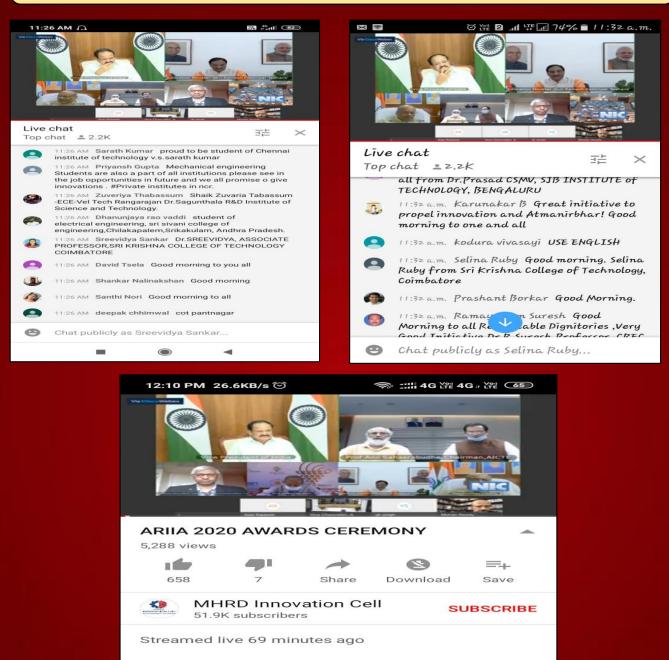


### ECE | WEBINAR ON INDIA IN ITS OWN

Ms Ν Vijayalakshmi, Asst. Professor, Dept. ECE. of attended a webinar on "India organised its own" in by Chennai Institute of Technology, Chennai 11 on August 2020.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

### **CIVIL | WEBINAR ON ARIIA AWARD CEREMONY**



ARIIA 2020 AWARDS CEREMONY

The Members of Faculty from the Dept. of Civil Engineering attended **"ARIIA 2020 Award Ceremony"** organised by MHRD Innovation Cell on 18 August 2020.

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### IT | WEBINAR ON OPPORTUNITIES IN INDUSTRIAL AI AND CONTROL SYSTEM CYBER SECURITY



Ms K Sindhumeena, Asst. Professor, Dept. of IT, attended a webinar on **"Opportunities in Industrial AI and Control System Cyber Security"** organised by AGIIT on 15 August 2020.

### IT | WEBINAR ON PEDAGOGY OF ONLINE TEACHING AND ASSESSMENT

Ms K Sindhumeena, Asst. Professor, Dept. of IT, attened a webinar on **"Pedagogy of Online Teaching and Assessment"** organised by PSG College of Technology, Coimbatore on 10 August 2020.



The Institution of Engineers (India) Coimbatore Local Centre

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING PSG COLLEGE OF TECHNOLOGY, COIMBATORE

#### CERTIFICATE OF PARTICIPATION

This is to certify that Ms. *K.Sindhu Meena* from Sri Krishna College of Technology has participated in the Webinar on "Pedagogy of Online Teaching and Assessment", 10<sup>th</sup> August, 2020 organized by the Department of Electrical and Electronics Engineering, PSG College of Technology, Coimbatore in association with The Institution of Engineers (India), Coimbatore local center.

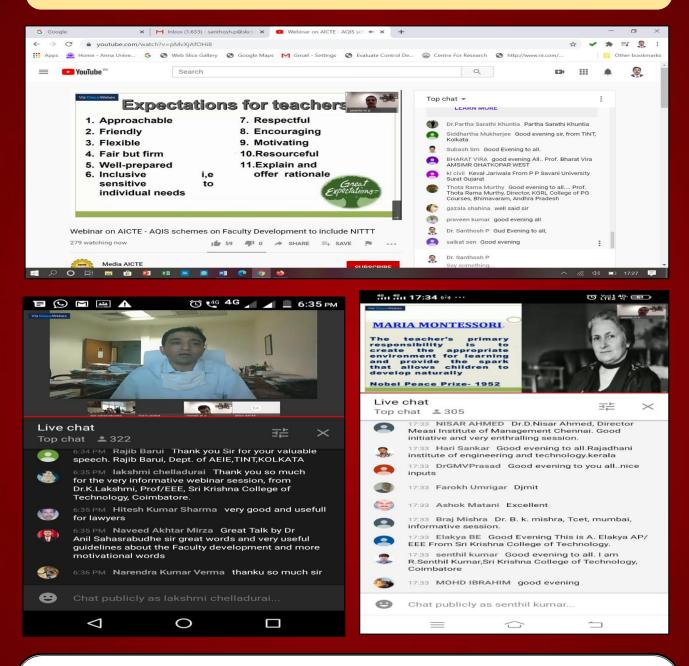


J. Konovyj Dr. J. KANAGARAJ HEAD OF THE DEPARTMENT (JC), EEE



#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020





The Members of Faculty from the Dept. of EEE attended a webinar on **"AICTE-AQIS Schemes on Faculty Development to include National Initiative for Technical Teachers Training"** organised by Faculty Development Cell, AICTE, New Delhi on 18 August 2020.

### IT | WEBINAR ON BASICS OF SOFTWARE TESTING FROM INDUSTRY PERSPECTIVE

Jeyabharathi, Dr D Asst. Professor, Dept. of IT, attended webinar on **"Basics** of а Software Testing from **Perspective**" Industry organised by Meerut Institute of Technology, Meerut on 01 August 2020.

	MEERUT I NSTITUTE OF T ECHNOLOGY	
Certificate of Participation	from <u>Sri Krishna College of Technology</u> BASICS OF SOFTWARE TESTING FROM INDUSTRY PERSPECTIVE of by Department of Computer Science & Engineering, Meant Inst We wishyou all the best for your future endeavors.	
	Describe. Br. marks Singhal Department of Cli Mill Menut	Ke Ca-R Dr. Alok Chauhan Dentre Will Meerut

### IT | WEBINAR ON AUGMENTED REALITY AND ITS APPLICATIONS

# CERTIFICATE OF

This certificate is presented to

Roopa V

for participating in the Webinar Augmented Reality & its Applications by Mr Chetankumar G Shetty, Senior Lead Innvation, PL Lab in Bajaj Finance.

> Lalit Singh Managing Director McGraw Hill

Ms V Roopa, Asst. Professor, Dept. of IT, attended a webinar on **"Augmented Reality and its Applications"** facilitated by Mr Chetankumar G Shetty, Senior Lead Innovation, PL Lab in Bajaj Finance on 10 August 2020.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

### **EEE | FACULTY PARTICIPATION| WEBINAR ON IC FABRICATION - A PRACTICAL PERSPECTIVE**



Department of Electronics and Communication Engineering

Presents this

# CERTIFICATE

Mr. SURESH K P

Sri Krishna College of Technology

For his/her active and invaluable participation in the Webinar on "IC Fabrication - A Practical Perspective" organized by Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore, conducted on 14 August 2020.

Head/ECE **Dr.S.A.Pasupathy** Kumaraguru College of Technology

Principal **Dr.J.Srinivasan** Kumaraguru College of Technology

Mr K P Suresh, Asst. Professor, Dept. of EEE, attended a webinar on **"IC Fabrication – A Practical Perspective"** organised by the Dept. of EEE, Kumaraguru College of Technology, Coimbatore on 14 August 2020.

Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020



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### **IT | FDP ON BLOCKCHAIN**

## Bockchain use cases - Healthcare Manage & store \* Solves drug-Personalized & counterfeit ram krish on-point treatment Time-stamped Patients have and immutable transactions more control You Summarize... **Universal Access** Solution? You

Ms S Madumidha, Asst. Professor, Dept. of IT, attended the AICTE Training and Learning ATAL Academy Sponsored Faculty Development Programme on **"Blockchain"** organised by Mepco Schlenk Engineering College, Sivakasi on 20 August 2020.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

### ECE | FDP ON RECENT ADVANCES IN EMBEDDED SYSTEMS



Dr S Malathy, Professor, Dept. of ECE, participated in a oneweek online FDP on **"Recent** Advances in Embedded Systems" organised by Mahatma Gandhi Institute of Technology, Hyderabad during 07-11 August 2020.

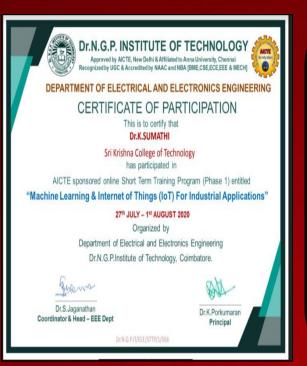
### ECE | FDP ON ADVANCED ANTENNA AND RF TECHNOLOGIES FOR 5G AND IOT



Ms Dhivya Priya E L, Asst. Professor, Dept. of ECE, attended an FDP on **"Advanced Antenna and RF Technologies for 5g and IoT"** organised by Hindustan Institute of Technology and Science, Chennai on 17 August 2020.

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### ECE | STTP ON MACHINE LEARNING & INTERNET OF THINGS (IoT) FOR INDUSTRIAL APPLICATIONS



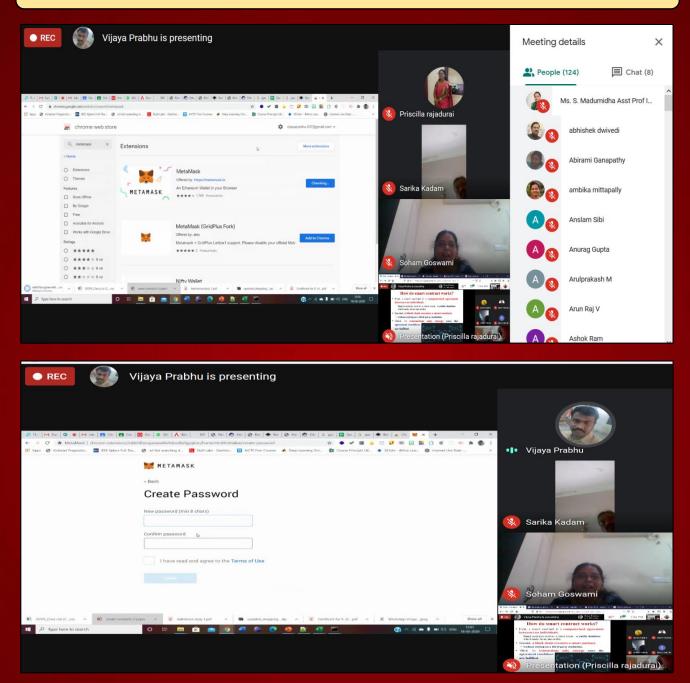
Dr K Sumathi, Professor, Dept. of ECE. attended the AICTE sponsored online STTP on "Machine Learning & Internet of Things (IoT) for Industrial Applications" organised by Dr N G Institute of Technology, Ρ Coimbatore during 27 July-01 August 2020.

### ECE | STTP ON INDUSTRIAL IOT AND INDUSTRY 4.0 -SMART INDUSTRY AUTOMATION

Dr K Sumathi, Professor, Dept. of ECE, attended a five-day online STTP on **"Industrial IoT and Industry 4.0 – Smart Industry Automation"** organised by Kongu Engineering College, Erode during 11-15 August 2020.



### **IT | FDP ON BLOCKCHAIN**



Ms S Madumidha, Asst. Professor, Dept. of IT, attended the AICTE Training and Learning ATAL Academy Sponsored Faculty Development Programme on **"Blockchain"** organised by Mepco Schlenk Engineering College, Sivakasi on 18 August 2020.

### ECE | FDP ON ADVANCED ANTENNA AND RF TECHNOLOGIES FOR 5G AND IoT



Ms Dhivya Priya E L, Asst. Professor, Dept. of ECE, attended an FDP on **"Advanced Antenna and RF Technologies for 5g and IoT"** organised by Hindustan Institute of Technology and Science, Chennai on 18 August 2020.

### **CIVIL | FDP ON SMART AND SUSTAINABLE MATERIALS IN CONSTRUCTION ATTENDED**

Dr V Sreevi	dya, As	soc. Pro	fessor,
Dept. of	Civil	Engine	eering,
attended a	i five-	day FD	P on
"Smart	and	Sustai	nable
Materials	in	Constru	ction"
organised b	oy Sri	Venkate	swara
Institute	of S	Science	and
Technology,	Kadapa	a during	04-08
August 2020	).		



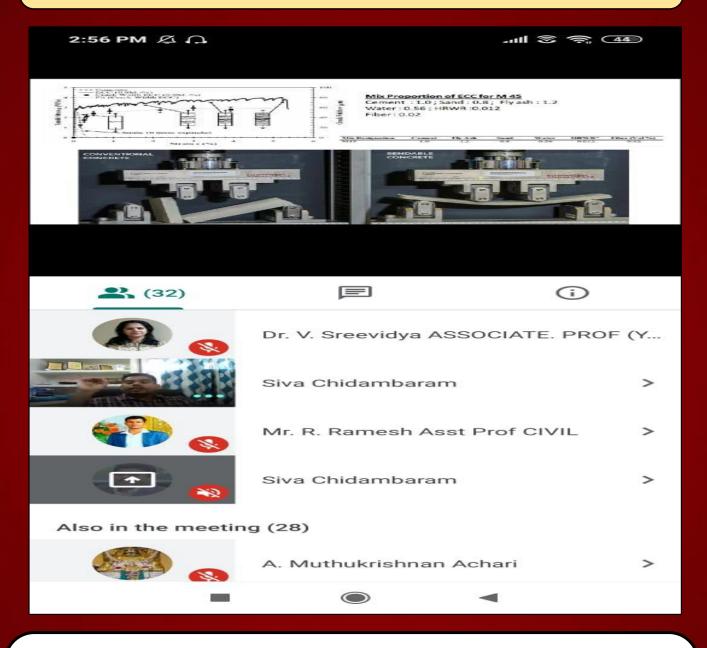
SRI VENKATESWARA INSTITUTE OF SCIENCE AND TECHNOLOGY, KADAPA (Approved by A.I.C.T.E, New Delhi & Affiliated to JNTUA) Pulivendula Road, Thadigotla (V), C. K. Dinne (M), Kadapa-516003, A. P. Department of Civil Engineering CERTIFICATE OF PARTICIPATION

This is to certify that Mrs. Dr.V.SREEVIDYA, Faculty from SRI KRISHNA COLLEGE OF TECHNOLOGY has participated in A Five Day Faculty Development Programme on "Smart and Sustainable Materials in Construction" organized by Department of Civil Engineering, Sri Venkateswara Institute of Science & Technology, Kadapa, held from 4<sup>th</sup> - 08<sup>th</sup> August, 2020.



#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

### CIVIL | STTP ON STRUCTURAL LIFE ASSESSMENT AND FAILURE DIAGNOSIS



Dr V Sreevidya, Assoc. Professor, and Mr R Ramesh, Asst. Professor, Dept. of Civil Engineering, attended the AICTE Sponsored Online STTP on "**Structural Life Assessment and Failure Diagnosis**" organised by Mepco Schlenk Engineering College, Sivakasi during 17-21 August 2020.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

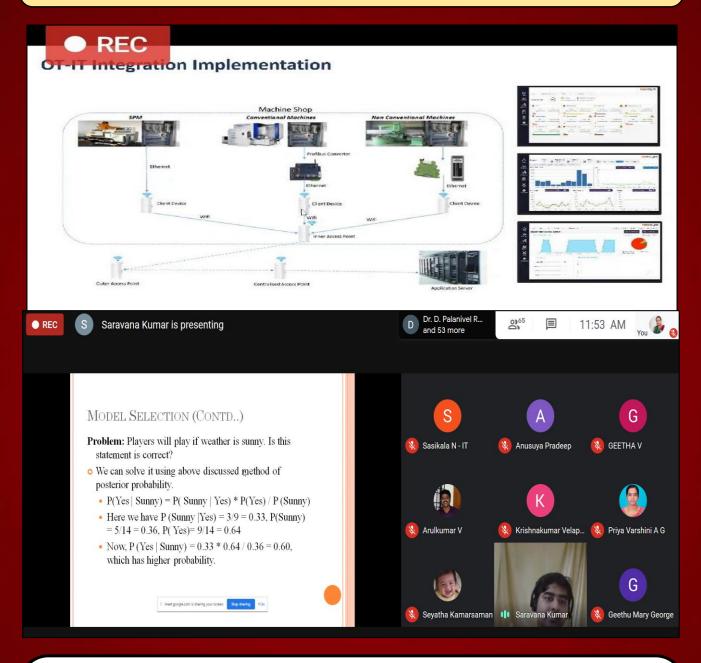
### EEE | FACULTY PARTICIPATION | STTP ON MACHINE LEARNING & IoT FOR INDUSTRIAL APPLICATIONS

Approved by A Recognized by UGC DEPARTMENT OF ELE CERTIFIC	INSTITUTE OF TECHNOLOGY ICTE, New Delhi & Affiliated to Anna University, Chennai & Accredited by NAAC and NBA [BME,CSE,ECE,EEE & MECH] CTRICAL AND ELECTRONICS ENGINEERING CATE OF PARTICIPATION This is to certify that Ms.A.Elakya shna College of Technology	
Dr.N.G.P. INSTITUTE Approved by AICTE, New Delhi & Affili Recognized by UGC & Accredited by NAAC	iated to Anna University, Chennai and NBA [BME,CSE,ECE,EEE & MECH]	
DEPARTMENT OF ELECTRICAL AND	ELECTRONICS ENGINEERING	
CERTIFICATE OF P This is to certify Mr.P.Leninpugalha	that	
Sri Krishna College of Te		
has participated		
AICTE sponsored online Short Term Traini		
"Machine Learning & Internet of Things (Io	I) For Industrial Applications"	
27th JULY – 1st AUGU		
Organized by		
Department of Electrical and Electrical		
Dr.N.G.P.Institute of Technolo	ogy, Coimbatore.	
Juens	A A	
Dr.S.Jaganathan Coordinator & Head – EEE Dept	Dr.K.Porkumaran	
Coordinator & Head – EEE Dept	Principal	
Dr.N.G.P.IT/EEE/STTP/1/032		

Mr P Leninpugalhanthi and Ms A Elakya, Asst. Professors, Dept. of EEE, participated in the AICTE Sponsored Online STTP on **"Machine Learning & Internet of Things for Industrial Applications"** organised by the Department of EEE, Dr N G P Institute of Technology, Coimbatore during 27 July - 01 August 2020.

#### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

### IT | FDP ON BLOCKCHAIN AND AI ENABLED EDGE COMPUTING



Ms M Malathi and Ms Alaguvathana, Asst. Professors, Dept. of IT, attended a Three-day Faculty Development Programme on **"Blockchain and AI Enabled Edge Computing"** organised by PSG College of Technology, Coimbatore on 20 August 2020.

### EEE | FACULTY PARTICIPATION| STTP ON INDUSTRIAL IOT & INDUSTRY 4.0 - SMART INDUSTRY AUTOMATION



Dept. of Electronics and Instrumentation Engineering, Kongu Engineering College, Erode during 11-15 August 2020.



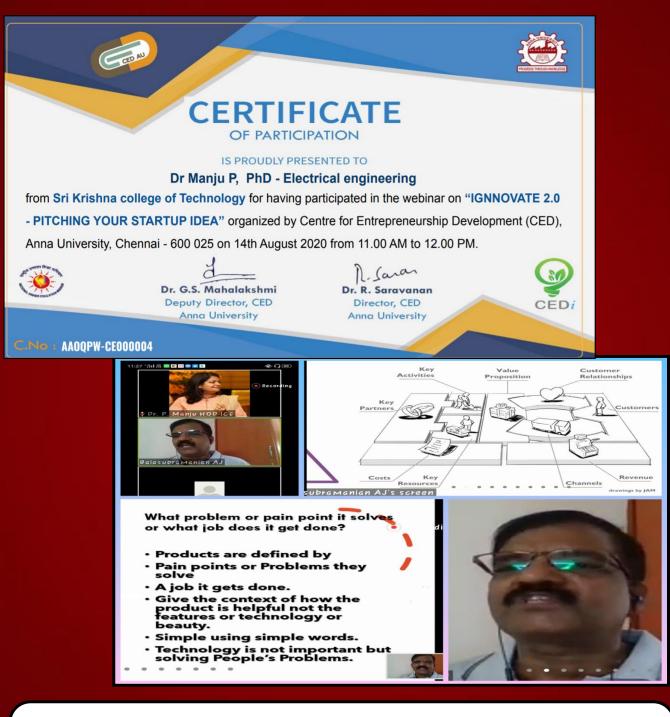
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# **ICE | WORKSHOP ON PITCHING YOUR IDEA**



Dr Manju P, Professor and Head, Dept. of ICE, attended a session on **"Pitching your Idea"** organised by Centre for Entrepreneurship Development, Anna University, Chennai.



# **ECE | WORKSHOP ON ANTENNA DESIGN**



Dr K Sumathi, Professor, Dept. of ECE, participated in a Three-day International Virtual Workshop on "**Antenna Design**" organised by St. Joseph's Institute of Technology, Chennai during 13-15 August 2020.

## ICE | VIRTUAL WORKSHOP ON UNDERWATER TECHNOLOGY



Dr M Karthigai Pandian, Assoc. Professor, Dept. of ICE, attended a one-day virtual workshop on **"Underwater** 

**Technology**" organised by SSN College of Engineering, Chennai on 18 August 2020.

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### Sri Krishna College of Technology SPECIAL ISSUE - 13 | 17 - 21 AUG 2020

## S&H | PAPER PRESENTED IN INTERNATIONAL CONFERENCE ICCIASH - 2020



A NON MINORITY COLLEGE, APPILIATED TO JNTUH, APPROVED BY AIGTE, ACCREDITED BY NBA & NAAC A+, ISO 9001:2008 CERTIFIED, SIRO RECOGNITION BY MINISTRY OF SCIENCE & TECHNOLOGY, COVT.OF INDIA, DHULAPALLY, NEAR KOMPALLY, SECUNDERABAD - 500 100, TELANGANA STATE, INDIA, WWW.SMEC.AC.IN



## **CERTIFICATE OF APPRECIATION**

Paper ID: 360

IGC AUTONOMOUS



This is to certify that Dr.V.Parimala, Sri Krishna College of Technology, Tamilnadu has participated and presented paper on Numerical Solutions of Type 2 Fuzzy Differential Equations by Modified Euler Method in the First Online International Conference on "Continuity, Consistency and Innovation in Applied Sciences and Humanities" (ICCLASH-2020) organized by Department of Science and Humanities,

St. Martin's Engineering College, Dhulapally, Secunderabad, T.S, India on 13<sup>th</sup> & 14<sup>th</sup> August 2020.

Dr. Ranadheer Reddy Donthi Convener & HOD (S & H)

trund

Dr. P. Santosh Kumar Patra Patron, Program Chair & Principa

Dr V Parimala, Asst. Professor, Dept. of Science and Humanities, presented a paper titled **"Numerical Solution of Type 2 Fuzzy Differential Equations by Modified Euler Method"** in an Online International Conference on Continuity, Consistency and Innovation in Applied Sciences and Humanities (ICCIASH–2020) on 14 August 2020.

## EEE | FACULTY PAPER PUBLICATION IN SCOPUS INDEXED JOURNAL

Senthil et al. 2020. Int. J. Vehicle Structures & Systems, 12(2), 235-240 ISSN: 0975-3060 (Print), 0975-3540 (Online) doi: 10.4273/ñjvs.12.2.25 © 2020. MechAero Foundation for Technical Research & Education Excellence

International Journal of Vehicle Structures & Systems Available online at www.maftree.org/eja

Performance Analysis of BLDC Motor Drive using Enhanced Neural Based Speed Controller for Electric Vehicle Applications

R. Senthil Kumar $^{a,c},$  I. Gerald Christopher Raj $^{b}$  and V. Rajasekaran $^{b}$ 

<sup>a</sup>Dept. of Electrical and Electronics Engg.., SrI Krishna College of Technology, Coimbatore, India <sup>b</sup>Dept. of Electrical and Electronics Engg.., PSNA College of Engineering and Technology, Dindigul, India <sup>c</sup>Corresponding Author, Email: senthilme90@gmail.com

#### ABSTRACT:

This paper deals with Brushless DC (BLDC) motor drive mathematical model with hysteresis current controlled based Voltage Source Inverter (VSI) which operates using Neural Network (NN). The developed simulation model is applied with the artificial neuro speed controller which is based on Least Mean Square (LMS) and Adaptive Linear Neuron (ADALINE) to improve the performance of BLDC motor drive. Under dynamic operating conditions, the NN speed controller is trained by the data obtained from closed loop speed controller of BLDC motor drive system. The proposed neural based speed controller is important for tracking of motor speed as well as torque with their reference values with minimum transient time. In this paper ADALINE network model is developed for update of weights in NN. Here, a comparative study has been done for PI and NN controller for BLDC drive. The simulation results show that the NN based speed controller is more effective controller compared to classical PI based speed controller during most of the dynamic operating conditions.

#### KEYWORDS:

Artificial neural network; BLDC motor drive; Hysteresis current control PI controllers

#### CITATION:

R.S. Kumar, I.G.C. Raj and V. Rajasekaran. 2020. Performance Analysis of BLDC Motor Drive using Enhanced Neural Based Speed Controller for Electric Vehicle Applications, Int. J. Vehicle Structures & Systems, 12(2), 235-240. doi:10.4273/jirss.12.2.5.

#### 1. Introduction

Recently, the Brushless DC (BLDC) motor has evolved as a replacement for standard brush type DC machine in many Electrical Vehicle (EV), Hybrid Electrical Vehicle (HEV) applications and water pumping applications because of its high efficiency, low maintenance and good controllability [1-3]. Moreover, BLDC motors are a special type of synchronous motors so that magnetic field is generated by both stator as well as rotor having same frequency level. BLDC motors are not affected by "shp" which is normally happened in induction motors. So BLDC is better powerful traction system for electrical vehicles compared to induction motors. To improve the control performance of BLDC motors, necently intelligent based controllers are mainly focused for better speed and torque tracking capability as well as minimize the torque ripples [4]. It has already known that classical PI controller has the most wider controller which is used in many industry applications due to its simple control structure, easy to design and lower cost. However it suffers from slower response, larger oscillation and largerpeak overshoot.

BLDC motor has nonlinear model, so classical PI controller is not a suitable choice because PI controller produces poor response when applied to system containing nonlinear variables [5]. Several intelligent controllers, outpinization techniques and some adaptive algorithms have been theoretically developed and proposed. But only few intelligent controllers have been practically needed on the control of electric drives due to their complexity and poor performance. NN controller is one of the powerful tools for controlling nonlinearity system. Here online based neuro controller was developed for auto weight updating process. This kind of controllers have several merits compared fuzzy logic and other optimization techniques. This neuro based speed controllers was specially designed for controlling nonlinear problem and these controllers have better torque and speed tracking capability. Adaptive Linear Neuron (ADALINE) simulation model is a supervised learning technique presented by using various mathematical blocks based on Least Mean Square (LMS) algorithm.

In, this paper, basics of BLDC motor drive, its speed control and ADALINE based speed control stategies are discussed. Dynamic reference speed and torque is generated for this drive. PI controller and ANN results are presented in time domain. Intelligent based controllers are needed to get optimized for better torque and speed tracking capability [6]. These hysteresis current controller techniques generate pulses for three phase inverter. These neuro based BLDC drive model has better efficiency with lower order harmonic and these model is especially designed for EV applications. The entire system is simulated in MATLAP/SIMULINK

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Mr R Senthil Kumar, Asst. Professor, Dept. of EEE, published a paper titled **"Performance Analysis of BLDC Motor Drive using Enhanced Neural Based Speed Controller for Electric Vehicle Applications"** in an International Journal of Vehicle Structures and Systems (Scopus Indexed).

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# MECH | PATENT PUBLISHED ON HEAT DISPENSING AND SELF-SUSTAINING MOBILE PHONE CASE THROUGH FORCED CONVECTION



(http://ipindia.nic.in/index.htm)



Patent Search			
Invention Title	HEAT DISPENSING AND SELF-SUSTAINING MOBILE PHONE CASE THROUGH FORCED CONVECTION		
Publication Number 31/2020			
Publication Date	31/07/2020		
Publication Type	INA		
Application Number	202041029853		
Application Filing Date	14/07/2020		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	COMMUNICATION		
Classification (IPC)	H04M 1/02		
Inventor			
Name	Address	Country	Nationality
DHARSAN K	170, GURUSWAMY NAGAR, THANEER PANDHAL, PEELAMEDU, COIMBATORE (DT)-641004, TAMILNADU, INDIA.	India	India
DR. S. SUNDARARAJ	PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR, COIMBATORE-641042	India	India
R.RATHISH	ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR, COIMBATORE-641042	India	India
ABISHEK M	195,SASTRI ROAD, RAMNAGAR, COIMBATORE-641009, TAMILNADU, INDIA.	India	India
M.J.VINESH MADHU	2/2 SRIVARI; S.R.AVENUE; CHERANMANAGAR; COIMBATORE-641035, TAMILNADU, INDIA.	India	India
SRI HARISH K R	113, SUBHASHREEBAHAVN, RAJUNAIDU ROAD, SIVANANDHA COLONY, COIMBATORE -641012, TAMILNADU, INDIA.	India	India
SOWNDHARYAN.K	2/486 Q THIRUVALLUVARNAGAR, TEACHERS COLONY, CHINNIAMPALAYAM, COIMBATORE -641062, TAMILNADU, INDIA.	India	India
GOKUL PRABHAKARAN M	6, ARIVOLI STREET, SAMUNDIPURAM MAIN ROAD , GANDHI NAGAR (POST), TIRUPUR-641603, TAMILNADU, INDIA.	India	India
PR.SIVARAMAN	45F, GOKULAM COLONY, 6TH STREET, JAWAHAR MALIGAI UPSTAIRS, KOVAIPUDUR, COIMBATORE-641 042, TAMILNADU, INDIA.	India	India
ADWAITH PRAMOD	FLAT NO. 1402, TOWER-1 TVH VISTA HEIGHTS, RAJALAKSHMI MILLS, SINGANALLUR(P.O), TRICHY ROAD, COIMBATORE-641005, TAMILNADU, INDIA.	India	India
S. ARAVIND KRISHNA	NEW NO. 23, SECOND STREET, PM SAMY COLONY, RS PURAM, • COIMBATORE-641002, TAMILNADU, INDIA.	India	India
ASHLEY JOSEPH THACHOTH	"JOSNE", 35 WEST CLUB ROAD,' RACECOURSE, COIMBATORE-641018, TAMILNADU, INDIA.	India	India

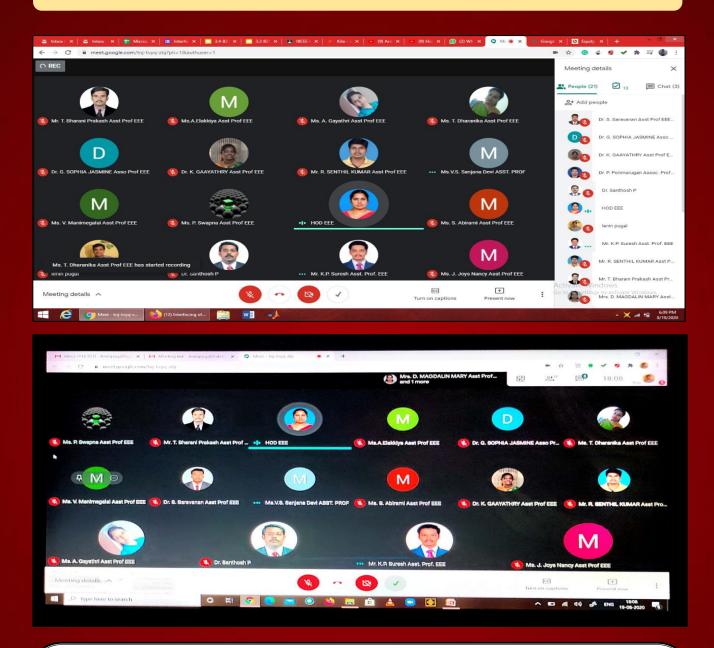
Dr S Sundararaj, Professor, Mr R Rathish, Asst. Professor and Students of Final B.E. Mechanical Engineering, published a patent titled **"Heat Dispensing And Self-sustaining Mobile Phone Case Through Forced Convection"** on 31 July 2020.



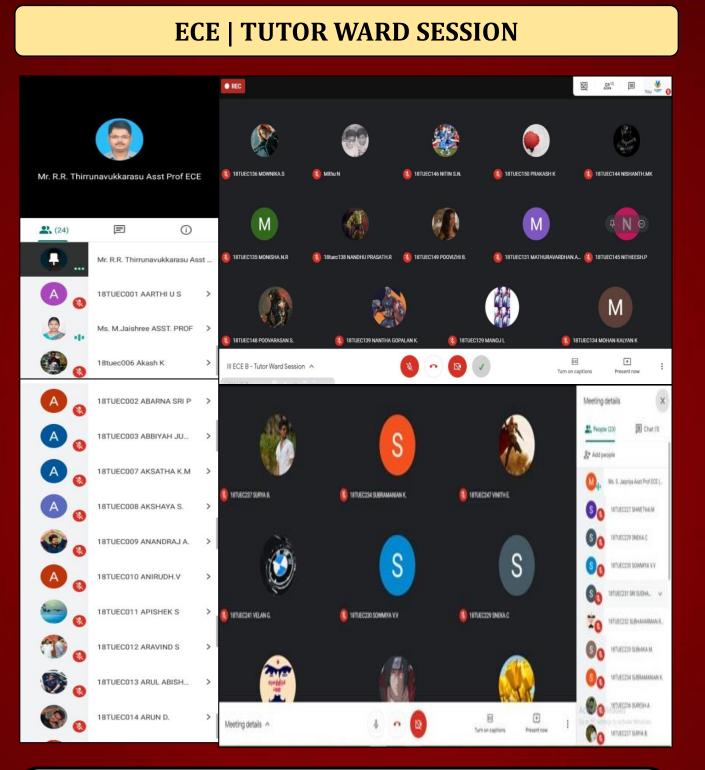


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## **EEE | DEPARTMENT MEETING**

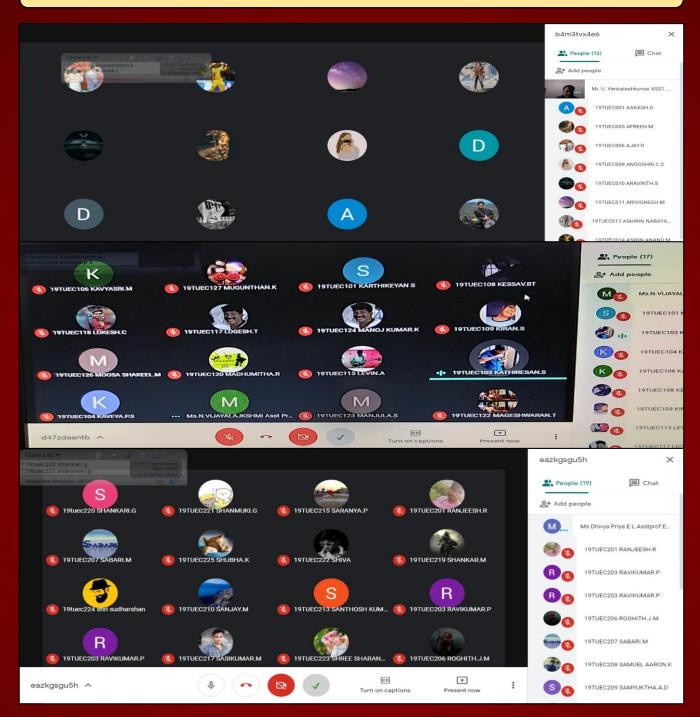


Dr K Lakshmi, Professor & Head (In-charge), Dept. of EEE, conducted a meeting with the Members of Faculty regarding the Progress of Online Classes, Research, R2020 Curriculum, Roadmap of the Dept. of EEE for AY: 2020-21, Placement and Academic Activities on 19 August 2020.



Tutors of Third B.E. ECE conducted the Tutor Ward Meeting with their respective wards regarding the Progress of Online Classes, Students' Participation in Project and Placement Activities on 14 August 2020.

## **ECE | TUTOR WARD SESSION**



Tutors of Second B.E. ECE conducted the Tutor Ward Meeting with their respective wards regarding the Progress of Online Classes, Students' Participation in Project, Academic and Placement Activities on 17 August 2020.



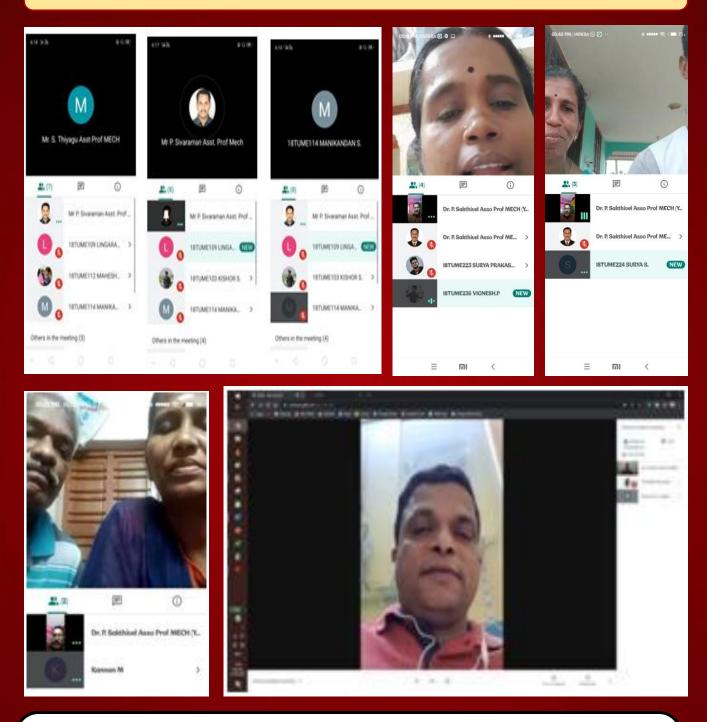
## **MECH | PRINCIPAL INTERACTION WITH FACULTY**



Dr Srinivasan Alavandar, Principal, interacted with the Members of Faculty from the Dept. of Mechanical Engineering on 17 August 2020.

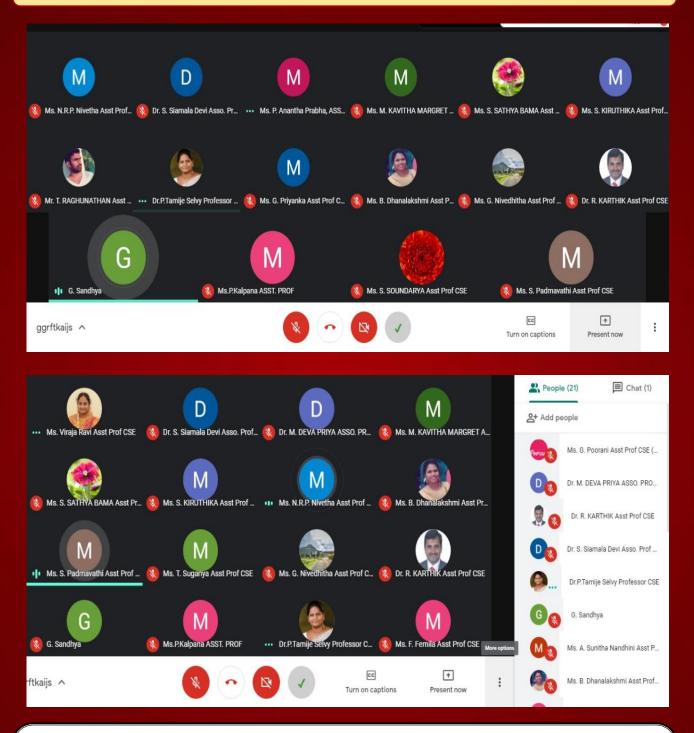
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## **MECH | ACADEMIC REVIEW MEETING**



The Members of Faculty from the Dept. of Mechanical Engineering conducted the Academic Review Meeting with their respective wards on 15 August 2020.

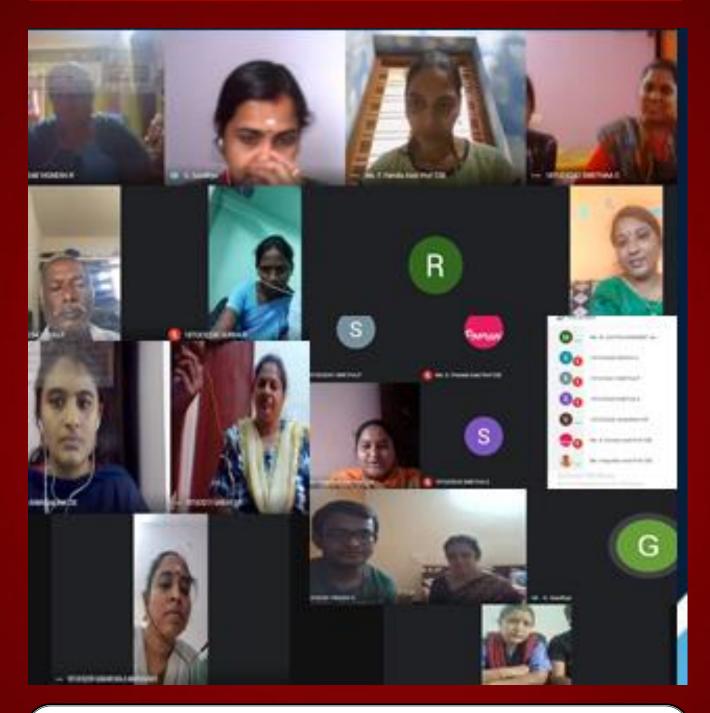
## **CSE | DEPARTMENT MEETING**



Dr P Tamije Selvy, Professor, Dept. of CSE, conducted a meeting with the Members of Faculty regarding the Academic and Placement Activities on 16 August 2020.



## **CSE | ARM MEETING**



The Members of Faculty from the Dept. of CSE conducted the Academic Review Meeting with their respective wards regarding the Performance of Students in Continuous Internal Assessment, Academic and Placement Activities during 15-16 August 2020.

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# **ECE | STUDENT'S EXTRA CURRICULAR ACTIVITIES**



Ms V Naumitha Prebha of Final B.E. ECE B Section



## **MECH | INDEPENDENCE DAY VIRTUAL CYCLOTHON**







Mr K Ramkumar, Student of Third B.E. Mechanical Engineering, participated in a **"Virtual Cyclothon"** and completed 74 KM Ride on 15 August 2020.

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# **ECE | STUDENT'S EXTRA CURRICULAR ACTIVITIES**

