



Srishyla Educational Trust (R)

**GM INSTITUTE OF TECHNOLOGY**

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Member of  
**NASSCOM**

# 2<sup>nd</sup> International Conference on Emerging Trends in Science, Engineering and Technology

## ICETSEM 2021 – Virtual

15<sup>th</sup> & 16<sup>th</sup> July 2021



Jointly organized by

Department of Electronics and Communication Engineering,

GM Institute of Technology, Karnataka, India

& Institute For Engineering and Research Publications, IFERP

ICETSEM 2021- Virtual, by GMIT & IFERP



# 2nd International Conference on Emerging Trends in Science, Engineering and Management (ICETSEM-2021) July 15<sup>th</sup> & 16<sup>th</sup>



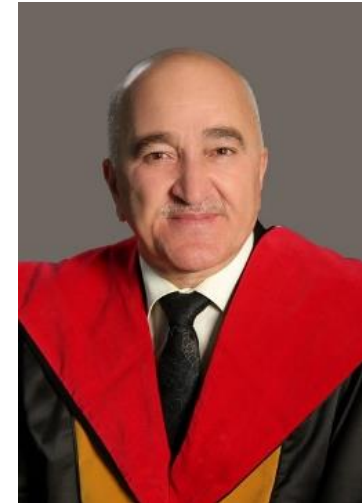
## KEYNOTE SPEAKER'S

**Dr. Rami Hikmat Al Hadeethi**

**Visiting Professor**

**Global Education Career Centre (GECC)**

**London, United Kingdom**



**Professor Talal Yusaf**

**Chief business development officer - CBDO**

**Aviation Australia**

**Brisbane QLD**





## 2nd International Conference on Emerging Trends in Science, Engineering and Management (ICETSEM-2021) July 15<sup>th</sup> & 16<sup>th</sup>



<b>Conference Schedule - Day 1 ( 15.07.2021)</b>	
<b>9:30 AM (IST)</b>	<b>Inaugural Session</b>
<b>10:46 AM – 11.15 AM (IST)</b>	<b>Keynote Speech (Speaker 1)</b>
<b>011: 46 AM -01:15 PM (IST)</b>	<b>Technical Session 1</b>
<b>1.16 PM – 2.00 PM (IST)</b>	<b>Lunch Break</b>
<b>02: 00 PM -03:30 PM (IST)</b>	<b>Technical Session 2</b>
<b>03: 46 PM -05:15 PM (IST)</b>	<b>Technical Session 3</b>
<b>Conference Schedule - Day 2 ( 16. 07.2021)</b>	
<b>9:30 AM (IST)</b>	<b>Keynote Speech (Speaker 2)</b>
<b>10:01 AM-11:30 AM (IST)</b>	<b>Technical Session 4</b>
<b>11: 46 AM - 1:15 PM (IST)</b>	<b>Technical Session 5</b>
<b>03: 30-04:30 PM (IST)</b>	<b>Valedictory Session</b>



## 2nd International Conference on Emerging Trends in Science, Engineering and Management (ICETSEM-2021) July 15<sup>th</sup> & 16<sup>th</sup>



Inauguration session Joining Link(Google Meet) : <https://meet.google.com/sqo-rgxv-cdr>

You tube live streaming links :

Inauguration : <https://youtu.be/CTTiAlb8OP4> Valedictory : [https://youtu.be/JzHK1Zt\\_uxo](https://youtu.be/JzHK1Zt_uxo)

Department	Tracks	Session Chair	Links
CSE/CS/MCA/Commerce	1	Dr.Karthik Kovuri , Dr. Shivanna K, Dr. Mouneshachari S, Dr. Sanjay Pande M B	<a href="https://meet.google.com/gdw-pceo-pht">https://meet.google.com/gdw-pceo-pht</a>
ISE/IST/IT	2	Dr.Reshma, Dr. Neelambike S, Dr. Sunil Kumar B S, Dr T Sheela	<a href="https://meet.google.com/ffv-kjum-jcu">https://meet.google.com/ffv-kjum-jcu</a>
EEE/ECE/EWE/EIE	3	Dr.S.Sankara Gomathi, Dr. H C Hadimani, Dr. Santosh Herur, Dr. Praveen J, Dr. Rajashekhar Somasagar	<a href="https://meet.google.com/rwp-nsmg-tnf">https://meet.google.com/rwp-nsmg-tnf</a>
	4	Dr. M. Mahaboob Basha, Dr. Santosh Herur, Prof. Rajashekhar Kunabeva, Dr. Murugendrappa N	<a href="https://meet.google.com/wbx-pgcz-ktc">https://meet.google.com/wbx-pgcz-ktc</a>
Mechanical	5	Dr. Ramachandra G C. G, Dr. Srinivasa C V, Dr. Mudasar Pasha B A, Dr. Rajakumar D G, Dr.A.S.Dube	<a href="https://meet.google.com/vsq-qsad-gnm">https://meet.google.com/vsq-qsad-gnm</a>
Civil /Arch	6	Dr. G. Babu Rao, Dr.GovardhanaSwamy H S, Dr. Mohammed Yaseen	<a href="https://meet.google.com/nra-dgit-kzi">https://meet.google.com/nra-dgit-kzi</a>
BioMedical /BioTech	7	Dr. Mythily S, Dr. Gurumurthy H, Dr. Pavan KJ	<a href="https://meet.google.com/nvm-oykq-ewo">https://meet.google.com/nvm-oykq-ewo</a>
Management	8	Dr.M.Sasirekha, Dr. Ravi Kumar. C.	<a href="https://meet.google.com/dno-jxgk-hnm">https://meet.google.com/dno-jxgk-hnm</a>
Basic Science	9	Dr.PA.Latha, Dr. Virupaxappa S Betageri (Chemistry) Dr. Onkarappa K S (Mathematics)	<a href="https://meet.google.com/vua-jbzc-nzq">https://meet.google.com/vua-jbzc-nzq</a>



**2nd International Conference on Emerging Trends  
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# TECHNICAL SESSIONS



# 2nd International Conference on Emerging Trends in Science, Engineering and Management (ICETSEM-2021) July 15<sup>th</sup> & 16<sup>th</sup>



## COMPUTER SCIENCE ENGINEERING

Department of CSE Track-1 (15/7/21)					
Session-1	Timings: 11.45AM to 1.15PM		Venue : Windows Lab	Session link	<a href="https://meet.google.com/gdw-pceo-pht">https://meet.google.com/gdw-pceo-pht</a>
Session Chair	External	Dr. Karthik Kovuri		Session Incharge	Dr. Shivanna K Ph No. 9686194749
	Internal	Dr. Sanjay Pande M B		Session Coordinator	Mrs. Sandhya R Savanur
Sl. No.	Time slot	Paper ID	Paper title	Author	Co-Authors
1	11.45AM to 1.15PM	ICETSEM_1505217403	A Secured Text Message Mapping Technique for Encoding Decoding on Elliptic Curve Cryptography	Ms. Deepika Bhatia	Dr. Meenu Dave
2		ICETSEM_1306390427	Advanced Deep Learning Technique for Gender Data Classification	Sangita Choudhary	Manisha Agarwal
3		ICETSEM_1606574209	Ensure Privacy Preservation Access Control in Cloud Computing using Derived Key Identity Based Encryption	Suresha D	Dr. K Karibasappa
5		ICETSEM_1806483516	Performance of Video Quality Metrics Assessment in AVC and HEVC coded videos	Aruna Kumar B T	Dr. Manja Naik N
6		ICETSEM_1906957264	SSIM METRIC FOR VIDEO QUALITY ASSESSMENT WITH SILENCY BASED FEATURES	Aruna Kumar B T	Rohan K H, Apurva P Patil, Keerti H P, Sushma M
7		ICETSEM_1706319580	GNN Based Approach for Fake News Detection in E-Media	Dr SHOIEB AHAMED	SATHYANARAYANA K B
8		ICETSEM_2006810562	Image Based Diagnosis of COVID-19	Mr. Rudresh N C	Apoorva M R, Kavana D K, Vinayak H K, Ranjitha K R
9		ICETSEM_2406175928	MEDI-GRANTHA: A Pharma App to provide information of the medicines used	Mr. JANARDHAN C N	Mr. Chethan A



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### Department of CSE Track-1 (15/7/21)

<b>Session-2</b>	<b>Timings: 2.00 PM to 3.30PM</b>	<b>Venue : Windows Lab</b>	<b>Session link</b>	<b><a href="https://meet.google.com/gdw-pceo-pht">https://meet.google.com/gdw-pceo-pht</a></b>
<b>Session Chair</b>	<b>External</b>	<b>Dr. Karthik Kovuri</b>		<b>Session Incharge</b>
	<b>Internal</b>	<b>Dr. Shivanna K</b>		<b>Session Coordinator</b>
				<b>Mr. Rudresh N C Ph No. 9035381166</b>
				<b>Mrs. Sushma S G</b>

Sl. No.	Time slot	Paper ID	Paper title	Author	Co-Authors
1	<b>2:00 PM to 3:30 PM</b>	ICETSEM_1906439156	Overview of Customer Churn Analysis in Telecom Industry	Radhika Patil	Dr. Roopa G M
2		ICETSEM_2106356249	CAMPUS CONNECT – A DIGITAL NOTICE BOARD	Mr Maruthi S T	Akash M, Manjanagouda M P, Pooja Walishettar, Sumaiya Fatima
3		ICETSEM_2206576130	IOT based Bots for Vertical Agriculture	Dr. Mouneshachari S	Anusha E M, T Shruthi, Uma S G, Bhavya S
4		ICETSEM_2106491567	AN APPROACH TO ENHANCE IMAGE SECURITY USING MODIFIED RSA AND DCT TRANSFORMATIONS	Ganavi M	Prabhudeva S
5		ICETSEM_2506306497	Survey on Growth Prediction of Plants using Image Processing and Machine Learning	Santoshkumar Mahendrakar	Dr Sunilkumar B S
6		ICETSEM_2106934028	Image Caption Generator using CNN-LSTM	Tapasya Chaudhary 1 *	Shruti Verma 2 , Priyanshi 3 , Vikas Kumar Singh 4 and Gaurav Agarwal
7		ICETSEM_1606397248	Survey Advancement in Agriculture Field to Monitor Nutrients Level in Arecanut	Niranjan Murthy C	Samatha A, Prerana L S. Nikshitha S. Prakruthi Pande
8		ICETSEM_2206168209	Vehicle toll payment system using nfc	Sushma S G	Sneha P, Akshata C K, Madhuri B
9		ICETSEM_0806492191	Ocean of Motion Graphics	Harshitha G M	Savitha A Shenoy, Aishwarya Kedlaya K, Anjana, Aysha Sana



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### Department of CSE Track-1(15/7/21)

<b>Session-3</b>	<b>Timings: 3:45 PM - 5:15 PM</b>	<b>Venue : Windows Lab</b>	<b>Session link</b>	<b><a href="https://meet.google.com/gdw-pceo-pht">https://meet.google.com/gdw-pceo-pht</a></b>
<b>Session Chair</b>	<b>External</b>	<b>Dr. Karthik Kovuri</b>	<b>Session Incharge</b>	<b>Dr. Shivanna K Ph No. 9686194749</b>
	<b>Internal</b>	<b>Dr. Mouneshachari S</b>	<b>Session Coordinator</b>	<b>Mrs. Kavyashree P N</b>

Sl. No.	Time slot	Paper ID	Paper title	Author	Co-Authors
1	<b>3:45 PM To 5:15 PM</b>	ICETSEM_2206536921	Implementation of Eye Aspect Ratio and Mouth Aspect Ratio for Driver Drowsiness Detection	Princy Upadhyay	Lauren Jain , Satya Mishra , Shriya Goyal
2		ICETSEM_2306874063	Analysis of scientific research techniques on precision agriculture in farming	Shryavani K	Dr. Roopa G M
3		ICETSEM_1906135827	Smart Cap-Wearable Visual Guidance System for Blind	Shivanna K	Shrijan M H, Namrata G H, Pruthvik B S, S H Nagesh
4		ICETSEM_2506791485	A REVIEW ON INTEGRATION OF IOT WITH BLOCKCHAIN TECHNOLOGY RESISTANT TO SECURITY AND PRIVACY ISSUES	Shwetha G.S.	Dr.M.K.Banga
5		ICETSEM_2106231654	Face Mask Detection and Thermal Scanner for Covid cafe	Sandeepa G S	Karthik M Hadagali, Rithika Reddy V B, Pradeep Kumar B S, Priyanka M N
6		ICETSEM_2506064718	A Qualitative Study of DevOps Usage in Practice	SHWETHA G	VAISHNAVI AJAY INAMDAR
7		ICETSEM_2506643901	Integrated usage of DARQ-Distributed Ledger Technology, Artificial Intelligence, Extended Reality and Quantum Computing.	Vaishnavi Ajay Inamdar	Shwetha G
8		ICETSEM_2406096587	ROBOT BASED PATIENT DATA MONITORING SYSTEM	Kotreshi S N	Anusha M H, Revathi K R, Amulya C J, Rashmi M C
9		ICETSEM_3006607998	ANALYSIS OF SIDE CHANNEL ATTACKS (SCA) IN CLOUD ENVIRONMENT AND SECURE CLOUD BASED HEALTHCARE APPLICATIONS	C.lakshminathareddy	.Dr.C.Nelson Kennedy Babu





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Department of CSE Track-1 (16/7/21)					
<b>Session-4</b>	<b>Timings: 10:00 AM-11:30 AM</b>	<b>Venue : Windows Lab</b>		<b>Session link</b>	<b><a href="https://meet.google.com/gdw-pceo-pht">https://meet.google.com/gdw-pceo-pht</a></b>
<b>Session Chair</b>	<b>External</b>	<b>Dr B Latha</b>		<b>Session Incharge</b>	<b>Mr. Rudresh N C h No. 9035381166</b>
	<b>Internal</b>	<b>Dr. Mouneshachari S</b>		<b>Session Coordinator</b>	<b>Mr. Maruthi S T</b>
Sl. No.	Time slot	Paper ID	Paper title	Author	Co-Authors
1	<b>10:00 AM To 11:30 AM</b>	ICETSEM_2506315890	A comparison of Graphical authentication mechanisms impervious to shoulder surfing attacks	KALPANA B N	Dr. R. SARAVANAKUMAR
2		ICETSEM_2506864259	To develop IDS/IPS security methods using machine learning algorithms for IoT system	Suha Aimen	Suha
3		ICETSEM_2706310845	Exploiting Focused Time Delay Neural Network for mobility prediction in Ad-Hoc Networks	Subrata Debbarma	Dr. Rakesh Kumar
4		ICETSEM_2806569028	Donation Tracking System Using Blockchain Technology	Asha R Totagi	Dr. Manjunath Kotari
5		ICETSEM_1806871096	RFID Based Contactless Attendance Monitoring System	Dr.Shankaragowda B.B.	Karibasavaraj J
6		ICETSEM_1906386297	Face recognition-Based car ignition system	Mr. Anjan HR	Dr. Shankaragowda B.B. , Mr. karibasavaraj J
7		ICETSEM_3006159768	Predicting Student Performance Using Data Mining: A Survey	Yohan Fernandes	Bryce Menezes
8		ICETSEM_2106104576	Estimating Area of 2D ROI Image using Image Processing	Dr. Sanjay Pande M B	Bhoomika Bhat, Bhushan R Naik, Nirmala Ananth Hegde, Sharath M S
9		ICETSEM_0507235769	Measuring COVID-19 Opinion in the Online Debate Using an Unsupervised Model	Jeba Sonia J	Jina Varghese



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### Department of CSE Track-1(16/7/21)

<b>Session-5</b>	<b>Timings: 11.45AM to 1.15PM</b>	<b>Venue : Windows Lab</b>	<b>Session link</b>	<b><a href="https://meet.google.com/gdw-pceo-pht">https://meet.google.com/gdw-pceo-pht</a></b>
<b>Session Chair</b>	<b>External</b>	<b>Dr B Latha</b>	<b>Session Incharge</b>	<b>Dr. Shivanna K Ph No. 9686194749</b>
	<b>Internal</b>	<b>Dr. Sanjay Pande M B</b>	<b>Session Coordinator</b>	<b>Mr. Arun Kumar B T</b>

Sl. No.	Time slot	Paper ID	Paper title	Author	Co-Authors
1	<b>11:45 AM To 1:15 AM</b>	ICETSEM_2006253709	POTHOLE DETECTION	SANTOSHKUMAR M	Rekha H R,Sahana G N,Swapna M Sogi,Tejaswini B U
2		ICETSEM_2506243568	Hello GMIT – Search Engine Optimization to enable audio ecosystem for localization of ALEXA	Dr Mouneshachari S	Anandachari M M
3		ICETSEM_2506827419	A Literature Review on IOT Network Security from the perspective of Machine Learning	Bharati B Pannyagol	Sheetal B Patil,Rajeshwari Kisan
4		ICETSEM_2506742836	Predictive Analysis of Student Stress level using Machine Learning	Pola Shreya	Prakruthi Manjunath, Twinkle S, Vismaya Ashok, Dr. Shabana Sultana
5		ICETSEM_2506809524	A meticulous study on cyber crimes due to pandemic covid 19	RAJESHWARI KISAN	Pooja H ,Sheetal Patil ,Bharati Kale
6		ICETSEM_2506432071	A Review of Computer-Aided Expert Systems for Breast Cancer Diagnosis	Sheetal Patil	Pankaja Patil,Bharati Pannyagol, Rajeshwari kisan
7		ICETSEM_3006134879	CHAT BOT - An online conversation	Aditya Bhardwaj	Sanyam Sharma , Shubham Shami
8		ICETSEM_3006190326	Android Application for Health Care Management	Dr. Sanjay Pande M B	Pooja MR, Roopa KJ, Saleena AB, Usha KS
9		ICETSEM_0207928187	Study & Implementation of Single Nucleotide Polymorphism Identification Tools	Neelofar Sohi	Amardeep Singh



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### INFORMATION SCIENCE ENGINEERING/TECHNOLOGY

Department of Information Science and Engineering Track-2 (15/7/21)					
Session-1	Timings: 11.45 AM to 1.15PM	Venue : Project Lab (F225A)		Session link	<a href="https://meet.google.com/ffjy-kjum-jcu">https://meet.google.com/ffjy-kjum-jcu</a>
Session Chair	External	Dr.Reshma V.K		Session Incharge	Dr. Neelambike S (9620202339)
	Internal	Dr. Neelambike S		Session Coordinator	Mr. Firoz Khan( 8105093624)
Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
1	ICETSEM_1906367480	<b>11.45 AM to 1.15PM</b>	GO Online -A Business platform to fight against covid-19	Keerthiprasad G	Darshan VK, Rakshith M, Eshwar Reddy S, Priyanka CG
2	ICETSEM_1906467095		Social IoT Information Delivery by SWARM	Dr Neelambike S	Sai Bharath L U Vinanthi K R Harshitha G B Chethan Doddmani
3	ICETSEM_1906526718		Lung cancer detection and prediction	Imran Khan	Aishwarya BK,Hanumanth SG,Kavya madival, Priyanka B S
4	ICETSEM_1906295740		In certain diseases of crops through remote sensing Images	Amith Shekhar C	Sinchana S Sindhu K M Subiya H S Tanushree C N
5	ICETSEM_1906235014		Optical Character Recognition using Convolutional Neural Network	Asha K	Prajwal R Athrey
6	ICETSEM_2106291607		Face Mask Detection Using Semantic Segmentation	Firoz Khan	Harshitha S Ramya BV Manikya BV
7	ICETSEM_2506795182		Passwordless Authentication for Secured Login	Vinay HN, Anish K Jain, Sowmya GS, Simran K	Keerthi Prasad G
8	ICETSEM_2206201645		An Efficient Approach to Detect Mature Earnings Prediction Using Deep Learning	KRISHNAIAH BOYANA	Vasana Achyuth



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## Department of Information Science and Engineering Track-2 (15/7/21)

<b>Session-2</b>	Timings: 2.01PM to 4.05PM	Venue : Project Lab (F225A)	Session link	<a href="https://meet.google.com/ffy-kjum-jcu">https://meet.google.com/ffy-kjum-jcu</a>	
<b>Session Chair</b>	External	Dr.Reshma V.K	Session Incharge	Dr. Neelmbike S (9620202339)	
	Internal	Dr. Sunil Kumar B S	Session Coordinator	Mr.Amith Shekhar C (9743113654)	
Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
1	ICETSEM_2506687143	<b>2.00PM to 3.30PM</b>	A Comparative Study of Liver Tumor Segmentation Techniques in Computed Tomography Images Using Deep Learning Methods	Deepak D J	Dr. Sunil Kumar B S
2	ICETSEM_2506012874		Applications of Grey Wolf Optimization Technique in Power System State Estimation	Sakshi	Shiv Kumar Sikarwar
3	ICETSEM_3006230157		Facial Emotion Recognition using CNN algorithm	Firoz Khan	Raghavendra A Nemitha N G Vinay B K Harshitha G E
4	ICETSEM_0107258167		Aspect based sentiment analysis on Restaurant reviews	Nasreen Taj M B	Nisha B S, Rachana G M, Sahana Rani T R, Shanthala M M
5	ICETSEM_1906569201		KRUSHI e-VANIJYA	Dr.Neelambike S	Monika bendre , Sindhu.B.Pawar
6	ICETSEM_1906283954		The Face Recognition Based Car Ignition System using Haar Cascade Classifier	Asha K	Spoorthi A P
7	ICETSEM_1906378645		Machine Learning and Visual Behavior Based Driver Drowsiness Monitoring System	Naveen R Chanukotimath	Niharika V P
8	ICETSEM_1906748325		Mahila Aarogya Setu Mobile App: Machine Learning Approaches To Predict Early Stages of Ovarian and Cervical Cancer	Naveen R Chanukotimath	Mohtaseem Beig
9	ICETSEM_1906874063		Krishi Kisaan-A digital revolution platform for our farmers	Mrs.Nasreen Taj M B	Shwetha T M,Rakshitha R S,Kusuma K,Madhu B K
10	ICETSEM_2106942650		Delay-tolerant routing and message scheduling for CR-VANETS	Rashmi Hegde , Divya K M	Dr . Neelambike S



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### Department of Information Science and Engineering Track-2 (15/7/21)

<b>Session-3</b>		<b>Timings: 3.45PM to 5.15M</b>		<b>Venue : Project Lab (F225A)</b>		<b>Session link</b>		<a href="https://meet.google.com/ffy-kjum-jcu">https://meet.google.com/ffy-kjum-jcu</a>	
<b>Session Chair</b>		<b>External</b>	<b>Dr T Sheela</b>			<b>Session Incharge</b>		Dr. Neelmbike S (9620202339)	
		<b>Internal</b>	<b>Dr. Neelambike S</b>			<b>Session Coordinator</b>		Mr. Amith Shekhar C (9743113654)	
Sl. No.	Paper ID	Time slot	Paper title			Author	Co-Authors		
1	ICETSEM_1906835469	<b>3.45PM to 5.15PM</b>	IoT Based Anti- Poaching Alarm System For Trees In Forest			Harshitha KM	Asha K		
2	ICETSEM_3006354706		An Android Application For Student Informationon			Imran Khan	Aishwarya u r Deepa k l Deepthi G Sheetal D		
3	ICETSEM_0107940387		EEG Features – Compared And Contrasted			Imran Khan	Dr. Mouneshachari S		
4	ICETSEM_0507921586		Energy-Spectral Efficient Resource Allocation In 5g Heterogeneous Wireless System Network Using Multiobjective Meta-Heuristic Based Deep Bi-Tslstm Model			Tejasvi Kattimani T R			
5	ICETSEM_2106942650		Delay torent routing and message scheduling for CR-VANETs			Dr. Neelambike S	Rashmi Hegde Divya K M		



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### Department of ECE/EEE/TCE/E&I Track-3 (15/07/2021)

<b>Session-1</b>	Timings: 11.45AM to 1.15PM	Venue : DSP Lab (EC212)	Session link	<a href="https://meet.google.com/rwp-nsmg-tnf">https://meet.google.com/rwp-nsmg-tnf</a>
<b>Session Chair</b>	<b>External</b>	Dr.S.Sankara Gomathi		<b>Session Incharge</b>
	<b>Internal</b>	Dr. H C Hadimani		<b>Session Coordinator</b>
				<b>Dr. Rajashekar Somasagar Contact: 7019630600</b>
				<b>Prof. Vinutha B L</b>

Sl. No.	Time slot	Paper ID	Paper title	Author	Co-Authors
1	<b>11.45AM to 1.15PM</b>	ICETSEM_0406129876	Emotions Monitoring System	Rajmani Sharma	Piyush Dubey
2		ICETSEM_1706239860	Object Identification and it's audio output with description for blind and specially abled persons using python	Mr. Sharanabasaveshwara H B	Mr. Bilichodu Shivaputra H B, Mr. Darshan M P, Mr. Dronachar C L, Mr. Mansooraktar H S
3		ICETSEM_1706675029	AUTOMATIC NUMBER PLATE DETECTION	Dr. Latha B M	Abhishek G L, Atreya Upadhy K V, Manoj Kumar M, Manoj N Raikar
4		ICETSEM_1706081375	IoT Based Illegal Tree Cutting Prevention and monitoring System	Raviteja Balakai	Sahana P, Shwtha N G, Sunita Byali, Sindhu H V
5		ICETSEM_1706840762	Smart System for Monitoring Grain Stock	Mr. Raviteja Balekai	Harshitha C, Lavanya C J, Kadakollada Tejashwini, Priya K M P
6		ICETSEM_1706941357	MICROSTRIP PATCH ANTENNA DESIGN FOR 5G COMMUNICATION	Mr.RAJAPPA H S	Durga H, Arunarekha C M, Usha K,Sharada S
7		ICETSEM_1706925163	Speech controlled Automatic Wheelchair	Mr. Vikas C Yatnalli	Nichammanahalli Kaveri Manasa N , Chandana S M , Lakshmi B



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### ECE/EEE/EWE/EIE&TCE

#### Department of ECE/EEE/TCE/E&I Track-3 (15/07/2021)

Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
<b>Session-2</b>					
		<b>Timings: 2.00PM to 3.30PM</b>	<b>Venue : DSP Lab (EC212)</b>	<b>Session link</b>	<b><a href="https://meet.google.com/rwp-nsmg-tnf">https://meet.google.com/rwp-nsmg-tnf</a></b>
<b>Session Chair</b>		<b>External</b>	<b>Dr.S.Sankara Gomathi</b>	<b>Session Incharge</b>	<b>Dr. Rajashekar Somasagar Contact: 7019630600</b>
		<b>Internal</b>	<b>Dr. Santosh Herur</b>	<b>Session Coordinator</b>	<b>Prof. Harish G C</b>
1	<b>2.00PM to 3.30PM</b>	ICETSEM_1706981056	Alzheimer Disease Identification Using Machine Learning	Murugedrappa N	Srinivas S Byadagi,Samanwitha R, Rithik R, Spoorthy Shekappa Hadimani
2		ICETSEM_1706716893	Compressive Transmission of EEG Signal	Rajashekar Kunabeva	Vinayak L H, Veeresh S, Maruthi K, Priyanka V C
3		ICETSEM_1706920174	E-SMART WATCH FOR EARLY DETECTION OF COVID-19	Murugendrappa N	Sushma G R,Vidyashree N T, Nikhil S M ,Shrinath S Devdas
4		ICETSEM_1706201864	Implementation of Fingerprint Sensor Based Vehicle Engine Ignition System	Mrs.Asha T	Serina, Merina, Syedha Zubeda, Zaiba Muskan
5		ICETSEM_1706285369	Library Database Management System	Akshata Chavan	Rakshitha M J, Nikhila M, Sowmya Durga R, Priyanka B G
6		ICETSEM_1806235916	Automated System for Climbing and Spraying Pesticides on Areca nut Tree	Srikrishna Shastri C	Megha B, G Venkatesh, Avril Pinto, Prerana Sen
7		ICETSEM_0807427870	Propagation Characteristics of the Electric field From an Impulse Radiating Antenna	Sunitha K	



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### Department of ECE/EEE/TCE/E&I Track-3 (15/07/2021)

<b>Session-3</b>	<b>Timings: 3.45PM to 5.15PM</b>	<b>Venue : DSP Lab (EC212)</b>	<b>Session link</b>	<a href="https://meet.google.com/rwp-nsmg-tnf">https://meet.google.com/rwp-nsmg-tnf</a>
<b>Session Chair</b>	<b>External</b>	<b>Dr.S.Sankara Gomathi</b>		<b>Session Incharge</b>
	<b>Internal</b>	<b>Prof. Rajashekar Kunabeva</b>		<b>Session Coordinator</b>
				<b>Dr. Rajashekhar Somasagar Contact: 7019630600</b>
				<b>Prof. Sharanbasaveshwar H B</b>

Sl. No.	Time slot	Paper ID	Paper title	Author	Co-Authors
1	<b>3.45PM to 5.15PM</b>	ICETSEM_2206950428	IoT Based Health Monitoring System for General and Coma Patients	Bharathraj Kumar	Bhavana G N,
2		ICETSEM_2506130287	A Novel scheme for streamlined unified traffic management	Deepa. T	Dr. Praveen J
3		ICETSEM_2206468290	Design and Implementation of BICMOS based Bandgap Reference Circuit	Shreesha N S	Aditya R Bangur, Srujana Kandagal, Swathi K S, Dr.Nirmala S O
4		ICETSEM_2206293684	Design and Verification of CMOS LDO Regulator	Shreevathsa N S	Viresh Banakar, Shravya N, Dr. G S Sunitha
5		ICETSEM_0807427877	Effect of Soil Ionization on the Propagation of the Electric Field From an Impulse Radiating Antenna	Sunitha K	
6		ICETSEM_1806062851	Design and Implementation of Women Safety System Based on IOT Technology	VINUTHA L B	SAHATAZ M L





## 2nd International Conference on Emerging Trends in Science, Engineering and Management (ICETSEM-2021) July 15<sup>th</sup> & 16<sup>th</sup>



### Department of ECE/EEE/TCE/E&I Track-3 (16/07/2021)

Sl. No.	Time slot	Paper ID	Paper title	Author	Co-Authors
<b>Session-4</b>					
		<b>Timings: 10.00AM to 11.30AM</b>	<b>Venue : DSP Lab (EC212)</b>	<b>Session link</b>	<b><a href="https://meet.google.com/rwp-nsmg-tnf">https://meet.google.com/rwp-nsmg-tnf</a></b>
<b>Session Chair</b>		<b>External</b>	<b>Dr.S.Sankara Gomathi</b>	<b>Session Incharge</b>	<b>Dr. Rajashekhar Somasagar Contact: 7019630600</b>
		<b>Internal</b>	<b>Dr. Praveen J</b>	<b>Session Coordinator</b>	<b>Prof. Rajappa H S</b>
1	<b>10.00AM to 11.30AM</b>	ICETSEM_1706163247	SMART VIRTUAL ASSISTANCE FOR VISUALLY IMPAIRED PEOPLE	Gururaj E	Pooja B, Vismitha T R, Varshini S B, Sheetal S
2		ICETSEM_1706813657	Fast and Accurate Detection and Classification of Sandalwood plant Diseases	Mrs. Manjula BK	Ramachandra JP, Kishan PM, Chaitra HV, Chandana GL
3		ICETSEM_1706453761	Student attendance system using face detection and recognition	Manjula B K	Kavyashree M Kalal, Ananya H Doddagoudar, Anusha K, Bindu S P
4		ICETSEM_1706123479	IOT Based Coal Mine Safety Monitoring and Control Automation using Raspberry Pi	Dr. Santosh M Herur	Clinton Leema, Chandana R M, Gowri M G, Lingaraju S V
5		ICETSEM_1706017536	IoT based Smart Hand Glove for Differently-Abled People	Nagaveni S A	Anusha M S, Chandana B M, Chandana H, Nayana M C
6		ICETSEM_1706934058	Protecting crops from birds and animals using sound technology in agriculture	Dr.Latha BM	Nidhi HP, Bindu B Pawar, Bindu shree VT, Aishwarya Bondade



## 2nd International Conference on Emerging Trends in Science, Engineering and Management (ICETSEM-2021) July 15<sup>th</sup> & 16<sup>th</sup>



### Department of ECE/EEE/TCE/E&I Track-3 (16/07/2021)

<b>Session-5</b>	Timings: 11.45AM to 1.15PM	Venue : DSP Lab (EC212)	Session link	<a href="https://meet.google.com/rwp-nsmg-tnf">https://meet.google.com/rwp-nsmg-tnf</a>
<b>Session Chair</b>	<b>External</b>	Dr.S.Sankara Gomathi	<b>Session Incharge</b>	<b>Dr. Rajashekhar Somasagar</b> Contact: 7019630600
	<b>Internal</b>	Dr. Rajashekhar Somasagar	<b>Session Coordinator</b>	<b>Prof. Rajendra Soloni</b>

Sl. No.	Time slot	Paper ID	Paper title	Author	Co-Authors
1	<b>11.45AM to 1.15PM</b>	ICETSEM_1706739601	Social Distancing Detection and Alerting System	Mrs. Venkata Sumana C H	Mr. Mahesh N D, Mr. Jagadeesh H, Ms. Ibbani P, Ms. Bhavana S
2		ICETSEM_1706579046	Intelligent Safety Device for Women using GPS and GSM	Mrs. Venkata Sumana C H	Megha Hiregoudra, Inchara M S, Manjuanth S A, Mruthunjaya B M
3		ICETSEM_1706012348	IoT BASED ANTI POACHING ALARM SYSTEM FOR VALUABLE TREES	Mr. Harisha G C	Mohammed Junaid, Smitha H B, Seyda Arjumen Banu, Tanzeera Khanum
4		ICETSEM_1706650872	Disinfected Hand Sanitizer with Temperature Sensor and Voice Notification	Mr. HARISHA G C	RAKSHITHA A, PRAMOD J, RAMYA M H, CHETAN KOLUR
5		ICETSEM_1706354126	Smart Weather Monitoring System	Mr. Sampath Kumar B	Ms. Abhilasha A Myakalamaradi, Ms. Aishwarya I Ganiger, Ms. Ashwini M Koppad, Mr. Avinash Y
6		ICETSEM_1706543701	A Survey on Reconfigurable Microstrip Antennas	Rajendra Soloni	Pooja P Hebber, Preethi I B, Soundarya D H, Ummerumana A B



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### Department of ECE/EEE/TCE/E&I Track-4 (15/07/2021)

<b>Session-1</b>	Timings: 11.45AM to 1.15PM	Venue : VHDL Lab (EC213)	Session link	<a href="https://meet.google.com/wbx-pgcz-ktc">https://meet.google.com/wbx-pgcz-ktc</a>
<b>Session Chair</b>	External	Dr. M. Mahaboob Basha	Session Incharge	Dr. Rajashekhar Somasagar Contact: 7019630600
	Internal	Dr. Santosh Herur	Session Coordinator	Prof. Raviteja Balekai

Sl. No.	Time slot	Paper ID	Paper Title	Author	Co-Authors
1	11.45AM to 1.15PM	ICETSEM_1706378496	IOT CONTROLLED DISINFECTION SPRAYING ROBOT	Rajendra Soloni	Vijaykumar M, Pooja T S, Karibasappa R,Naveen O
2		ICETSEM_1706435029	Automatic Vehicle Documents Detection and Verification Using Quick Response (QR) Code	Praveen J	Dimple G S,Manjula K P, Akash V, Mohammad Gouse B K
3		ICETSEM_1706341298	Development and Implementation of Sensors Based Remote Water Valve and Fertilizer Dosage Control System for Agricultural Application	Praveen J	Aishwarya G, Akshata R D, Akshatha R, Malathibai T
4		ICETSEM_1706617308	Smart Surveillance and Watchman Alerting System	Mr. Chetan B V	Mr. Bharath P Kalmani, ,Mr. Akarsh S A, Mr. Mayur R Vernekar, Mr. Nikhil Swamy B K
5		ICETSEM_1706175238	Cloud Based Air and Sound Pollution Monitoring System with Temperature and Humidity Sensing	Mr. Chetan B V	Mr. Mohammad Aftab Y H, Mr. Dheeraj Kumar S, Mr. Chandan Patil R V, Mr. Pavankumar I Dodawad
6		ICETSEM_1706102754	Development of Artificial Intelligence based Bio-sensor	Rajashekar Kunabeva	Pramod S G, Rahul M R, Shivakumar R, Kalavida D N
7		ICETSEM_0907467982	Analysis of spatial polarimetric time-frequency distribution based doa estimation:by combining esprit with music	Manish kumar Pandey	Dr. Sandeep Santosh



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### Department of ECE/EEE/TCE/E&I Track-2 (15/07/2021)

<b>Session-2</b>		<b>Timings: 2.00PM to 3.30PM</b>		<b>Venue : VHDL Lab (EC213)</b>		<b>Session link</b>		<b><a href="https://meet.google.com/wbx-pgcz-ktc">https://meet.google.com/wbx-pgcz-ktc</a></b>	
<b>Session Chair</b>		<b>External</b>	<b>Dr. M. Mahaboob Basha</b>			<b>Session Incharge</b>		<b>Dr. Rajashekhar Somasagar</b>	
		<b>Internal</b>	<b>Prof. Rajashekhar Kunabeva</b>			<b>Session Coordinator</b>		<b>Prof. Chetan B V</b>	
<b>Sl. No.</b>	<b>Time slot</b>	<b>Paper ID</b>	<b>Paper title</b>		<b>Author</b>	<b>Co-Authors</b>			
1	<b>2.00PM to 3.30PM</b>	ICETSEM_2506874910	Radiographic Examination using deep learning		Mrs Pranita N Palsapure	MANISH B , R ABHISHEK , DEEPAK S , KARTHIK R S			
2		ICETSEM_2106205639	Performance Analysis of Machine Learning Techniques for Image Corner Detection		Santosh M Herur	Nagaraj Bhat, Ashwini S Shinde, Mahendra B M			
3		ICETSEM_2506617390	Performance Study Of Turbo Decoding And Multiuser System Performance Comparison With Various Diversities In Lte+ System Environment		Mrs Anushka Deepak Kadage	Dr. Priyatamkumar			
4		ICETSEM_1706984316	Development of Photonic based Handheld POC Device for Detection of Bacterial and Viral Pathogens		Dr. Rajashekhar Somasagar	Rakesh S G, Vivek S V, Pakeeresh S R, Venkatesh G T			
5		ICETSEM_2706198270	FPGA based PLL Control Algorithm to Enhance the Performance of APF		Dr. Rudrappa K M	Dr. Praveen J			
6		ICETSEM_2506831596	TOUCHLESS SMART DETOXIFYING UNIT		Sumanth S S	Vinutha Bhargavi			



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### Department of ECE/EEE/TCE/E&I Track-4 (15/07/2021)

<b>Session-3</b>	Timings: 3.45PM to 5.15PM	Venue : VHDL Lab (EC213)	Session link	<a href="https://meet.google.com/wbx-pgcz-ktc">https://meet.google.com/wbx-pgcz-ktc</a>
<b>Session Chair</b>	External	Dr. M. Mahaboob Basha	Session Incharge	Dr. Rajashekhar Somasagar Contact: 7019630600
	Internal	Dr. H C Hadimani	Session Coordinator	Prof. Vikas C Y

Sl. No.	Time slot	Paper ID	Paper title	Author	Co-Authors
1	3.45PM to 5.15PM	ICETSEM_1706397526	PARALLEL COUPLED MICROSTRIP BANDPASS FILTER FOR ISM APPLICATIONS	Vikas C Yatnalli	Anusha B H, Divya J Bethur, Divya T M, Yashaswini M
2		ICETSEM_1706056987	Security System Based On Knock Pattern Using Aurdino and GSM Communication	Mr.Rajappa H S	Mr.Praveen K R,Mr.Chandra Kumar H, Mr.Sagar j
3		ICETSEM_1706650872	Disinfected Hand Sanitizer with Temperature Sensor and Voice Notification	Mr. HARISHA G C	RAKSHITHA A, PRAMOD J, RAMYA M H, CHETAN KOLUR
4		ICETSEM_2506358746	Performance improvement of Breast Cancer Classification using Association rule and Synthetic Minority Oversampling Technique	Sailaja Pendyala,N. Vanamadevi	K.Ramanjaneyulu
5		ICETSEM_2506803657	ADVERTISEMENT ANALYSIS USING DIGITAL IMAGE AND SIGNAL PROCESSING	Spandana Shashikumar	Manohar B S
6		ICETSEM_1007829375	Swarm intelligence-based algorithms for spectrum sensing in cognitive radio: A review	Praveen Hipparge	Dr. Shivkumar S. Jawaligi



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### Department of ECE/EEE/TCE/E&I Track-4 (16/07/2021)

<b>Session-4</b>	<b>Timings: 10.00AM to 11.30AM</b>	<b>Venue : VHDL Lab (EC213)</b>	<b>Session link</b>	<a href="https://meet.google.com/wbx-pgcz-ktc">https://meet.google.com/wbx-pgcz-ktc</a>	
<b>Session Chair</b>	<b>External</b>	<b>Dr. M. Mahaboob Basha</b>	<b>Session Incharge</b>	<b>Dr. Rajashekhar Somasagar Contact: 7019630600</b>	
	<b>Internal</b>	<b>Dr. Murugendrappa N</b>	<b>Session Coordinator</b>	<b>Prof. Nagaveni S A</b>	
Sl. No.	Time slot	Paper ID	Paper title	Author	Co-Authors
1	<b>10.00AM to 11.30AM</b>	ICETSEM_2506632981	Smart Intelligent Mirror for Smart Living	B M Chandrashekhar	Pranav Kumar N
2		ICETSEM_3006607958	FPGA based Implementation of AES Algorithm	Dr. Rudrappa K. M	Khutejatul Kubra
3		ICETSEM_0107205349	Efficient medical image segmentation of COVID-19 chest CT scan images analysis based on deep learning technique	Aravind jadhav	Sanjay Pujari
4		ICETSEM_0307964180	Three Phase Induction Motor: The vector control analysis of an induction motor by Applying V/F speed	shambulingan Gouda	
5		ICETSEM_1406598731	Topology and Modulation Methodology for High-Frequency-Link MMC Based Multi-port DC-DC Converter for HVDC/MVDC and LVDC Applications	D.SRINIVASA RAO	Dr.K.Chiranjeevi
6		ICETSEM_1806028396	:A Review on Low Voltage Ride Through Capability Enhancement Methods for Grid Connected Permanent Magnet Synchronous Generator-based Wind Conversion System	STUTI CHRISTIAN	DR. SANJAY VYAS
7		ICETSEM_1906814706	A Comparative Study - On Boost Converter with and without PFC	R Varun	Priya S



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### Department of ECE/EEE/TCE/E&I Track-4 (16/07/2021)

<b>Session-5</b>	Timings: 11.45AM to 1.15PM	Venue : VHDL Lab (EC213)	Session link	<a href="https://meet.google.com/wbx-pgcz-ktc">https://meet.google.com/wbx-pgcz-ktc</a>
<b>Session Chair</b>	<b>External</b>	Dr. M. Mahaboob Basha		<b>Session Incharge</b> Dr. Rajashekhar Somasagar Contact: 7019630600
	<b>Internal</b>	Dr. Murugendrappa N		
			<b>Session Coordinator</b>	Prof. Akshata Chavan

Sl. No.	Time slot	Paper ID	Paper title	Author	Co-Authors
1	<b>11.45AM to 1.15PM</b>	ICETSEM_2106934027	A New Topology of Multilevel Inverter fed from Photovoltaic system	HEMALATHA JAVVAJI	BASAVARAJA BANAKARA
2		ICETSEM_0106512480	Comparative Study of FLC and SMC Methods for Power Factor Improvement of Distribution System with EV Chargers for SVC	Usman Ali A R	Dr. D.SATHYANARAYANA
3		ICETSEM_2206968172	Nuclear EMP Coupling With an Underground Distribution Power Cables	Sunitha K	
4		ICETSEM_2206802439	High Power Electromagnetic sources Producing Induced Voltage in a Distribution Power Cable	Sunitha K	
5		ICETSEM_2406325716	Design and Analysis of Treadmill Bicycle	Katha Siva Dheeraj Reddy	MD.Asif
6		ICETSEM_2506269158	Series Connected Half bridge Modular Multilevel Motor Drive System Converter	Vandana R	Chandrashekhar p k
7		ICETSEM_0907629817	IoT in agriculture	CHANDRUVASAN S	LOGEAH KANNAN M
8		ICETSEM_0907409258	Usage of Admittance sensor in water level indicator which provides high stable output compared to capacitive sensor.	MAHAVISHNU G	MATISVAR MV



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### MECHANICAL ENGINEERING ,IP, AUTOMATION & ROBOTICS

Department of ME/IP/ROBOTICS AND AUTOMATION					
Track-5, Date; 15/07/2021					
Session-1	Timings: 11:45 AM – 1:15 PM	Venue : BOARD ROOM G103A		Session link	<a href="https://meet.google.com/vsq-qsad-gnm">https://meet.google.com/vsq-qsad-gnm</a>
Session Chair	External	Prof. (Dr.) A. S. Dube		Session Incharge	Dr. Mudasar Pasha B A Mob:9844938353
	Internal	Dr. Srinivasa C V		Session Coordinator	Prof. Sandeep S H
Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
1	ICETSEM_1906410859	11:45 AM – 1:15 PM	RADIO FREQUENCY CONTROLLED SOLAR ENERGY BEACH CLEANING ROBOTIC VEHICLE	Pavankumara k v	Santosh markatti, sanjay kumar N S, Salman E
2	ICETSEM_1906428935		CHARACTERISATION AD PERFORMANCE COMPARISON OF KARANJA METHYL ESTER WITH CI ENGINE	Chetan J Chikkorde	Ajit Bevingidad, Basavraj Mannangi, Vinayak P Kodate
3	ICETSEM_1806240586		INDICATOR-based approach for development of sustainability index for a Davanagere city	Vijaya kumar B H	Dr. Nagesha N
4	ICETSEM_1906183607		Automated wheel carried pesticide sprayer	Bharath B S	Hareesha D P, Banakara Avinash, vasanthkumar D K
5	ICETSEM_1906316478		Processing parameters affecting the fatigue life of Aluminium Metal Matrix Composites (AMMCs)	Sivaprakash P	Prajwal S, Purushotam C Kathare, Sanjay S Tambe, Prasanna B
6	ICETSEM_2006857641		Eco-friendly elevator for domestic application	Tanushree M	Akshay Kumar K, Chandana R, Sayeda Tanaz Darvesh
7	ICETSEM_2006071528		Performance analysis of heat transfer enhancement in heat exchanger by using fins	AMARESH K	Amith.k.s , Punit. BO, Rakshit kumar gombi
8	ICETSEM_2006793861		EXPERIMENTAL AND NUMERICAL ANALYSIS OF EPOXY BASED FIBER REINFORCED COMPOSITE	Harsha H M	Nikhil A U, Sharath P S, Anil B R, Poornachandra N Sappali





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### Department of ME/IP/ROBOTICS AND AUTOMATION

Track-5, Date: 15/07/2021

<b>Session-2</b>	Timings: 2:00 PM - 3:30 PM	Venue : BOARD ROOM G103A	Session link	<a href="https://meet.google.com/vsq-qsad-gnm">https://meet.google.com/vsq-qsad-gnm</a>
<b>Session Chair</b>	<b>External</b>	Prof. (Dr.) A. S. Dube	<b>Session Incharge</b>	Prof. Prof. Prashanth H R Mob: 9611673670
	<b>Internal</b>	Dr. Mudasar Pasha B A	<b>Session Coordinator</b>	Prof. Dileep Kumar S G

Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
1	ICETSEM_2006170459	<b>2:00 PM - 3:30 PM</b>	SWARM ROBOTICS	LOKESH N	HARIPRASADA J A, MOHAMMED FARAZ R, MOHAMMED ZEESHAN K M
2	ICETSEM_2006327408		Numerical evaluation of heat transfer performance in shell and helically coiled tube heat exchanger at different orientations and Reynolds number	Manjunatha M N	H S Manoj, Dinesh U, Mallikarjuna Veerabhadrapa Bidari
3	ICETSEM_2006476158		Automatic Ginger Harvesting Machine	Aravind K	Shivakumara K, Shivukumar Saraganachari, Vijay Kumar I H
4	ICETSEM_2006154708		SMART MOBILE CHARGING STATION FOR RURAL ELECTRIFICATION DRIVEN BY SOLAR ENERGY	Pallavi N	Bushra firdhose B, keerthi P, MD fazil
5	ICETSEM_2006081365		ALTERNATE FUEL FOR INTERNAL COMBUSTION ENGINE	MOHAMMED ASHRAFULLA	RAHAMATHULLA S K
6	ICETSEM_2006301687		Hybrid water pump	Rakshith S N	Manu B S, Swamy V R, Amith V, Doddeshi B C
7	ICETSEM_2006947235		Fiber reinforced composite as an implant material for medical Applications	Yuvaraj N	Thippesh S.K, Sachin Malagi, Sachin Waddar, Manjunatha G B
8	ICETSEM_2006390215		Design and Development of Robot Arm for Industrial Applications	Bharath K N	Suhas A, Kiran Kumar P, Rudresh H C, Manoj R K



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### Department of ME/IP/ROBOTICS AND AUTOMATION

Track-5, Date: 15.07.2021

Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
<b>Session-3</b>					
Timings: 3:45 PM - 5:15 PM		Venue : BOARD ROOM G103A		Session link <a href="https://meet.google.com/vsq-qsad-gnm">https://meet.google.com/vsq-qsad-gnm</a>	
Session Chair		External	Prof. (Dr.) A. S. Dube	Session Incharge	
		Internal	Dr. Rajakumar D G	Session Coordinator	
				Prof. Doddeshi B C Mob:8660392691	
				Prof. Basavarajappa S	
1	ICETSEM_2006624975	<b>3:45 PM - 5:15 PM</b>	Study and Evaluation of Plasma Sprayed Coating on a Metal Substrate	Kiran Naik V	Mallikarjun.GJ., Manoj Kumar.T., Praveenkumar.A.Malladad
2	ICETSEM_2006925486		Automated Reclining Wheelchair	Sanjay M S	Harsha H M, Puttappa D H, Ramesh H G, Ranjith kumar A B
3	ICETSEM_2006031947		DESIGN AND DEVELOPMENT OF BIO-BASED COMPOSITES USING SUSTAINABLE MATERIAL FOR RESIDENTIAL AND INDUSTRIAL APPLICATION	Bharath K N	Nandeesh D, Bharath Kumar G M, Manu S, Karthik K R
4	ICETSEM_2006657120		PRODUCTION OF DIFFERENT BIODIESEL FUEL AND PERFORMANCE ANALYSIS OF CI ENGINE	SAGAR H G	Harsha C S, Bhrath T G, Vinayak S P, Dr Basavarajappa D N
5	ICETSEM_2006123048		Experimental investigation on natural fillers reinforced with epoxy composite	Siddarth J M	Naveen P B
6	ICETSEM_2106560439		Fracture properties of natural fibre Reinforced Composite for environmental conditions	Maruthi R	Darshan K U, Manoj H H, Manjunatha S R.
7	ICETSEM_2506941086		Bending Behavior of Curved Sandwich Composite Structure	Dr. Srinivasa C V	Praveen V Bongale, Marati Prasada
8	ICETSEM_2106143097		Design and Development of Device Used for Detection of Cracks on Railway Tracks	Mayank Mishra	Rushikesh Bhawar



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### Department of ME/IP/ROBOTICS AND AUTOMATION

**Track-5, Date: 16/07/2021**

Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
<b>Session-4</b>					
		<b>Timings: 10:00 AM – 11:30 AM</b>	<b>Venue : BOARD ROOM G103A</b>	<b>Session link</b>	<a href="https://meet.google.com/vsq-qsad-gnm">https://meet.google.com/vsq-qsad-gnm</a>
<b>Session Chair</b>		<b>External</b>	<b>Dr. RAMACHANDRA C. G</b>	<b>Session Incharge</b>	<b>Prof. Mallikarjuna V Bidari Mob:8762259074</b>
		<b>Internal</b>	<b>Dr. Mudasar Pasha B A</b>	<b>Session Coordinator</b>	<b>Prof. Anil Kumar</b>
1	ICETSEM_2306250763	<b>10:00 AM to 11:30 AM</b>	Vibration Minimization Using Electrorheological Damper During Hard Boring.	Aditi Apte	Dr. Chetan S. Jarali, Dr. Samikkannu Raja, Dr. Satish. S. Kulkarni
2	ICETSEM_2406049639		Analysis of Skin-Stringer Attachment and Selection of Stringer Cross Sections	Ganesh Pateel D G	Dr. Suresh N
3	ICETSEM_1906385712		Electro-Mechanically operated Automatic Septic Tank for Railway Bogies	Mr. Suresh Babu S U	Mr. Sohail Ahmed D, Mr. Syed Shoyeb K, Mr. Srinidhi V Singanamalli , Mr. Mohammed Mustafeez K A
4	ICETSEM_2506937265		Indian Automotive sector:investment in R&D ,technology adoption and transfer	Mudita Dixit	Dr. G.T.Thampi
5	ICETSEM_2506847690		Finite Element Modelling of Cantilever beam bounded with piezoelectric patch subjected to vibration for energy harvesting	Laxmi B Wali	Dr. Chandrashekara C V
6	ICETSEM_2606489732		LOW COST OF 3D PRINTING	VIKAS S MUDIGOWDAR	SANJAY E
7	ICETSEM_2806072514		Experimental and numerical study on heat transfer characteristics of Al <sub>2</sub> O <sub>3</sub> and base fluid water in the heat exchanger	Gururaj Lalagi	P B Nagaraj and Mallikarjuna Veerabhadrapa Bidari
8	ICETSEM_3006379140		Design of Gyroscope for Stabilizing Two-Wheeler	B R GURUSHREE KARTHIK PRASAD	RAJU B R, R AYISHA SIDVIQUA , PRIYANKA H K



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### Department of ME/IP/ROBOTICS AND AUTOMATION

Track-5, Date: 16/07/2021

Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
<b>11.45 AM to 1:15 PM</b>					
1	ICETSEM_3006730946		SYNTHESIS OF NANOSTRUCTURED TERNARY TiMgSr ALLOY FOR BIO-MEDICAL APPLICATIONS	PRADEEP N B	Dr. M M RAJATHHEGDE
2	ICETSEM_1906183045		Moisture Absorption Properties of Areca Sheath Fiber Reinforced Epoxy Composites	Srinivasa C V	Bharath Sharma, Bhoomika D, Darshan Kaladagi, H S Tejas, Halesh B B, Manoj B R, Sahaydri Kallimani, Naveen K, Ashok R Banagar
3	ICETSEM_2006342580		Determination of natural frequency of hybrid sandwich panel	Shashank S M	Mukunda SR, Tanushree T, Deep N, Sandeep SH
4	ICETSEM_2406972086		Investigations on Mode I Fracture Toughness and Drilling characterization of Coconut Shell Particle Reinforced Epoxy (CSPE) Composites	Dr. Manjunatha Chary G H	Dr. K. Sabeel Ahmed
5	ICETSEM_2906964035		Design and Fabrication of hybrid two wheeler	Sri Krishna	Suhas C B, Shreeharsha KR, Vinith Kumar P V, Kiran M R, Pavan S J, Pavan L, Chetan H R, Shivaprakash P, Dr. Srinivasa C V
6	ICETSEM_1005421730		Machine Vision Based Quality Control Strategies For Smart Manufacturing	C B Kolanur	Dr. Jyoti Bali, and Prof. A C Giriyaapur
7	ICETSEM_2506874321		Mini review on Michelia champaca seed oil as bio-fuel and bio-lubricant for I C Engine	PRADEEP K V, RAVIKUMAR K P	KAVITHA C S
8	ICETSEM_2006219437		AUTOMATED SOLAR GRASS CUTTER	Kirankumar M	Harsha H M, Arun B S, Praveen Y T, Sunil B T



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### CIVIL ENGINEERING

#### Department of Civil Engineering Track-6

Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
<b>Department of Civil Engineering Track-6</b>					
<b>Session-1</b>		<b>Timings: 11.45AM to 1.15PM</b>		<b>Venue : Civil Seminar Hall (F205A)</b>	
<b>Session Chair</b>		<b>External</b>	<b>Dr.G.Babu Rao</b>	<b>Session Incharge</b>	
		<b>Internal</b>	<b>Dr.GovardhanaSwamy H S</b>	<b>Session Coordinator</b>	
				<a href="https://meet.google.com/nra-dgit-kzi">https://meet.google.com/nra-dgit-kzi</a>	
				<b>Prof.Swamy L V Mob: 9686088014</b>	
				<b>Prof.Kirankumar C M Prof.Hanumesh B M</b>	
1	ICETSEM_1506241937	<b>11.45AM to 1.15PM</b>	Use of Sugarcane Bagasse Ash as Cement Replacement Materials in Concrete	Dr.H.S.GovardhanaSwamy	swamy lv
2	ICETSEM_1706816709		Effect of Addition of Sugarcane Bagasse Ash as a Partial Replacement of Cement on Fresh and Hardened Properties of Cement Concrete	B K Varun	Sushma Y A
3	ICETSEM_1706598760		Treatment of Dairy Wastewater By Using Natural Coagulants	Dr.Kiran Kumar H S	ShilpaRaikar
4	ICETSEM_1806480562		The Mechanical Properties of Polypropylene Fibre Reinforced Concrete with Silica Fume as a Partial Replacement of Cement	HANUMESH B M	RAGHAVENDRA G
5	ICETSEM_1806871563		EFFECT OF SIZE OF COARSE AGGREGATE ON SELF COMPACTING CONCRETE	HARISH B A	SudeepGoud K S
6	ICETSEM_1806346579		CAUSES, EFFECTS AND REMEDIAL MEASURES FOR EUTROPHICATION OF BATHI LAKE - A CASE STUDY	Dr.Kiran Kumar H S	KanadalLingaraja
7	ICETSEM_1806501426		Deciphering Groundwater Potential Zones in Harihara River Basin of HariharaTaluk, Davangere District Using Remote Sensing and GIS	Dr.Arun Kumar S L	Roopa G R
8	ICETSEM_1906310754		ANALYSIS AND DESIGN OF MULTI STORIED BUILDING USING STAAD.Pro.	Swamy L V	Pooja R S



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### Department of Civil Engineering Track-6

<b>Session-2</b>		<b>Timings: 2.00 PM to 3.30PM</b>		<b>Venue : Civil Seminar Hall (F205A)</b>		<b>Session link</b>		<a href="https://meet.google.com/nra-dgit-kzi">https://meet.google.com/nra-dgit-kzi</a>	
<b>Session Chair</b>		<b>External</b>		<b>Dr.G.Babu Rao</b>		<b>Session Incharge</b>		<b>Prof.Swamy L V</b> <b>Mob: 9686088014</b>	
		<b>Internal</b>		<b>Dr.GovardhanaSwamy H S</b>		<b>Session Coordinator</b>		<b>Prof.Kirankumar C M</b> <b>Prof.Hanumesh B M</b>	
Sl. No.	Paper ID	Time slot	Paper title			Author	Co-Authors		
1	ICETSEM_1906879521	<b>2.00 PM to 3.30PM</b>	EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF COARSE AGGREGATE BY COCONUT SHELL			Swamy L V	Milan Sagar S		
2	ICETSEM_1906738016		Design of Indoor Air Purifier using used RO membranes.			Dr Mohammed Yaseen	Rajendra Kumar B K, WasiqMaqbool peer, Yonousahmad shah, Shashank G R		
3	ICETSEM_1906710962		PERFORMANCE EVALUATION OF LIGHTWEIGHT CONCRETE BY PARTIAL REPLACEMENT OF CEMENT BY FLY ASH			Virupaksha H V	Darshan K H		
4	ICETSEM_1906067218		ANALYSIS AND DESIGN OF MULTISTORIED COMMERCIAL BUILDING USING ETABS.			Virupaksha H V	Sridevi N		
5	ICETSEM_1906462973		Identification of blackspots in major roads of davanagere			Dr.Mohammedyaseen	Afnankhan A Badagi, Pooja B M, Pooja S Somnahalli, Vijay C B		
6	ICETSEM_1906981042		Development of an concrete mix design app			Puttaraju M.H	Darshan.CRakesh.DMalatesha.LMa dhusudhan B.R		
7	ICETSEM_1906879510		Experimental Study on Fly Ash Bricks			Puttaraj M.H	Sanjaykumar.N, Karthik K Rathod, Abilash B.A, MoinAhamed H.M		



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### Department of Civil Engineering Track-6

<b>Session-3</b>		<b>Timings: 3.45 PM to 5.15PM</b>		<b>Venue : Civil Seminar Hall (F205A)</b>		<b>Session link</b>		<a href="https://meet.google.com/nra-dgit-kzi">https://meet.google.com/nra-dgit-kzi</a>	
<b>Session Chair</b>		<b>External</b>	<b>Dr.G.Babu Rao</b>			<b>Session Incharge</b>		<b>Prof.Swamy L V Mob: 9686088014</b>	
		<b>Internal</b>	<b>Dr. Mohammed Yaseen</b>			<b>Session Coordinator</b>		<b>Prof.Kirankumar C M Prof.Hanumesh B M</b>	
<b>Sl. No.</b>	<b>Paper ID</b>	<b>Time slot</b>	<b>Paper title</b>		<b>Author</b>	<b>Co-Authors</b>			
1	ICETSEM_1906194537	<b>3.45 PM to 5.15 PM</b>	Electrochemical pretreatment of distillery spent wash using Aluminum, iron and zinc electrodes		Shanmukha N T	Lokeshappa B			
2	ICETSEM_2206594123		A Case Study on Rapid Transit System in Bangalore		SHREYA H C				
3	ICETSEM_1806306789		Possible outcomes of replacing potable water with secondary treated waste water in concrete in M25 grade concrete		Punith C G	Akshatha M			
4	ICETSEM_2506513472		Nonlinear Analysis Of Prestressed Concrete Slabs		Jomol John	Neethu Joseph			
5	ICETSEM_2506150384		Characteristics of Bituminous Concrete Mixtures Utilizing Industrial By-Products		ChavanRavishankar	M.S.Nagakumar			
6	ICETSEM_2906546973		Evaluation of Industrial By-Products in the Bituminous Concrete Mixtures		ChavanRavishankar	M.S.Nagakumar			
7	ICETSEM_2806602981		Performance analysis of geotechnical properties of expansive soil stabilized by glass powder and granite dust		MayankSoni	S S PARTE			



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### Department of Civil Engineering Track-6

Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
<b>Session-4</b>					
		<b>Timings: 10.00 AM to 11.30AM</b>	<b>Venue : Civil Seminar Hall (F205A)</b>	<b>Session link</b>	<a href="https://meet.google.com/nra-dgit-kzi">https://meet.google.com/nra-dgit-kzi</a>
<b>Session Chair</b>		<b>External</b>	<b>Dr.G.Babu Rao</b>	<b>Session Incharge</b>	<b>Prof.Swamy L V Mob: 9686088014</b>
		<b>Internal</b>	<b>Dr. Mohammed Yaseen</b>	<b>Session Coordinator</b>	<b>Prof.Kirankumar C M Prof.Hanumesh B M</b>
1	ICETSEM_1806398164	<b>10.00 AM to 11.30AM</b>	EFFECT OF ADDITION OF LD SLAG AGGREGATE ON FRESH AND HARDENED PROPERTIES OF CEMENT CONCRETE	B K Varun	Darshan P, Kori Manjula,R V Shivaraju, Sneha R
2	ICETSEM_1806792186		AN EXPERIMENTAL INVESTIGATION ON STRENGTH PROPERTIES OF FIBROUS FERROCEMENT	Y B BharatharajEtigi	Rashmi C, ZabiullaTumminakatti , Shwetha,, Ibrahim Khaleel
3	ICETSEM_1806259874		EXPERIMENTAL STUDY OF CONCRETE USING GGBS AS PARTIAL REPLACEMENT FOR CEMENT	HARISH B A	Sowmya N B
4	ICETSEM_1806147936		BUS RAPID TRANSIT SYSTEM FOR DAVANGERE	KIRAN KUMAR C M	VEERESH S R
5	ICETSEM_1906538492		Sustainable irrigation by using sensors for areca crops for water conservation	Dr MOHAMMAD YASEEN	Dharshan M C , varsha N K , pallavi C P , Lohith H lakkol
6	ICETSEM_0107027185		The Roadway towards Achieving Sustainable Development Goals in Africa	NehalElshaboury	GhasanAlfalah, Abobakr Al-Sakkaf, and Eslam Mohammed Abdelkader
7	ICETSEM_0107137520		Architectural Software Usability Study Comparison between ArchiCAD® and Revit®	GhasanAlfalah	Abobakr Al-Sakkaf, NehalElshaboury and Eslam Mohammed Abdelkader
8	ICETSEM_0707972150		Need for sustainable planning approaches in peri-urban areas of metropolitan region: Case of Pune		Arunav Bhattacharya
9	ICETSEM_1806126507		Intersection and Signal Design at the junction of Shamanur road and Ring Road	KIRAN KUMAR C M	Santhosha R





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### BIOMEDICAL/BIOCHEMISTRY/BIOTECHNOLOGY

Department of BT/CHE/BM Track-7					
Session-1		Timings: 11.45PM to 1.15PM		Venue : CNR Rao Seminar Hall	
Session Chair		External	Dr. Mythily S		Session link
		Internal	Dr. Gurumurthy H		<a href="https://meet.google.com/nvm-ovkq-ewo">https://meet.google.com/nvm-ovkq-ewo</a>
			Session In charge		Mr. Ganesh Tilve (+91 87226 05747)
			Session Coordinator		Ms. Shalini Billa (+91 87929 40202)
Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
1	ICETSEM_2506124798	11.45PM To 1.15PM	Missing link between NLRP3 mediated neuroinflammation and micro-RNA in Alzheimer's disease	Ankitha Das	PRAVIR KUMAR
2	ICETSEM_2506124798		Demonstration of Phytoremediation Potential to Mitigate Water Pollution in Haldia, West Bengal	Moumita Maity	Dr. Rajarshi Banerjee
3	ICETSEM_2506124798		Optimization of Ethyl Levulinate extraction from Sugarcane Bagasse	Gurumurthy DM	Bommanputri Gangdhar Prerana, Ashwini Santhosh, Afifa Arfain, Mathada Shanmukiah Renukardaya
4	ICETSEM_2506124798		Molecular Characterization of Plant Growth Promoting Bacteria Isolated from the Rhizosphere of Areca catechu L. Plantation	Pavan K J	Meghana M, Ranjitha H, Shubham Revankar, Suhas S.V
5	ICETSEM_2506124798		Mixed type solar dryer integrated with Phase Change Material (PCM) for drying agricultural products	Keerthi S	Monisha G, Ghazala Masood, Naveen K H, Mallikarjuna A C, Shalini Billa
6	ICETSEM_2506124798		Chitosan and banana pseudostem composite in antimicrobial food packaging applications	Rakesh NR	Agasthya H U, Akshatha B A, Nitin Kumar, N K Muskan
7	ICETSEM_2506124798		Synthesis of chitosan nanoparticles and its antimicrobial application in medical protective wears	Ganesh G. Tilve	Tejas M M, Nehan Anjum M H, Pramod Bhavanoor, SinchanaH
8	ICETSEM_2506124798		Probiotics for Cholesterol Assimilation	Deepti P	Mohammed Ali, Harshitha B S, Spandana M S, Chetan S



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Department of BT/CHE/BME Track-7					
<b>Session-2</b>	Timings: 2.00PM to 3.30PM	Venue: CNR Rao Seminar Hall	Session link	<a href="https://meet.google.com/nvm-oykq-ewo">https://meet.google.com/nvm-oykq-ewo</a>	
<b>Session Chair</b>	External	Dr. Mythily S	Session In charge	Mr. Ganesh Tilve (+91 87226 05747)	
	Internal	Dr. Pavan KJ	Session Coordinator	Mrs. Deepthi P (+91 97394 41102)	
Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
1	ICETSEM_2506971075	2.00PM to 3.30PM	Study on Leafy Vegetables' Growth Using Auxin Produced by Rhizobium Phaseoli Under Salt Stress Conditions	Ksheera J J	Shubhanka A C, Meghana V S, Pooja B S
2	ICETSEM_2106796315		Production of Liquid Bio-fertilizer from Parthenium hysterophorus	Prakash K K	Anil G B, Meghana L, Mohankumar M P
3	ICETSEM_3006906412		In silico identification of common proteins involved in crotonylation and acetylation in Alzheimer's disease and drug repurposing.	Swati Tiwari	Pravir Kumar
4	ICETSEM_1606102957		Reduction of Paint Sludge By Process Optimization For eco-Friendly Automotive Paintshop	Mahesh Pratap Singh	Ashwini Sood, Deepak Yadav
5	ICETSEM_1906046352		Environmental impacts of Automotive Coating Industry and their sustainable solutions: An overview	Dhiraj Wadhwa	Jitendra Kumar
6	ICETSEM_3006314895		Chitinolytic enzymes: Properties and applications in seafood waste treatment	Preetham H R	R Dhanyashree, Sheezan M H, Vinayaka R N Gurumurthy H
7	ICETSEM_2606731420		A Sustainable Pre-Effluent Treatment of Tannery Wastewater by Electro-Coagulation	J. Christon Ringle Taube	Dr. Rajesh Kattiyar Dr. Sundarapandiyar
8	ICETSEM_2106976034		Development of Hydrophobic Cement Preparation using Oleic Acid	Alok Verma	Dr. S K Gupta



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### BUSINESS MANAGEMENT / COMMERCE

#### Department of Studies in Management Track-8 (15/7/21)

<b>Session-1</b>	<b>Timings: 11.45AM to 1.00PM</b>	<b>Venue: MBA T412- BOARD ROOM</b>	<b>Session link</b>	<b><a href="https://meet.google.com/dno-jxgk-hnm">https://meet.google.com/dno-jxgk-hnm</a></b>
<b>Session Chair</b>	<b>External</b>	<b>Dr.M.Sasirekha</b>	<b>Session Incharge</b>	<b>Dr. Gururaj Phatak 9900982156</b>
	<b>Internal</b>	<b>Dr. Ravi Kumar. C.</b>	<b>Session Coordinator</b>	<b>Mr. Vinay I</b>

Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
1	ICETSEM_1106630586	<b>11.45AM to 1.00PM</b>	Change in Consumer Behaviour towards Online Delivery during Covid-19 Pandemic: Shift from Offline purchase to online shopping	Nishtha Goel	Shrinivas Kulkarni
2	ICETSEM_1706746031		A Compendium of studies adopting extended models of Theory of Planned Behaviour and Theory of Reasoned Action to predict Green Consumer Behaviour	Balween Kaur	Dr. Veer P Gangwar
3	ICETSEM_1806504781		Impact of Employee Engagement on Job Performance and Organizational Commitment	Kavyashree M B	Dr Sridevi Kulenur
4	ICETSEM_2306190528		Entrepreneurial Marketing in MSME: The Past and the Present	Pushpa Hongal	Dr. N. Ramanjaneyulu
5	ICETSEM_2406184709		Digital Disruption of Fin-Tech in the Financial World.	Dr. A. Michael John SJ	Mrs. A. Pugazh Naavarasi
6	ICETSEM_0507214756		A Framework for Service Blueprinting and Service Gap Analysis for Automobile Firm.	Vinay I	Dr. Gururaj Phatak



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### BASIC SCIENCE ( MATHS/PHYSICS/CHEMISTRY)

Department of Basic Science Track-9 (15/7/21)					
Session-1	Timings: 11.45am to 1.15PM	Venue : Chemistry Lab	Session link	<a href="https://meet.google.com/vua-ibzc-nzq">https://meet.google.com/vua-ibzc-nzq</a>	
Session Chair	External	Dr.PA.Latha		Session Incharge	Dr. Santhosh B M/ Dr. Swaroop K Mob: 9972049262/ 9916822136
	Internal	Dr. Virupaxappa S Betageri (Chemistry) Dr. Onkarappa K S (Mathematics)		Session Coordinator	Mrs. Sushma Katti
Sl. No.	Paper ID	Time slot	Paper title	Author	Co-Authors
1	ICETSEM_2106045673	11.45AM To 1.15PM	A Facile synthesis, characterization of nanocellulose from Straw of Orizya Sativa	SHRIHARI BM	SIMRAN S REVANKAR
2	ICETSEM_2106612457		Acid Hydrolysis mediated synthesis, characterization and properties of nanocellulose from Corn Cob	USHA GV	RAKSHITHAR KAMATH
3	ICETSEM_2506592638		Nickel Catalyzed One Pot Synthesis of Biaryls under Air at Room Temperature	Aparna P I Bhat	B Ramachandra Bhat
4	ICETSEM_2606149538		Evaluation of Chromolaena Odorata Weed Powder as a potential biomass for the sorption of Cationic dyes in liquid Phase	AshwiniAKamath	
5	ICETSEM_2106831065		Investigation on some topological Indices of carbon nanobud	Deepasree S Kumar	Dr. Ranjini PS
6	ICETSEM_240627340		Number Theory	Deepak Tiwari	
7	ICETSEM_2406325718		Effect of thermal modulation on the onset of convection in a horizontal fluid saturated anisotropic porous layer: Darcy model	Dupadahalli Basavaraja	



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in Science, Engineering and Management  
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**Thanks For Your Participation, Revert Us With Feedback.,**