



**International Conference On Recent Advances In Technology,  
Engineering, Science And Management  
(ICRATESM 2023) - Hybrid Conference**

**16<sup>th</sup> & 17<sup>th</sup> March 2023**



**Organized By**  
**Dilap Research Institute of Engineering and**  
**Management Studies, Mumbai**

**in Association with**  
**Institute For Engineering Research and Publication (IFERP)**

**Our Academic Partner**



## ***Program Schedule***

### ***Conference Schedule - Day 1 (16.03.2023)***

<i><b>09:00 AM (IST)</b></i>	<i><b>Registration</b></i>
<i><b>09.30 AM (IST)</b></i>	<i><b>Inauguration</b></i>
<i><b>10:16 AM -10:45 AM (IST)</b></i>	<i><b>Keynote Speech I</b></i>
<i><b>10:46 AM -11:15 AM (IST)</b></i>	<i><b>Keynote Speech II</b></i>
<i><b>11:16 AM – 11:45 AM(IST)</b></i>	<i><b>Keynote Speech III</b></i>
<i><b>12:00 PM – 1:30 PM(IST)</b></i>	<i><b>Technical Session I</b></i>
<i><b>01:30 PM - 2:15 PM</b></i>	<i><b>Break</b></i>
<i><b>02: 16 PM - 05.00 PM (IST)</b></i>	<i><b>Technical Session II</b></i>

### ***Conference Schedule - Day 2 (17.03.2023)***

<i><b>09:00 AM(IST)</b></i>	<i><b>Registration</b></i>
<i><b>09: 30 AM – 09:45 AM(IST)</b></i>	<i><b>Keynote speech IV</b></i>
<i><b>09:46 AM – 10:05 AM (IST)</b></i>	<i><b>Session Speech I</b></i>
<i><b>10:06 AM – 10:26 AM(IST)</b></i>	<i><b>Session Speech II</b></i>
<i><b>11:00 AM – 1:30 PM</b></i>	<i><b>Technical Session III</b></i>
<i><b>1:30 PM (IST) – 2.15 PM (IST)</b></i>	<i><b>Break</b></i>
<i><b>02:15 PM – 05:00 PM (IST)</b></i>	<i><b>Technical session - IV</b></i>
<i><b>5.00 PM (IST)</b></i>	<i><b>Vote Of Thanks</b></i>

## Keynote Speakers

**Dr. Sanjay Singh Thakur**

Head – Research & Development  
Suyog Telematics Limited  
Mumbai, Maharashtra  
India.



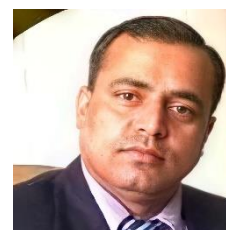
**Dr. D. P. Sharma**

Computer Scientist & Digital Diplomacy Expert  
AMUIT, MOEFDRE under UNDP and IGF  
(UN initiative for Digital Cooperation),  
National Brand Ambassador, Swachh Bharat Mission  
Rajasthan, India



**Prof. Ar. Dr. Nagendra Narayan**

Associate Professor and HOD  
Chairman - IIA Kapurthala & Hoshiarpur Sub Centre  
Lovely School of Architecture and Design,  
Lovely Professional University,  
Punjab, India.



**Dr. Suresh Kaswan**

Professor & Associate Dean  
Faculty of Engineering & Technology  
Sharda University,  
Uzbekistan



## Session Speakers

**Dr. Mahendra Joshi**

Professor  
Lovely School of Architecture and Design  
Lovely Professional University,  
Punjab, India



**Er. Jimmy Gupta**

Asst. Professor & Structural Engineer,  
Lovely School of Architecture & Design and  
School of Civil Engineering,  
Lovely Professional University,  
Punjab, India



## Session Chairs

**Dr. Lokesh Tarachand Lonare,**

Assistant Professor,  
Civil Engineering,  
DRIEMS



**Dr. Kundan Bharti,**

Assistant Professor,  
Mechanical Engineering,  
DRIEMS



**Dr. Prachi Gorakhnath Gadhirr,**

Assistant Professor,  
Computer Science Engineering,  
DRIEMS



## Technical Session 1 12.00 PM - 01:30 PM

### Civil Engineering / Architecture & Electrical Engineering

SNo	Paper ID	Paper Title	Department	Author	Co Author
1	ICRATESM_036978	Role Of Technology in Analysis Of Bioenergy And Facilitating A New Dimension In Holistic Healing	Architecture	Priyanka Mishra	Indu Bora
2	ICRATESM_431672	Planning Framework for Smart Village Concept	Architecture	Kunnipurayil Keerthana Manoj Kumar,	Lakshmi. S. R Devika S Nath
3	ICRATESM_946583	Critical Analysis of Urban Green Space (UGS) Standards In India	Architecture	Devika S Nath	Preethi Prabhakar Kunnipurayil Keerthana Manoj Kumar
4	ICRATESM -003	Planning And Estimation Of G+1 Structure Residential Building	Civil	Sankalp Shekhar Ahire	Sarthak Ganesh Patil
5	ICRATESM -004	Construction Techniques and Technologies of Ancient Indian Structures	Civil	Nishikant Manoj Verma	Suraj Chintamani Jaiswal
6	ICRATESM -005	Earthquake Analysis of Multi-Storeyed Composite Building With Different Earthquake Resistant Systems	Civil		
7	ICRATESM -002	Enhancing Plant Health Monitoring for Agriculture Using Digital Image Processing	Electrical	Omkar Pravin More	Akshaykumar Ganesh Chavan
8	ICRATESM -015	Dual Power Generation (Solar And Windmill)	Electrical	Shaikh Mohd.Owesh Raza Niyaz Ahmed	Mantu Dinesh Kumar
9	ICRATESM -024	Smart Attendance System Using Facial Recognition	Electrical	Sanjay Nadar	Vaishnavi Gaikwad

**Technical Session 2**  
**2.16 PM – 5.00 PM**  
**Mechanical Engineering / Math's**

SNo	Paper ID	Paper Title	Department	Author	Co Author
1	ICRATESM -001	The Study of Application Of Derivative And Integration	Maths	Kale Avinash Madhavravo	
2	ICRATESM -006	Performance And Combustion Characteristics of C I Engine Fueled With Hybrid Biodiesel Blend Adding Multi-Walled Carbon Nanotubes	Mech	Veeresh M Kodekal	Narendra Sameer
3	ICRATESM -007	Algae.Biodiesel	Mech	Anas.Riyaz.Gilani	Dev.Ajay.Gori
4	ICRATESM -012	Stabalization Of Black Cotton Soil with Polypropylene Fibers	Mech	Shaikh Usama Zaheer Ahmed	Shaikh Nabil Mohammed Dawood
5	ICRATESM -013	Sharding Techniques for Improving The Performance And Scalability Of Distributed Database In Enterprise Applications	Mech	Dinesh Rambahadur Tamang	Reshama Ramprasad Maurya
6	ICRATESM -014	Studying The Thermo Physical Properties and Preparation Of Nanofluids	Mech	Dr Shashank Divgi	Susenjit Singha Mahapatra
7	ICRATESM -019	Macine Tools	Mech	Satish Dilip Sutar	Mukim Bashir Shaikh
8	ICRATESM -020	Ball Mill and Research On Powdered Materials	Mech	Nishant Gopal Jadhav	Shreyash Govind Rahate
9	ICRATESM -021	Eco Friendly Leaf Plate Machine	Mech	Mohammed Faraz Mohammed Feroz Khatri	Vivek Sangam Kamble
10	ICRATESM -022	Upvc Pipe Framed Electrically Operated Two-Wheeler	Mech	Shreyas Vijay Thosare	Imran Munir Shaikh

**Day 2**  
**Technical Session 3**  
**11.00 AM – 1.30 PM**  
**Computer Science Engineering**

SNo	Paper ID	Paper Title	Department	Author	Co Author
1	ICRATESM_710693	Survey On Artificial Intelligence in Iiot Security Systems	CSE	Pratibha Amol Tambewagh	Dr Dayanand Ingle
2	ICRATESM -008	Automatic Identification of Vehicles In Traffic Using Smart Cameras	CSE	Nikhil Ratan Kamble	Rahul Ramsurat Yadav
3	ICRATESM -009	Twitter Clone Using Web 3.0 Tools with Blockchain Technology	CSE	Vinayak Raju Bhapkar	Shweta Vijaykumar Bhagat

4	ICRATESM -010	Pothole Detector on Solar Based Electric Bike	CSE	Kanhyasingh Maniksingh Rajput	Vedant Sudhir Dabhade
5	ICRATESM -011	An Overview Of Mental Health Advisor Using Deep Learning Model	CSE	Mr. Shital Sunil Agrawal	Dr. Shailesh Kumar
6	ICRATESM -016	Time-Series Forecasting Of Stock Market Using Lstm Networks	CSE	Hardik Madhukar Sonavane	Pratik Rajendra Jawde
7	ICRATESM -017	Biometric Based Autentication System For Exam Paper Leakages Using Iot Technology .	CSE	Saurabh Sudesh Sawant	Akshaykumar Bapurao Awaghade
8	ICRATESM -018	ATM Security Using Eye and Facial Recognition System To Avoid Robberies	CSE	Aditya Ravindra Marathe	Nikita Chandrakant Mane
9	ICRATESM -023	Dietify - A Diet Chatbot	CSE	Dr. NIDHI SHARMA	Dr. BALASAHEB BALKHANDE
10	ICRATESM -025	The Design and Management Of Operations Workflow Systems	CSE	Madhuri Sahebrao Ghuge	Nitin Babaso Patil
11	ICRATESM -026	Pose Estimation for Sports Analysis	CSE	Atharva Vilas Bhor	Bhushan Sudesh Divekar
12	ICRATESM -027	Pixie – A Speech and Gesture Enabled Virtual Assistant	CSE	Chinmayi Kamalakar Juikar	Pradnya Sham Jagtap

**Day 2**  
**Technical Session 4**  
**2.16 PM – 5.00 PM**  
**Computer Science Engineering**

SNo	Paper ID	Paper Title	Department	Author	Co Author
13	ICRATESM -028	RFID Parking System	CSE	SHRUTI RAJENDRA DASHPUTE	VINEESH PRATAP DESAI
14	ICRATESM -029	Handwritten Equation Solver Using CNN	CSE	DR. NIDHI SHARMA	Prof. KANCHAN DOKE
15	ICRATESM -030	Youtube Transcript Summarizer	CSE	POOJA AJAY SINGH	SADHANA ABASAHEB SURVE
16	ICRATESM -031	Ecommerce Website with Payment Gateway	CSE	Prof. Aruna Sanjay Kamble	Komal Devji Ligam
17	ICRATESM -032	Playmail: An Email Phishing Awareness Game	CSE	Dr. Dayanand Ingle	Janhavi Pravin Patil
18	ICRATESM -033	Disease Prediction	CSE	Shabber Salim Talu	Shivam Santosh Singh
19	ICRATESM -034	Real-Time Recognition Of Handwritten Characters & Digit On Flask Web Application Using Custom Trained Convocational Neural Network	CSE	Sajid Zakirhusen Shaikh	Kalpesh Dinkar Wagh



20	ICRATESM -035	Online Image Editor	CSE	Aditya Sonajirao Karande	Omkar Ravindra Londhe
21	ICRATESM -036	Blockchain Integration Using Hyperledger Fabric In A Digital Health Record System	CSE	SAURABH NITIN PATIL	TEJAS NITIN SAMEL
22	ICRATESM -037	Online Image Editor	CSE	Prof. Aruna Sanjay Kamble	Aditya Sonajirao Karande
23	ICRATESM -038	Skin Cancer Classification	CSE	Umesh Swamidin Suryavanshi	Swapnali Nagesh kharat
24	ICRATESM -039	Wakefulness Monitoring System	CSE	MAYUR RAVIKIRAN VEKHANDE	AMAN PRAKASHCHANDRA SINGHVI
25	ICRATESM -040	Image Error Identification In Online Forms Using Haar Cascade And Optical Character Recognition	CSE	Parag Chandrakant Shendkar	Shane - Sunil

**Thanks for participating in ICRATESM 23, request to share your valuable feedback form with us .,**



## Technical Session II

### 2:16 PM - 5.00 PM

**Track 1 : CSE, ISE, IT/ AI&DS – 16 papers**

**Track 2 : Management & Miscellaneous papers – 12 papers**

**Track 3 : ECE – 13 papers**

### Track 1 : CSE, ISE, IT/ AI&DS – 16 papers

<u>S.No</u>	<u>Abstract ID</u>	<u>Paper Title</u>	<u>Department</u>	<u>Author</u>	<u>Co Authors</u>
1	ICRTEM_1008785346	Analysing Credit Card Fraud Detection Algorithms	ISE	N Kushal Sourav	Nithish Paul
2	ICRTEM_1108824307	Discern Emotions using signal procured from the brain by EEG	ISE	Nisha Setty A R	R Ashok Kumar
3	ICRTEM_2506273105	Document Text Search System Using Principles of non-deterministic finite automata	AI&DS	Ayush Gundawar	Kuldeep Vayadande
4	ICRTEM_2506624175	Finite Automata Application in String Identification	AI&DS	Kuldeep Vayadande	Harsh Gujar
5	ICRTEM_2506260374	Text Corrector for English Language	AI&DS	Dhanashree Dewalkar	Kuldeep Vayadande
6	ICRTEM_2506402185	Randomly Generating Music Using Context Free Grammars	AI&DS	Kuldeep Vayadande	Bhaves Jagtap
7	ICRTEM_2506056281	Generating Computer Graphics Using DDA Algorithm	AI&DS	Kuldeep Vayadande	Darshan Bachhav
8	ICRTEM_2506789130	Randomly Generating English Sentences using Markov's chain	AI&DS	Kuldeep Vayadande	Arunav Chandra
10	ICRTEM_2506326915	Simulation of Pushdown Automata using Python	AI&DS	Kuldeep Vayadande	Abdul Mueed
11	ICRTEM_2506180943	Recognizing Regular Languages By Regular Expressions	AI&DS	Kuldeep Vayadande	Mr. Aditya Bhosale
12	ICRTEM_2706012784	Ocular Disease Recognition using Deep Learning	AI&DS	Varad Ingale	Vivek Verma, Abhishek Yeole, Sahil Zawar, Zoya Jamadar, Kuldeep Vayadande

13	ICRTEM_1008962847	Cyber Crimes against women in India - Analysis of data based on Machine Learning Regression Techniques	CNE/ISE	Gouripriya V	Prathiksha S Raj
14	ICRTEM_1108874925	Analysis of Motives behind cyber attacks using Machine learning Algorithms	CNE\ISE	Harshitha Y J, Pallavi N	R Ashok Kumar
15	ICRTEM_1108821793	Cyber hygiene in education sector	CNE\ISE	Anagha V, Roopa T, Reshma N Bhosle	R Ashok Kumar
16	ICRTEM_0306928306	Content-based image retrieval for multidimensional objects using Euclidean distance and an Artificial Neural Network	CSE	Prof Poornima Raikar	Dr S M joshi
17	ICRTEM_1206245713	ABC_DE_WOA: A New Novel Hybrid Algorithm for Complex Continuous Optimization Problems	CSE	Annvin Vincent	Prof. Pradeep Kumar D

## Track 2 : Management & Miscellaneous papers – 12 papers

<u>S.No</u>	<u>Abstract ID</u>	<u>Paper Title</u>	<u>Department</u>	<u>Author</u>	<u>Co Authors</u>
1	ICRTEM_2506389015	Effectiveness And Competencies Of Hr Professionals Towards Human Capital Development	Management	Annesly Anton Carvalho	Dr.J.M.Arul Kamaraj
2	ICRTEM_2706930624	A Study on Impact of work Stress on Labour Turnover in Garment Manufacturing Units.	Management	Manohar Babu G	Dr Ravinarayana Ks
3	ICRTEM_2706375268	Titania ceramic material as thermal barrier coating for piston in CI engine to investigate the performance and emission characteristics of Diesel and biodiesel.	Automobile Engineering	Pradeep K V	Dr.Kavitha C S , Manju R B , Dr.Ravikumar K P
4	ICRTEM_2906235698	When are tweets by start-ups more likeable?	Management	Nidhi Singhal	Deepak Kapur
5	ICRTEM_1607752384	A Study on enriching the Work-life Balance in the light of the Bhagavad Gita	Language?Lit	Dr.K.S.Sivakumar	
6	ICRTEM_2007608235	Production of SCP from Mosambi, Pea, Peanut waste by using Sacchromyces Cerevesaie	Biotech	Chhavi Agarwal	Dr. Ashish Shukla
7	ICRTEM_2007527431	$\alpha$ -Amylase inhibition by using different plant sources to check Antidiabetic property	Biotech	Deepika Chaudhary	Dr. Ashish Shukla
8	ICRTEM_2307680417	COMPLETE REPLACEMENT OF FINE AGGREGATE BY SECONDARY WASTE: A LEAP TOWARDS 100% SECONDARY RAW WASTE CONCRETE	Research	Vikitia Bora	Ganesh Mantri
9	ICRTEM_2307706329	Consumption Pattern among New Middle Income Households in India with special emphasis on Chennai population	Economics	Diana Josephine	Dr A. Mariyappan
10	ICRTEM_2307503817	Stress management and Emotional Intelligence - Incidence of increasing Counselling in work places	Economics	P Diana Josephine	L. Nachammai
11	ICRTEM_0108962784	Implication of Double Taxation Treaties: A Systematic Literature Review and Bibliometric Analysis	Commerce	Firdous Ahmad Hurrah	Dr Khalid Ashraf Chisti
12	ICRTEM_0208690481	Reflecting on pandemic; Its impact & opportunities for India es	BBA	Dr Beena Devi	Ms Runjhun Bahuguna

### Track 3 : ECE – 13 papers

<u>S.No</u>	<u>Abstract ID</u>	<u>Paper Title</u>	<u>Department</u>	<u>Author</u>	<u>Co Authors</u>
1	ICRTEM_2006524930	Army Road Safety Project	ECE	Prof. Shadakshari	Sramana Bhattacharya
2	ICRTEM_2106150637	Vaccine Storage Unit Using Peltier Effect And Power Management Technique	ECE	Chittaranjan Das V	Shivakumar D N,Naveen C, Sanjay K S,Kiran C B
3	ICRTEM_2406983761	A Review On Hardware Cryptocurrency Wallet	ECE	Divya B	Dr M Roopa
4	ICRTEM_2506261590	Security Authentication Adaptive Communication Protocols For Internet Of Multimedia Things	ECE	Harisha K S	Rajkumar Sarma
5	ICRTEM_2506845306	Machine Learning Analysis Of Emotion Detects In Children	ECE	Bhoomika J	Celeste T
6	ICRTEM_2906526870	Internet Of Things Enabled Power Theft And Smart Meter Monitoring System	ECE	Sushmitha Sr	Anshu Deepak
7	ICRTEM_2906397546	Air Quailty Sensing And Monitoring	ECE	Shyamala P	Akhil M
8	ICRTEM_2906174356	Design And Implementation Of Wireless Black Box For Vehicle Tracking And Accident Alert System Using Arduino And Gps Module	ECE	Dr. Shiva Shankar	Tejaswini P
9	ICRTEM_1107280694	Implementation Of 32-Bit Vedic Multiplier Using Verilog	ECE	Ramya K V	B M Yashas, C V Krishnan, Chanadana Rao, Linchana M
10	ICRTEM_1807342796	Development Of Health Tracker System For Elderly People	ECE	Sathananthavathi	Nivethika
11	ICRTEM_1907160932	System C Modeling Of Write Combining Burst Generator For Bus Protocols To Boost System Performance	ECE	Sunitha H D	Shyamala P
12	ICRTEM_2707706312	Comparison And Performance Investigation Of 4 And 16 Qam-Ofdm Based On Rof Link	ECE	Ankita Khanna	
13	ICRTEM_0908249601	Multiple Carrier Optical Frequency Comb Generation Based On Cascading Of Three Different Types Of Modulators In An Optical Networks	ECE	Neeraj Kumar	Ameeta Seehra,Simranjit Kaur

**Day 2 : 26/08/2022**

## Technical Session III

**11.30 AM - 01:15 PM**

**Technical Session III Track 1 : CSE, ISE, IT/ AI&DS – 10 papers**

**Track 2 : Miscellaneous & Management- 8 papers**

**Track 3 : EEE – 7 papers**

### Track 1 : CSE, ISE, IT/ AI&DS – 10 papers

<u>S.No</u>	<b>Abstract ID</b>	<b>Paper Title</b>	<b>Department</b>	<b>Author</b>	<b>Co Authors</b>
1	ICRTEM_1506348701	Sign-language recognition and translation into speech	CSE	Shridhara Hegde	Uddeshya Jha
2	ICRTEM_1606910346	Grama Vikas(Village Interaction System)	CSE	Prakash Kuchhadia	Nitesh Kumar
3	ICRTEM_1606197842	The Survey: Anomaly Detection in Cellular Networks	CSE	Kiran Deshmukhmath	Dr. Jayalakshmi D.S.
4	ICRTEM_1706570936	Detection of COTS-Starfish in Underwater Image using Convolution Neural Networks: A Survey	CSE	Dr. Rajeshwari B S	Sumanth K V, Shashidhar, Sharan D B, Kshitij
5	ICRTEM_1806092763	Students Marks Prediction	CSE	Husna Khanum	Indraja J
6	ICRTEM_2206091483	Survey on Various Biometric Techniques	CSE	Shruti Chougule	Prof. Vandana Sardar
7	ICRTEM_2706982651	Identify Vulnerabilities in Mobile Banking System using Vulnerability Assessment and Penetration Testing	CSE	Mohd Salman	Prof. Dr. Rahul Kumar Mishra
8	ICRTEM_2606082397	An Efficient and Intelligent decision making for Eco-Fertilization	CSE	Ishita Katiyar	Gaurav Sharma
9	ICRTEM_2606724350	Driver Drowsiness Detection Software	CSE	Kuldeep Vayadande	Pavan Kumar Sanjay
10	ICRTEM_2606261598	Traffic Sign Recognition System using YOLO	CSE	Kuldeep Vayadande	Rohit Patil

### Track 2 : Miscellaneous & Management- 8 papers

<u>S.No</u>	<b>Abstract ID</b>	<b>Paper Title</b>	<b>Department</b>	<b>Author</b>	<b>Co Authors</b>
1	ICRTEM_0208708126	The Concept Of The Boundary Layer In The Study Of Fluid Flow	Mathematics	Rekha Devi	
2	ICRTEM_0808831925	Enhanced Power Factor Of Mg2Si With The Addition Of Sige Particulates	Meterology	Sushantika Choudhary	Saravanan Muthiah, Bathula Sivaiah, Naval Kishor Upadhyay Radhey Shyam, S. R. Dhakate
3	ICRTEM_1008281705	Consumers Perception Towards Electric Vehicle - A Study	Management	Rashmi S.B	Suchitra Shenoy S,
4	ICRTEM_1108718530	Relevance Of Existing Sales And Marketing Strategies In Fmcg Start Up – Case Study Approach	Marketing	Mamta Negi	Mamta
5	ICRTEM_1108138497	An Intelligent “Multi – Level” Model For Optimizing Loan Portfolio Of Retail Banks	Finance	Srilatha Kappagantula	Prof Vikas Srivastava
6	ICRTEM_1108326145	Use Of Complex Fuzzy Matrices In The Diagnosis Of Gestational Diseases	Mathematics	Divya Mol K T	Dr. Lovelymol Sebastain
7	ICRTEM_1108921603	Bibliometric Analysis Of Minimum Support Price And Publication Output: A Research Agenda	Management	Anurag Bhandari	Dr. R.P Badoni
8	ICRTEM_1208670815	Mediation Of Study Habits Between Social Networking Sites And Academic Performance Of Management Graduates	Commerce	E. Nagaraju	B. Siva Vishnu Mohan Reddy

### Track 3 : EEE – 7 papers

<b>S.No</b>	<b>Abstract ID</b>	<b>Paper Title</b>	<b>Department</b>	<b>Author</b>	<b>Co Authors</b>
1	ICRTEM_1806287904	A Smart Review On Hybrid Forecasting Systems Based On Solar And Wind Energy Sources	EEE	Sunil Kumar A V	Danalakshmi H R
2	ICRTEM_1806143752	Optimal Allocation Of Facts Devices In Transmission System Using Social Group Optimization (Sgo)	EEE	Sunil Kumar A V	Saptadipa Das
3	ICRTEM_2006679815	Electric Grass Cutter With Bms	EEE	Dheeraj K	Sowmya G J



4	ICRTEM_2006917482	4-Channel Touchless Switchboard For Post Covid World	EEE	Sunanda C V	Raushan Kumar Shrivastava, Bhola Chaudhary, Imran Alam, Firdoush Ansary
5	ICRTEM_2006724059	Iot Based Controlling Of Power Grid	EEE	Mallesha B Y	Bhoomika R, Shankar Kumar Yadav, Thejaswini B, Hussien Ali Hussien Mursal
6	ICRTEM_2006078192	Arduino Based Driver Drowsiness & Alerting System	EEE	Madhavi Dasari	Afsal A, Ujjal Sarkar, Suhaib Mm
7	ICRTEM_2006760983	Analysis Of Model Order Reduction Techniques In Discrete Time Control System	EEE	Renu Yadav	Prof. A. Njha

## Technical Session IV

### 02:00 PM – 04:30 PM

**Track 1 : CSE, ISE, IT/ AI&DS – 15 papers**

**Track 2 : Civil - 11 papers**

**Track 3 : EEE – 7 papers**

### Track 1 : CSE, ISE, IT/ AI&DS – 15 papers

<u>S.No</u>	<u>Abstract ID</u>	<u>Paper Title</u>	<u>Department</u>	<u>Author</u>	<u>Co Authors</u>
1	ICRTEM_2706547103	Robust Chatbot Application For Student Admission Process	CSE	Kuldeep Vayadande	Pratik Patil
2	ICRTEM_2706590847	Comparative Analysis Of Regression Algorithm For Student Grade Prediction	CSE	Kuldeep Vayadande	Shreya Pawar
3	ICRTEM_2806495023	Centralized Job Portal	CSE	Vijay Gaikwad, Vinay Hasani	Rugvedi Ghule, Vedant Gupta, Sahil Hariyal, Pravin Harne
4	ICRTEM_2906135284	Sugarcane Disease Classification	CSE	Kuldeep Vayadande	Prateek Puranik
5	ICRTEM_0107632785	Classification Of Cervical Cancer	CSE	Kuldeep Vayadande	Atharva Patilpate
6	ICRTEM_1007915846	Crypto Exchange Wallet: Software Development Lifecycle	CSE	Saurabh Jadhav	Prof. Swati Jadhav
7	ICRTEM_1507529708	Delphi Migration With Tls Encryption	CSE	Shagufta S	Dr. Ramakanth Kumar P



8	ICRTEM_3007352914	Lane And Curve Detection System For Autonomous Car	CSE	Shrishailappa Patil	Ashwini Patil
9	ICRTEM_0908371809	Analysis On Network Intrusion Detection Using Machine Learning Algorithms	CSE	Punyashree B	Shalparni P Y
10	ICRTEM_0908736541	Detection Of Phishing Attack In Cryptocurrency Using Different Machine Learning Algorithms	CSE	Amulya.R,Sushma.D	Rakshitha.P,Dr R.Ashok Kumar
11	ICRTEM_1108201487	Alerting Drowsy Driver By Detecting Eye, Yawn And Head Movements Using Mt-Cnn	CSE	Soundarya M	Alli P
12	ICRTEM_1208670859	Automatic Music Recommendation Based On Face Recognition Using Tree Cnn And Other Features	CSE	Jayamalar S	Alli P
13	ICRTEM_2407610537	An Enhanced Cnn For Handwritten Tamil Character Recognition Using Adam Optimizer	CCE	Babitha Lincy R	Jency Rubia J, Sherin Shibi C
14	ICRTEM_2507687213	Design & Finite Element Analysis Of Pressure Vessel Using Ansys	Robotics	Mr. Kunal Khadke	Dr. Dinesh Chawde
15	ICRTEM_1508354689	An Efficient Two Phase Intrusion Detection System (Ids) Using Deep Learning Techniques	CSE	Sathishkannan R	Premalatha
16	ICRTEM_1308264578	A Study On Blood Pressure Monitoring For Lifestyle Changes	IT	Sivakarathi G	Dr.R.Perumalraja

## Track 2 : Civil - 11 papers

<u>S.No</u>	<u>Abstract ID</u>	<u>Paper Title</u>	<u>Department</u>	<u>Author</u>	<u>Co Authors</u>
1	ICRTEM_0906807923	Battery technology for Green transportation	Energy	Shashank Kumar Jha	Mukesh Kumar, Dr.Bishnu Mohan Jha
2	ICRTEM_1306692417	Scenario of Reactive Power Management Using FACTS Devices and HVDC in Indian Renewable Energy	Energy	Pawan Kumar	Shashank Kumar Jha, Chakrapani Gandikoti, Dr.Bishnu Mohan Jha

3	ICRTEM_1506872450	Evaluation of Hydrodynamic pressure in reservoir adjacent to concrete gravity dam using finite element technique	Civil	SANTOSH KUMAR DAS	KALYA KUMAR MANDAL, ARUP GUHA NIYOGI
4	ICRTEM_2006058491	Study of Typology and Vitality of Parks for Sustainable Development of Cities	Architecture	Niva Turna	Harveen Bhandari
5	ICRTEM_2006963180	Determining Effects of New Expansions in Existing Urban Pattern of Patiala City, Punjab	Architecture	Shaffali Joshi	Manmohit Singh
6	ICRTEM_2106198765	Geohazard in India and the Role of Geotechnical Engineering in Georisk Reduction	Civil	Rupali Sarmah	Yoichi Watabe
7	ICRTEM_2007803429	Factors Influencing Organizational Structure for Highway Construction Project Performance Improvement	Civil	Sohan Rajendra Kolhe	Dr. Pankaj P. Bhangale
8	ICRTEM_2507178592	Comparison of Dynamic Wind Load using Indian and International Standards with Case-study	Civil	Akshita Jadhav	Vikita Bora
9	ICRTEM_0108126397	Enhancement of Seismic Response of Multistory Base Isolated Building Equipped with Tuned Mass Damper.	Civil	Miss. Supriya R. Dhekale	Miss. Ankita P. Thorat
10	ICRTEM_0808710582	Sustainable Development of Indian smart cities and their focus on resilient growth: A policy review	Environment	Anurita Bhatnagar	Dr. Deepak Bajaj
11	ICRTEM_1408401369	Seismic and Wind analysis of different lateral load resisting systems	Civil	Prof. Vrunda Agarkar	Madhav Jadiya

### Track 3 : EEE – 7 papers

<u>S.No</u>	<b>Abstract ID</b>	<b>Paper Title</b>	<b>Department</b>	<b>Author</b>	<b>Co Authors</b>
1	ICRTEM_2106371958	Iot Based Smart Industrial Panel Using Python For Speed Control And Monitoring Of Dc Motor	EEE	Rupali Sarmah	Shovanand Chaudhary
2	ICRTEM_2506852970	Application Of Ieho For Optimization Of Operation Cost Of Grid-Connected Microgrid With Energy Storage	EEE	Mrs.Kalyani Kurundkar	Dr.Mrs.Geetanjali Vaidya

3	ICRTEM_2906956231	A Novel Approach To Embedded System Design For Electrical Power Conservation Through Flexible Ac Transmission Using Tsc(Thyristor Switch Capacitor)	EEE	Harshita Vs	Sushma Mn
4	ICRTEM_2906479316	Home Security And Automation System	EEE	Abdul Zelani	Ashish Yadav
5	ICRTEM_2206975384	Design And Implementation Of Automatic Fire Extinguisher Using Acoustic Sound Waves	EEE	Akash Kumar Singh	Gagan Kumar
6	ICRTEM_1407812397	Development Of Virtual Reality Based Experimentation Of Digital Electronics Laboratory	EEE	Preethi S	Mohana Lakshmi J
7	ICRTEM_1108469012	Occupancy Detection In Smart Buildings	EEE	N.Sivasankari	Dr.P.Rathika

### **4.30 PM – 5.00 PM : Valedictory Session**

**Thanks for your participation, share your feedback with us.,**