



Department of
**Electrical and
Electronics
Engineering**

International Web Conference on **Engineering, Science and Technology** (IWEST 2020)

Tuesday, 30 June 2020 | 9 am to 5 pm
Online session Via **Google Meet**

About the Conference

The International Web Conference on Engineering, Science and Technology (IWEST 2020) is an interdisciplinary forum for technical discussions and cross-border learning. IWSET 2020 is a platform to UG/PG students, Faculties, Research Scholars and Industry People for the promotion of their original research.

Registration Details

- No Registration Fee.
- Prepare *Abstract* and *Full paper* as per IEEE format.
- *E- Certificate* for Participation.
- ISBN *book chapter* for conference publication.

Important Dates

Abstract and Registration : 20 June 2020

Full paper submission : 25 June 2020

Intimation of Selection : 27 June 2020

Register @
<https://bit.ly/IWEST2020>

Convenor

Dr. K. Malarvizhi,
Professor and Head/ EEE

Coordinators

Mr. T. Viswanathan AP / EEE
Mr. S. Suryaprakash AP / EEE

 9566625001, 9894065306 for further queries



KUMARAGURU
college of technology
KARAIKUDI

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Department of
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Schedule

EXPANSE 1 : ELECTRONICS

Time (in IST)	PAPER IDs	No of Papers	Google Meet Link	Panel Members
9 AM – 10:30 AM	IWEST003, IWEST022, IWEST025 IWEST029, IWEST051, IWEST052 IWEST053	7	https://meet.google.com/jxq-dtqv-vnr	Mr. M. Mathankumar Mr. T. Viswanathan

EXPANSE 2 : TECHNOLOGY

Time (in IST)	PAPER IDs	No of Papers	Google Meet Link	Panel Members
9 AM – 10:30 AM	IWEST012 , IWEST023, IWEST027, IWEST028, IWEST033, IWEST056 IWEST058	7	https://meet.google.com/zz-w-zjxp-jxa	Mr. S. Suryaprakash Mr. C. Sasikumar

EXPANSE 3 : POWER

Time (in IST)	PAPER IDs	No of Papers	Google Meet Link	Panel Members
11 AM – 12:30 PM	IWEST015, IWEST021, IWEST035 IWEST036, IWEST046, IWEST047	6	https://meet.google.com/jpr-ewpr-cgm	Dr. N. Vinothkumar Mr. T. Viswanathan

EXPANSE 4 : EMBEDDED

Time (in IST)	PAPER IDs	No of Papers	Google Meet Link	Panel Members
11 AM – 12:30 PM	IWEST011, IWEST019, IWEST030 IWEST034, IWEST038, IWEST042 IWEST059	7	https://meet.google.com/yzk-feno-nxz	Mr. M. Mathankumar Mr. S. Suryaprakash



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S.No	Paper ID	EXPANSE	Title of the Research Paper	Name of the Presenter	Institution Name
1	IWEST003	ELECTRONICS	COIL ANTENNA DESIGN FOR INDUSTRIAL AND SCIENTIFIC APPLICATIONS	MR. MEHABOOB MUJAWAR	Goa college of Engineering
2	IWEST011	EMBEDDED	IOT BASED CONTROLLING OF HYBRID ENERGY SYSTEM BY USING ESP 8266	SHAIK. NAGULMEERAVALI	Prakasam Engineering College, Kandukur
3	IWEST012	TECHNOLOGY	A STUDY OF DIFFERENT CORONAVIRUS DISEASE MODELS WITH SPECIAL WITH REPRODUCTION NUMBER	Dr. Krishna Pada Das	Mahadevananda Mahavidyalaya, Barrackpore, Kolkatta
4	IWEST015	POWER	THE SOLUTIONS OF QUATERNIONIC MODIFIED DIRAC ENERGY-MOMENTUM EQUATION	BHUPESH CHANDRA CHANYAL	G. B. Pant University of Agriculture & Technology Pantnagar, Uttarakhand,
5	IWEST019	EMBEDDED	EMBEDDED INTELLIGENT TRAFFIC LIGHT CONTROL FOR AMBULANCE AND PUBLIC	TAMILARASI R	IRT POLYTECHNIC COLLEGE, CHENNAI
6	IWEST021	POWER	EFFECTIVE METHOD OF REGENERATIVE BRAKING SYSTEM WITH POWER MONITOR	SABAPATHI.T	SRI RAMAKRISHNA ENGINEERING COLLEGE, COIMBATORE
7	IWEST022	TECHNOLOGY	IMPACT OF TERAHERTZ TECHNOLOGY ON MEDICAL APPLICATIONS	DIVYA SINGH	RAJDHANI COLLEGE, UNIVERSITY OF DELHI

S.No	Paper ID	EXPANSE	Title of the Research Paper	Name of the Presenter	Institution Name
8	IWEST023	TECHNOLOGY	ATTENDANCE MONITORING SYSTEM FOR SECONDARY AND HIGHER EDUCATIONAL INSTITUTIONS IN THE PHILIPPINES WITH AN INCLUSION OF OPTIMIZATION QUERY ALGORITHM	ARMAN BERNARD G. SANTOS	Asiatech-Sta. Rosa, City of Sta. Rosa Laguna, Philippines
9	IWEST025	ELECTRONICS	A SURVEY OF RESEARCH IN MACHINE LEARNING IN EDUCATION	LAKSHMI.S	Sri Adi Chunchanagiri Women's College, Cumbum
10	IWEST027	TECHNOLOGY	SECURED AQUA DISTRIBUTION SYSTEM	NAVEEN N	Sri Ramakrishna Engineering College, Coimbatore
11	IWEST028	TECHNOLOGY	IMPLEMENTATION OF FINGERPRINT MATCHING IN GNU OCTAVE	SARITHA K NAIR	Mar Athanasius College (Autonomous) Kothamangalam, Kerala
12	IWEST029	ELECTRONICS	PEDESTRIAN SAFETY DEVICE IN AUTOMOBILES	SHRUTHI R	Sri Ramakrishna Engineering College, Coimbatore
13	IWEST030	EMBEDDED	Smart Bidirectional Net Metering System with Theft detection	NandhaKumar S G	Sri Ramakrishna Engineering College, Coimbatore
14	IWEST033	TECHNOLOGY	Technology of Educational Games for Support in Physics Learning : A Review	SURITNO FAYANTO	Ahmad Dahlan University, Yogyakarta, Indonesia
15	IWEST034	EMBEDDED	Development of biosensor/chemi-sensor based on conductive polypyrrole composite film	WAHEED ABIODUN ADEOSUN	, King Abdulaziz University, Jeddah, Kingdom of Saudi Arabia
16	IWEST035	POWER	Quad Wheel Steer Electric Vehicle	MANOJKUMAR S	Sri Ramakrishna Engineering College, Coimbatore
17	IWEST036	POWER	A REVIEW ON FAULT DETECTION TECHNIQUES OF POWER TRANSFORMER BY DISSOLVED GAS ANALYSIS	PRIYANKA SONI	Shri Shankracharaya Group of Institutions Bhilai

S.No	Paper ID	EXPANSE	Title of the Research Paper	Name of the Presenter	Institution Name
18	IWEST038	EMBEDDED	SMART DIGITAL METER	ABINAYA.I	SRI RAMAKRISHNA ENGINEERING COLLEGE, Coimbatore
19	IWEST042	EMBEDDED	IMAGE ENHANCEMENT USING ROLLING GUIDANCE FILTER	K. KANNAN	KAMARAJ College of Engineering and Technology, Madurai
20	IWEST046	POWER	APPLICATIONS OF MODULAR MULTILEVEL CONVERTERS: A REVIEW	SHALINI ROY	Shri Shankracharaya Group of Institutions Bhilai
21	IWEST047	POWER	TECHNICAL AND ECONOMIC ANALYSIS OF A PV/DIESEL/BATTERY HYBRID ENERGY SYSTEM FOR POWERING RURAL HEALTHCARE FACILITY LOAD.	JAMIU OMOTAYO OLADIGBOLU	KING ABDULAZIZ UNIVERSITY, JEDDAH, SAUDI ARABIA
22	IWEST051	ELECTRONICS	WATER QUALITY MONITORING AND PURIFICATION	V.Aishwariya	Sri Ramakrishna Engineering College, Coimbatore
23	IWEST052	ELECTRONICS	Novel Perspectives in Computational Forensics-Trends, Opportunities, Future Challenges	MANAS KUMAR YOGI	Pragati Engineering College(Autonomous),Surampalem, A.P.
24	IWEST053	ELECTRONICS	WIRELESS HEALTH MONITORING SYSTEM FOR REMOTE PATIENT	G.VINOTH KUMAR	SRM Institute of Science and Technology, Ramapuram campus Chennai,
25	IWEST056	TECHNOLOGY	SENSOR BASED WATER QUALITY MONITORING SYSTEM	SARANYADEVI G	SRM Institute of Science and Technology, Ramapuram campus Chennai,India
26	IWEST058	TECHNOLOGY	Ontologies in the Context of Intelligence systems for Big Data	SAJIDA MHAMMEDI	Slimane University, ENSA Khouribga, Morocco,
27	IWEST059	EMBEDDED	SMART AGRICULTURE MONITORING USING INTERNET OF THINGS	GEETHA SUSHMA K	SRM Institute of Science and Technology, Bharathi Salai, Ramapuram, Chennai



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PARTICIPANTS DETAILS

No of Papers Received	Outside India	Outside Tamil Nadu	Inside Tami Nadu
62	12	21	29

SCRUTINY DETAILS

Rubrics		Members															
<table><tr><th><u>Parameters</u></th><th><u>Marks</u></th></tr><tr><td>Plagiarism < 10 % (Mandatory)</td><td>10</td></tr><tr><td>Innovation</td><td>20</td></tr><tr><td>Novelty</td><td>20</td></tr><tr><td>Results</td><td>20</td></tr><tr><td>Concept & Explanation</td><td>20</td></tr><tr><td>Documentation</td><td>10</td></tr><tr><td>Total</td><td>100</td></tr></table>	<u>Parameters</u>	<u>Marks</u>	Plagiarism < 10 % (Mandatory)	10	Innovation	20	Novelty	20	Results	20	Concept & Explanation	20	Documentation	10	Total	100	Dr. N. Vinothkumar AP/EEE Mr. M. Mathankumar AP/EEE Mr. C. Sasikumar AP/EEE Mr. S. Suryaprakash AP/EEE Mr. T. Viswanathan AP/EEE
<u>Parameters</u>	<u>Marks</u>																
Plagiarism < 10 % (Mandatory)	10																
Innovation	20																
Novelty	20																
Results	20																
Concept & Explanation	20																
Documentation	10																
Total	100																

SELECTED PARTICIPANTS

No of Papers Selected	Outside India	Outside Tamil Nadu	Inside Tami Nadu
27	05	09	13

REPORT ON



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The International Web Conference on Engineering, Science and Technology (IWEST-2020) is conducted on 30 June 2020. Around 62 paper were selected and 25 paper were presented through Google Meet.

Google Meet Link:

<https://drive.google.com/file/d/1yKMwfNFbabGH647d1ap2BxNoVZv56f7p/view?usp=sharing>

https://drive.google.com/file/d/1c_m5_r0-AxW8ipKN8kgIc-pm4E6-gDcm/view?usp=sharing

REC

Kumar Vikrant is presenting

VELMURUGAN C and 4 more

10

12:54 PM

You

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Raghav Gupta

S

SARAVANAN D

KCT - Coursera Meet

Turn on captions

Kumar Vikrant is presenting

REC

Sartha Physics is presenting

Results

- We made use of MATLAB code* for image enhancement and minutiae extraction with slight modifications made at the image acquisition stage to get it run in GNU Octave.
- The sample fingerprints before and after image enhancement and thinning are shown.

Before

After

Before

After

*Roem Mustafa Ahmad Adani, "Fingerprint Entering System," Dissertation, July 2008.
Implementation of Fingerprint Matching in GNU Octave - Sartha K Nair

Sartha Physics

Suryaprakash S (You)

NAVEEN N





sajida mhammedi

Sartha Physics (Presentation)

Sartha Physics

Sartha Fayanto

REC Suritno Fayanto is presenting




International Web Conference on Engineering, Science and Technology


Technology of Educational Games for Support in Physics Learning : A Review

Suritno Fayanto, Hunaidah, Erniwati


India, Juni 30st, 2020



Saritha Physics



NAVEEN N



Suritno Fayanto is presenting

KCT-IWEST2020-EXPANSE 2 : TE... X

People (5) Chat

You 8:54 AM
Dear Presenters, Presentation will start by 9.00 AM. Make yourself ready with presentation.

Feedback Link:
<https://forms.gle/7u2s6pNdrLFUxxpJ9>