

Past Conference Report

International Conference on

**Advanced Computing and
Communication Technology**

(ICACCT -2021)

Organized By

Francis Xavier Engineering College & IFERP

Tirunelveli, Tamil Nadu

06th – 07th May 2021

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1. EVENT SUMMARY

Conference Name: International Conference on Advanced Computing and Communication Technology (ICACCT - 21)

Date: 06th - 07th May 2021

Conference Theme:

Auspice Organizations: Department of Information Technology, Francis Xavier Engineering College, Tirunelveli

Mode/Place: Virtual Conference

No of Delegates: 60 Delegates registered for the conference.

1.1 OVERVIEW

ICACCT 2021 Organized By FXEC &IFERP Was Held on 6th And 7th May 2021 As Virtual Conference And It Was Held Under The Auspices Keynotes Mr. Dhananjay Singh, Vice President, Engineering at eGovernments Foundation, Bangalore Urban, Karnataka, Dr. Richard Sinnott, Director, eResearch University of Melbourne, Greater Melbourne Area, Oscar Correia, IT Director at Maarifa Education, Kenya And Prof. Eduard Babulak, Honorary Chair, Chief Mentor & Senior Advisor, Core Advisory Committee at the World Assessment Council, Lynchburg, Virginia, United States

The theme of this conference revolves around bringing engineering, technology and science research areas synchronically on an indivisible platform. This conference will draw collectively research fellowships from diverse fields in unitedness, to share their research findings and latest ideas. The main intention of this conference is to integrate interdisciplinary inquiry to deliver the best applications

The Conference Attracted 60 Authors Of Various Fields To Come Forward To Register For ICACCT 2021 , Which Includes Students, Faculties, Research Scholars From Various Departments Of Various Categories Like UG &PG Students, Researchers, Technical Persons From Industries, Professors &Heads And So On. Most Of The Presentations Were Adhered With advancement in computing and communication technology

1.2 Conference Theme

The theme of this conference revolves around bringing engineering, technology and science research areas synchronically on an indivisible platform. This conference will draw

collectively research fellowships from diverse fields in unitedness, to share their research findings and latest ideas. The main intention of this conference is to integrate interdisciplinary inquiry to deliver the best applications.

2. ABOUT THE CONFERENCE

International Conference on Advanced Computing and Communication Technology - 2021(ICACCT' 21) aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Engineering Technology and Innovation. Now-a-days the academia and researchers are not only pondering but also experiencing the overwhelming outcomes of interdisciplinary researches. Moreover, it has been ubiquitously encouraged by the governments, research agencies and by the academic institutions. The context of the conference is to foster as well as exaggerate the research culture among academia and industry facilitated by sprinkled out ideas by exchange of the intellect during conduct of the conference. Furthermore, the intent of the activity is to let the participants acquaint with transcendental growth, recent trends, innovations and security issues involved in the domain of communication technologies, high performance computing, big data, social media, hardware & software design, advanced software engineering, Internet of Things (IoT), e-governance etc. and their impact on societal applications through various brainstorming sessions. The conference will facilitate the young researchers, industries and research agencies especially, those, who are carrying out their research work in the aforesaid domain of Computer Science, Information Technology, Electronics and Communication Engineering with valuable discussions in order to make the outcomes more realistic.

3.CONFERENCE SCOPE

STUDENTS:

- ICACCT 2021 will be a perfect platform for Students to express their innovative thoughts and unique research work at a global platform.
- ICACCT 2021 will provide scopes to Students to meet and interact with International Speakers and Scientists of National importance. Students can interact with session chairs related and working on relevant fields of their research.
- To further redefine their innovations Students can consider the advices and technical suggestions of our chairs.
- Students can publish their articles in reputed journals of International importance. Journals associated with ICACCT conference are published in UGC, Scopus and Academia.

- Articles presented at ICACCT 2021 will be available for citation at reputed Scientific repositories like Science Direct, Research pedia and Academic library.

INDUSTRIAL PROFESSIONALS:

- ICACCT 2021 will create a bridge between Industrial professionals and Academic professionals which leads to exchanging of approaches and ideas about technological innovations.
- ICACCT 2021 will provide a platform to Industrial professionals to exhibit their recent researchers which help to drive the global world.
- To further redefine their innovation technologies they can consider the advices and technical suggestions of our highly experienced chair persons.
- Industrial professionals can publish their articles in reputed journals of International importance. Journals associated with ICACCT conference are published in UGC, Scopus and Academia.
- Articles presented at ICACCT 2021 will be available for citation at reputed Scientific repositories like Science Direct, Research pedia and Academic library.

FACULTY:

- ICACCT 2021 will be a perfect platform for Faculties, Professors, academicians to express their innovative thoughts and unique research work at a global platform.
- ICACCT 2021 will provide scopes to faculties to meet and interact with International Speakers and Scientists of National importance. Professors can interact with session chairs related and working on relevant fields of their research.
- To further redefine their innovations professors can consider the advices and technical suggestions of our chairs.
- Faculties can publish their articles in reputed journals of International importance. Journals associated with ICACCT conference are published in UGC, Scopus and Academia.
- Articles presented at ICACCT 2021 will be available for citation at reputed Scientific repositories like Science Direct, Research pedia and Academic library.

4.INAUGURAL PROGRAMME

The day 1 of the conference started with welcoming all the participants, dignitaries and special guest for the conference followed by the proceedings book release and introduction of session chair for the technical sessions. And then opening speech, welcoming speech were conducted.

Post to that, our valuable eminent keynote speakers from various parts of the country given their speeches followed by the technical session. On Day 1, technical sessions segregated as two sessions. Multiple technical participants were presented on Day 1 and completed the day 1 conference successfully.

The day 2 of the conference started by welcoming all participants, dignitaries and special guests followed by the technical participants. On Session 1 and 2, multiple technical participants had presented their views based upon the theme of conference. Post completion, our honourable dignitary delivered the Valedictory speech followed by Vote of thanks. All together the IC – ESSU conference conducted on May 06th & 07th was arranged and completed successfully.

Inaugural Agenda for Conference

Day -1 (06/05/2021) Schedule

9:30AM to 9:35AM	Prayer by Ms.Monica Esther, AP/IT, FXEC
9:35AM to 9:45AM	Welcome Address by Dr.Jainul Fathima, AP/IT, FXEC
9:45AM to 9:50AM	About College - Video
9:50AM to 9:55AM	About the Conference by Prof.G.Prince Devaraj, HOD/IT, FXEC
9:55AM to 10:05AM	Message by the Principal, Dr.Velmurugan, Francis Xavier Engineering College
10:05AM to 10:15AM	Message by the General Manager Development , Dr.Jeyakumar, SCAD Group of institutions.
10:15AM to 10:30AM	Message by the Professor Academics , Dr.L.R.Priya, Francis Xavier Engineering College
10:30AM to 10:35AM	Key note speaker 1 introduction by IFERP
10:35AM to 11:20AM	Oscar Correia IT Director at Maarifa Education Kenya
11:20AM to 11:25AM	Thanks to Keynote speaker by IT Faculty

11:25AM to 11:35AM	Key note speaker 2 introduction by IFERP
11:35AM to 12:20PM	Dr. Richard Sinnott Director eResearch University of Melbourne Greater Melbourne Area
12:20PM to 12:25PM	Thanks to Keynote speaker by IT Faculty
12:25PM to 12:30PM	Session Plan
12:30PM to 1:15 PM	Lunch Break
1:15 PM to 1.30 PM	Introduction of Internal session chair Dr.T.C.Subbulakshmi, Prof/IT, FXEC & Dr.Bhupesh Kumar, Professor Faculty of Computing and Software Engineering Arba Minch University Ethiopia
1.30 PM to 03:00PM	Session1: 10 Mints to each paper
03:10PM to 03:20PM	Introduction of session chairs Dr.Bhupesh Kumar, Professor Faculty of Computing and Software Engineering Arba Minch University Ethiopia & Dr.Lakshmi Narayanan .K, Asso.Prof/CSE, FXEC
03:20PM to 04:15PM	Session 2: 10 Mints to each paper
04:15PM to 04:25PM	Remarks by Session Chairs
04:25PM to 04:30PM	Closing of Day 1

Day -2 (07/05/2021) Schedule

9:30AM to 9:35AM	Introduction of Keynote speaker 3 by IFERP
9:35AM to 10:20AM	Mr. Dhananjay Singh Vice President Engineering at eGovernments Foundation, Bangalore Urban, Karnataka
10:20AM to 10:25AM	Introduction of session chairs Karthik Kovuri Associate Dean / Associate Professor(CSE) B.V. Raju Institute of Technology, Narsapur, AP. & Dr.A.Anitha, Prof/IT, FXEC
10:25AM to 1.30 PM	Session – 3 10 Mints to each paper
	Remarks by Session chairs
1.40 PM to 3:45PM	Introduction of session chair Dr.M.Caroline Viola Stella Mary, Prof/IT,FXEC & Dr, Karthik Kovuri Associate Dean, Associate Professor(CSE) B.V. Raju Institute of Technology, Narsapur, AP
	Session 4: 10 Mints to each paper
4.00 PM to 4.30 PM	Introduction of Speaker of the Valedictory Prof. Eduard Babulak Honorary Chair, Chief Mentor & Senior Advisor
	Core Advisory Committee at the World Assessment Council Lynchburg, Virginia, United States Valedictory Speech
	Vote of Thanks by Dr.J.B.Shajilin Loret, Asso.Prof/IT, FXEC

4.1 Welcoming and Opening Ceremony

The respective opening speech and the Welcoming Speech was given by these dignitaries:



Dr.S.Cletus Babu, PhD

Hon'ble Chairman,FXEC

Message from Hon'ble Chairman

I am pleased to welcome you to the International Conference on Advanced Computing and Communication Technology (ICACCT' 21) to be held on 06th -07th May, 2021 at Francis Xavier Engineering College (Autonomous), Tirunelveli in association with Institute For Engineering Research and Publication (IFERP), Chennai.

The intent of any conference is not only to discuss lively and emerging issues of a particular domain but also dissemination of the awareness among other learned folks. Over the years, dramatic improvements have been made in the field of Advanced Computing and Communication Technologies. I hope ICACCT' 21 will become surely the most important International conference dedicated to bring out latest trends in Computer Engineering and Technology.

In order to provide an outstanding technical level for the presentations at the conference, we have invited distinguished experts to participate in the Technical Programme Committee. I hope ICACCT' 21 will make you aware of state-of-the art systems and provide a platform to discuss various design issues and challenges.

Welcome message from Managing Director, FXEC



Er. C. Arun Babu
Managing Director, FXEC

It is a great pleasure and an honor to extend to you a warm invitation to attend the International Conference on Advanced Computing and Communication Technology (ICACCT' 21) to be held on 06th -07th May, 2021 at Francis Xavier Engineering College (Autonomous), Tirunelveli in association with Institute For Engineering Research and Publication (IFERP), Chennai.

The ICACCT' 21 Conference will provide a wonderful forum for you to refresh your knowledge base and explore the innovations in Computing and Technology. The Conference will strive to offer plenty of networking opportunities, providing you with the opportunity to meet and interact with the scientists and researchers.

I feel this ICACCT' 21 conference is important to reiterate the need to translate Engineering & Technology into knowledge to help overcome societal challenges.

Welcome message from General Manager, FXEC



Dr.K.Jeyakumar

General Manager (Development)
SCAD Group of Institution, Tirunelveli

The International Conference on Advanced Computing and Communication Technology - 2021(ICACCT' 21) aims to respond to the needs and aspirations of a rising global environmental issues with a theme Advanced Computing and Communication. ICACCT' 21 provides an opportunity for the meeting of International Researchers, Engineers, Scientists, and specialists in the various research and development fields of Engineering and Technology.

This conference offers a premise for global experts to gather and interact intensively on the topics of Electronics and Communication, Computer Science and Information Technology. I am privileged to say that this conference will definitely offer suitable solutions to the global issues.

I would like to express my appreciation to the organizing committee for their dedicated efforts to materialize the conference. I hope all the participants will have a fruitful and beneficial experience. Eventually I express my special thanks and appreciation to all.

Welcome message from Principal, FXEC



Dr.V.Velmurugan
Principal, FXEC, Tirunelveli

It is my great delight to welcome you to the International Conference on Advanced Computing and Communication Technology -2021(ICACCT' 21) to be held on 06 th -07th May, 2021 at Francis Xavier Engineering College (Autonomous), Tirunelveli in association with Institute For Engineering Research and Publication (IFERP), Chennai. The idea to host the ICACCT' 21 in FXEC, Tirunelveli is to bring together Researchers, Scientists, Engineers, Scholars and Students in the areas of Information Technology, Computer Science, Electronics and Communication Engineering

The ICACCT' 21 Conference will foster discussions and hopes to inspire participants from a wide array of themes to initiate Research and Development and collaborations within and across disciplines for the advancement of Technology.

The various thematic sessions will showcase important technological advances and highlight their significance and challenges in a world of fast changes. I welcome all of you to attend the plenary sessions and oral presentations and invite you to interact with the conference participants.

5. Keynote Speakers



Mr. Dhananjay Singh

Vice President

Engineering at eGovernments Foundation, Bangalore Urban, Karnataka

MESSAGE:

I am honored to be part of “ICACCT 2021” organized by IFERP and Francis Xavier Engineering College.

Great to see people from the different corners of the globe come together and make Engineering impactful for our life and next generations. Today we can not imagine life without Engineering disruptions and it has become integral part of our life.

I am delighted to see the topics for the Papers. It’s like ICACCT 21 has everything covered from the Engineering point of view. You name it and you will find the field of interest in the Papers topic.

My message to all participants is to keep two things in mind when you design your thoughts into Engineering- First one is Platform Thinking where people can come and contribute to your idea as a Platform and Second thing is Impact on Citizen’s life.

I would like to extend my thanks to all participants who have joined ICACCT 21 conferece to make our future better with Engineering Disruptive ideas.

Thanks and Regards,

Dhananjay Singh

VP- Engineering | Innoviti Payments Solutions



Dr. Richard Sinnott

Director eResearch University of Melbourne
Greater Melbourne Area

Professor Richard O. Sinnott is Professor of Applied Computing Systems at the University of Melbourne. He has been technical lead on a multitude of large-scale international projects with emphasis on security worth over \$500m. This includes numerous projects in the defence, intelligence and biomedical domains. He has over 400 peer-reviewed publications across a range of computing and application-specific domains.



Oscar Correia

IT Director at Maarifa Education
Kenya

MESSAGE

Dear Sir / Madam,

I would like to thank the organizers of the conference for Advanced Computing and Communication Technology at Francis Xavier Engineering College, Tirunelveli, in association with Institute for Engineering Research and Publication for inviting me to your prestigious event on 6th – 7th May 2021 to give a keynote speech.

There are many trends technology I could speak off, but I would like to focus on the impact of just one technology: Artificial Intelligence. It is a technology that has become a highly integral part of our society often without our conscious knowledge. It is important to understand that this technology offers the potential to make more social change, for good or for bad, than any other technology in the history of mankind.

Artificial Intelligence (AI) is not just a subdomain of Information Technology as many people would like to categorize. AI has rapidly combined with mechanical engineering, law, and healthcare to change these fields forever. And beyond just academia and industry, when artificial intelligence is combined with big data and IoT in our complex, socially interconnected world of the 4th Industrial Revolution, it is set to change society in ways we cannot anticipate. I am sure that a lot of other speakers and panelists will speak on the usefulness and importance of AI at this conference in various contexts. I have no intention of overlapping with them and would like to focus on a very specific aspect of AI: the ethics of Artificial

Intelligence. Some of the challenges that AI poses include the risk of bias, the necessity to build and define safety limits in a variety of scenarios often not seen by its original designers, the role of human oversight given the volume and speed of decision making, the ability for humans to understand the logic behind the decisions and how all this power can put at the service of the common good. AI is here to stay. Nevertheless, it calls for a different approach of ethics. It demands that we ensure that some ethical limits and rules are built into our algorithms (algor-ethics), design AI solutions with a diverse set of stakeholders so that biases may be identified and treated throughout its lifecycle, have access to detailed logic of how and why machines make decisions, need to keep humans in the loop especially where there are important decisions to be made and lastly, ensure the education of AI in all domains and just not technical ones.

Yours Sincerely

Oscar Correia

Director of Technology, Maarifa Education Holdings

Deputy Vice Chancellor, Cavendish University Zambia



Prof. Eduard Babulak

Honorary Chair, Chief Mentor & Senior Advisor

Core Advisory Committee at the World Assessment Council

Lynchburg, Virginia, United States

Professor Eduard Babulak, is accomplished international scholar, researcher, consultant, educator, professional engineer and polyglot, with more than thirty years of experience. He served as successfully published and his research was cited by scholars all over the world. He serves as Chair of the IEEE Vancouver Ethics, Professional and Conference Committee. He was Invited Speaker at the University of Cambridge, MIT, Purdue, Yokohama National University and University of Electro Communications in Tokyo, Japan, Shanghai Jiao Tong University, Sungkyunkwan University in Korea, Purdue, Penn State in USA, Czech Technical University in Prague, University at West Indies, Graz University of Technology, Austria, and other prestigious academic institutions worldwide. His academic and engineering work was recognized internationally by the Engineering Council in UK, the European Federation of Engineers and credited by the Ontario Society of Professional Engineers and APEG in British Columbia in Canada. He was awarded higher postdoctoral degree DOCENT - Doctor of Science (D.Sc.) in the Czech Republic, Ph.D., M.Sc., and High National Certificate (HNC) diplomas in the United Kingdom, as well as, the M.Sc., and B.Sc. diplomas in Electrical Engineering Slovakia. He serves as the Editor-in-Chief, Associate Editor-in-Chief, Co-Editor, and Guest-Editor. He speaks 16 languages and his biography was cited in the Cambridge Blue Book, Cambridge Index of Biographies, Stanford Who's Who, and number of issues of Who's Who in the World and America.

Fellow of the Royal Society RSA, London, UK;
Chartered Professional IT Fellow, Mentor and Elite Group Member of British Computer Society, London, UK
Invited Panel Member for National Science Foundation Graduate Research Fellowship Program, USA
Expert Consultant for EU HORIZON2020 & CORDIS FP6 - FP7 European Commission, Brussels, Belgium

Prof. Eduard Babulak

Honorary Chair, Chief Mentor & Senior Advisor
Core Advisory Committee at the World Assessment Council
Lynchburg, Virginia, United States

6. CONFERENCE ORGANIZING COMMITTEE

CHIEF PATRON

Dr. S. Cletus Babu, Founder & Chairman, SCAD Group of Institutions, India

Dr. X. Amali Cletus, Vice Chairperson, SCAD Group of Institutions, India

Er. C. Arun Babu, Managing Director, SCAD Group of Institutions, India

PATRONS

Dr. K. Jeyakumar, General Manager (Development), SCAD Group of Institutions, India

Dr. V. Velmurugan, Principal, Francis Xavier Engineering College, Tirunelveli

Steering Committee Chair

Mr.G.Prince Devaraj, HOD-IT, Francis Xavier Engineering College, Tirunelveli

Convener

Dr.J.B.Shajilin Loret, Associate Professor - IT, Francis Xavier Engineering College, Tirunelveli

Organizing Committee

Dr. R. Ravi. R, Professor - IT, Francis Xavier Engineering College, Tirunelveli

Dr.M.Caroline Viola Stella Mary, Professor - IT, Francis Xavier Engineering College,
Tirunelveli

Dr. T.C.Subbu Lakshmi,Professor - IT , Francis Xavier Engineering College, Tirunelveli

Dr. A.Anitha. A,Professor - IT , Francis Xavier Engineering College, Tirunelveli

Mr. T. Anto Theepak. T,Associate Professor - IT , Francis Xavier Engineering College,
Tirunelveli

Ms. J. Monica Esther. J,Associate Professor - IT , Francis Xavier Engineering College,
Tirunelveli

Mr. D. Joseph Pushparaj,Associate Professor - IT , Francis Xavier Engineering College,
Tirunelveli

Ms. S. Agnes Joshy. S,Associate Professor - IT , Francis Xavier Engineering College,
Tirunelveli

Ms. M. Westring Hannah. M,Associate Professor - IT , Francis Xavier Engineering
College, Tirunelveli

Dr. R. Tino Merlin,Associate Professor - IT , Francis Xavier Engineering College,
Tirunelveli

Dr. A.Jainul Fathima,Associate Professor - IT , Francis Xavier Engineering College,
Tirunelveli

6.1 National Advisory Committee



Dr. Balakrishnan. S

Professor, Computer Science & Business System
Sri Krishna College of Engg & Technology
Tamil Nadu , India



Dr. Dola Sanjay.S

Principal, Academic Monitoring Role
Ramachandra College of Engineering
Andhra Pradesh , India



Prof. DEENADAYALAN

Professor / Prinicpal , Mechanical Engineering
Meenakshi College of Engineeirng.
Tamil Nadu , India



Ananth J P

Professor, Computer Science And Engineering
Sri Krishna College of Engineering and Technology
Tamil Nadu , India



Dr. K. S. Shivaprakasha

Professor, Electronics & Communication Engineering
N.M.A.M. Institute of Technology
Karnataka , India



Dr. K. Saravanan

Assistant Professor & Head, Computer Science Engineering
Anna University Regional Campus
Tamil Nadu , India



Dr. Kalaivazhi vijayaraghavan

Professor & Head, Computer Science Engineering
Anjalai Ammal Mahalingam Engineering College
Tamil Nadu , India



Dr. M.Srinivasa Sesa Sai

Professor, Computer Science Engineering
KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES
Andhra Pradesh , India



Dr. S.Md. FAROOQ

Associate Professor & Head, Computer Science Engineering
Santhiram Engineering College



Dr. Sasikumar Gurumoorthy

Professor, Computer Science Engineering
Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
Tamil Nadu , India



Dr. V. JAMUNA

Dean, Professor And Head , EEE
Jerusalem College of Engineering
Tamil Nadu , India



Dr.K.Ruba Soundar

Professor & Head, Computer Science Engineering
P..S.R. Engineering College
Tamil Nadu , India



Dr.Karthik Kovuri

Associate Dean / Associate Professor, Computer Science Engineering
B.V. Raju Institute of Technology
Andhra Pradesh , India



Dr.Katta Subba Rao

Professor, Computer Science Engineering
B.V.Raju Institute of Technology
Andhra Pradesh , India



Dr.R.NEDUCHELIAN

Professor & Head, Computer Science Engineering
Karpaga Vinayaga College of Engineering and Technology
Tamil Nadu , India



Dr.Rameshwar Kawitkar

Professor, Electronics & Telecommunication Engineering
Sinhgad College of Engineering
Maharashtra , India



Dr.T.Rammohan

Professor, Electrical & Electronics Engineering
Karpagam College of Engineering
Tamil Nadu , India



Dr.V.Saravanan

Professor & Head, Electrical & Electronics Engineering
Arunai Engineering College
Tamil Nadu , India



DR.VEERAGANGADHARA SWAMY T.M

Professor, Computer Science Engineering
RYM Engineering college
Karnataka, India



N VIVEKANANDAN

Scientist,
CENTRAL WATER AND POWER RESEARCH STATION
Maharashtra , India



Dr. Vishnu Rajan

Associate Professor & Head, Electronics & Communication Engineering
Sahrdaya College of Engineering & Technology
Karnataka, India



Dr.C H Renu Madhavi

Associate Professor & Head, Electronics And Instrumentation Engineering
RV College of Engineering
Karnataka, India



Dr.S.RAMA REDDY

Dean, Academic Monitoring Role
RAJALAKSHMI ENGINEERING COLLEGE
Tamil Nadu , India



Dr.J.NITHYASHRI

Professor, Computer Science And Engineering
Karpaga Vinayaga College of Engineering
Tamil Nadu , India



Dr.P. KARUPPASAMY

Professor, Electronics & Communication Engineering
P.S.R Engg College
Tamil Nadu , India



Dr.P.OLIVER JAYAPRAKASH

Professor, Civil Engineering
Sethu Institute of Technology
Tamil Nadu, India

6.2 International Advisory Committee



Dr. NAVEEN BALAJI GOWTHAMAN

Post-Doctoral Researcher , Electronics Engineering
Howard College Campus
University of KwaZulu-Natal, South Africa

6.3 Scientific Committee



Dr. Chandrashekhar Shankar Shinde

Assistant Professor, Computer Science Engineering
Dr. J. J. Magdum College of Engineering
Maharashtra , India



Dr. MANGALRAJ.P

Assistant Professor, Computer Science Engineering
VIT - AP
Andhra Pradesh , India



Dr. Rudra Sankar Dhar

Assistant Professor, Electronics & Communication Engineering
National Institute of Technology
Mizoram, India



Dr.S.VIMAL

Assistant Professor, Computer Science Engineering
Ramco Institute of Technology
Tamil Nadu , India



Arpan Deyasi

Assistant Professor, Electrical And Electronics Engineering
RCC Institute of Information Technology
West Bengal, India



B. Ashwath Rao

Assistant Professor, Information Technology
Manipal Institute of Technology,
Karnataka, India



Dr. ALAK MAJUMDER

Assistant Professor, Electronics & Communication Engineering
National Institute of Technology
Arunachal Pradesh, India



Dr. Ashwini K.B

Associate Professor, Master Of Computer Applications
R.V. College of Engineering
Karnataka, India



Dr. CHINMAY CHAKRABORTY

Assistant Professor, Electronics & Communication Engineering
Birla Institute of Technology
Jharkand , India



Dr. S. Ajitha

Associate Professor, Computer Applications
M.S.Ramaiah Institute of Technology
Karnataka, India



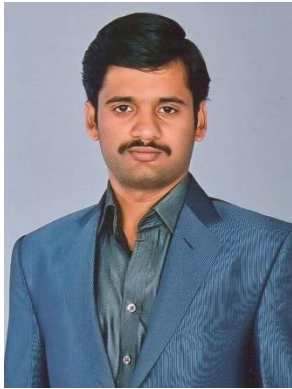
Dr. S.ALAGAMMAL

Associate Professor,
Mepco schlenk engineering college
Tamil Nadu , India



Dr. T. Arumuga Maria Devi

Assistant Professor, Centre For Information Technology And Engineering
Manonmaniam Sundaranar University
Tamil Nadu , India



Dr. BASAVARAJ PATIL

Assistant Professor, Computer Science Engineering / ISE
SDM Institute of Technology
Karnataka, India



Dr. M. Kannan

Assistant Professor, Computer Science And Applications
Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University
Tamil Nadu , India



Dr.N.NANDAKUMAR

Assistant Professor, Electronics & Communication Engineering
KG College of Arts and Science
Tamil Nadu , India



G Poornima

Associate Professor, Electronics & Communication Engineering
BMS College of Engineering
Karnataka, India



Mr. Dheeban S S.

Assistant Professor, Electrical & Electronics Engineering
AAA College of Engineering and Technology
Tamil Nadu , India



R N DEVENDRA KUMAR

Assistant Professor, Computer Science Engineering
Sri Ramakrishna Institute of Technology
Tamil Nadu , India



R. LAVANYA

Assistant Professor, Computer Science Engineering
SRM Unviersity
Tamil Nadu , India



RAMESH C R

Assistant Professor, Electrical And Electronics Engineering
Vidya Academy of Science & Technology
Kerala, India



S. Berlin Shaheema

Assistant Professor, Computer Science Engineering
Annai Vailankanni College of Engineering
Tamil Nadu , India



Dr. GANESH V. KARBHARI

Assistant Professor, TPD
S.P. Pune University
Maharashtra , India



Dr. JASMINE K.S

Associate Professor, Master Of Computer Applications
RV College of Engineering
Karnataka , India



Dr. Nagesh Salimath

System Analyst, Information Science And Engineering
PDA College of Engineering
Karnataka, India



Dr. RASMI P S

Head, Information Technology
Toc H institute of Science & Technology
Kerala, India



Dr. S. V. Viraktamath

Other, Electronics & Communication Engineering
S.D.M. College of Engg. & Technology
Karnataka, India



Dr..S.PERUMAL

Assistant Professor, Mechanical Engineering
Muthayammal Engineering College
Tamil Nadu , India



Dr.M SIVA RAMKUMAR

Assistant Professor, Electrical & Electronics Engineering
Karpagam Academy of Higher Education
Tamil Nadu , India



Siddappaji.M.R

Assistant Professor, Electrical & Electronics Engineering
Sir M Visvesvaraya Institute Of Technology
Karnataka, India



T.MRUNALINI

Assistant Professor, Electronics And Instrumentation Engineering
Kongu Engineering College
Tamil Nadu , India

7. SCIENTIFIC PROGRAM

Conference Schedule - Day 1 (06.05.2021)

9:30 AM (IST)	Inaugural Session
10:35 AM (IST)	Keynote Speech (Speaker 1)
11.35 AM (IST)	Keynote Speech (Speaker 2)
01: 30-03:00 PM (IST)	Session 1 (Technical Sessions)
03: 20-04:15 PM (IST)	Session 2 (Technical Sessions)

Conference Schedule - Day 2 (07.05.2021)

9: 30 AM (IST)	Inaugural Session
9:35 AM (IST)	Keynote Talk (Speaker 3)
10:25 AM-01:30 PM (IST)	Session 3 (Technical Sessions)
01: 40 - 3:45 PM (IST)	Session 4 (Technical Sessions)
04: 00-04:30 PM (IST)	Keynote Talk (Speaker 4)

7.1 Technical Session I

Session Chairs:

- **Dr.T.C.Subbulakshmi, Prof/IT, FXEC**
- **Prof. Dr.Bhupesh Kumar, Faculty, CSE, Arba Minch University**

S.No	Paper Title	Authors	Co Authors
1	RTC Drone: Implementation of Intelligent Autonomous Patrolling Using Round the Clock Drone	Vinay Kumar	Jyoti Agarwal
2	Employee Payslip Application	Ganesh Yenurkar	Himanshu Dehankar
3	Image Mining Hybrid Algorithms on Classifications of Ct Scan Brain Tumor Images	Karthikeyan.J	Dr. C. Jothi Venkateswaran
4	A Comprehensive Survey on Learning Models Used In Sentiment Analysis	Kamal Kumar	Amritpal Singh

5	Topic Detection in Twitter Dataset Using Python	Ganesh Yenurkar	Devashish Nagapure
6	A Novel Approach Towards Video-Ranking Using Intent and Relevance Feedback	Vishal Ramane	Anand Godbole
7	Minimal Spanning Tree for Efficient Clustering	Dr. N. Lakshmi Prasanna	Ms. V. Sai Vaishnavi
8	A Comparative Study of Different Neural Network Models For Identification And Classification Of Diabetic Retinopathy On The Basis Of Severity	Kaushik Ghosh	Sugandha Sharma
9	Intelligent Security Monitoring System with Video Based Face Recognition	Selvamuthukumaran N	Nagalakshmi R
10	A Survey on Order Forecasting Methods	Dev Narayan Sutihar	Divyanshu Jaiswal, Karkala Gaurav Prabhu, Saurav Rijal,
11	Survey on Classification of Insects For Insect-Pest Management Using Computational Entomology	Vaibhavi R Raman	Ullasini S
12	A Technique Using Association Rule Reduction Based Classification for Spatial Data	P.D.Sheenasmart	Dr.K.K.Thanammal
13	Hybrid Technique of Intrusion Detection Classification Model Using Soft Computing	Pooja Agarwal	Prof R K Srivastava
14	Word-Level Analysis of The Impact Caused By Covid-19 On Mental Health	Ms. Srishti Vashishtha	Yukta Yadav, Yukti Agrarwal
15	Prediction Of Parkinson's Disease From Voice Signals Using Machine Learning	Sreeja S R	Manjusha Nair

7.2 Technical Session II

Session Chairs:

- **Dr.Lakshmi Narayanan .K**, Asso.Prof / CSE, FXEC
- **Prof . Dr.Bhupesh Kumar**,Faculty, CSE, Arba Minch University

S.No	Paper Title	Authors	Co Authors
1	Private Cloud Containerization Using Raspberry Pi Network	Sharon Christa I L	Amith Raj Mp, Abhinav Jha, Farhaan Bukhsh, Supritha S Achala
2	Improving The Power Issues Of A Grid Using Statcom	Dr.Prakash Vodapalli	
3	Extractive Text-Image Summarisation In Hindi	Pratik Savla	Sahil Jaiswal
4	Multi-Layer Enhanced Protection Algorithm For Multiple Attacks In Wireless Sensor Detection	A.Suphalakshmi	M.Revathi
5	Determining The Quality And Freshness Of Fruits Using Machine Learning	V.Sampreeth,D.Karthik , R.Sai Prasanna Kumar Reddy	Dr.Sv. Shri Bharathi
6	Filtering Of Unsolicited E – Mail Using Classifiers	Priyanga S	
7	Solar Power Generation System With A Seven Level Inverter	Dr. Prakash Vodapalli	
8	Result Analysis Of Combined Fuel Cell - Battery System Application In The Distribution System To Improve Power Related Issues	Dr. Prakash Vodapalli	
9	Customer Service Ticketing System	Shaikh Zoha	Khan Iqra

10	Security Protocol for Electronic Health Record Using Blockchain	Sonali Hembrom	
11	Smart Band for Women Safety	Susmitha T	Subha R, Vaishnavi M P
12	A Survey on Security Challenges In Mobile Ad Hoc Networks	C. Edwin Singh	Dr. J. Amar Pratap Singh
13	Stock Market Prediction Using Recurrent Neural Networks	Neel Agarwal	Aryan Agarwal
14	Short Descriptive Answer Evaluation Using Word Embedding Techniques	Sreevidhya V	Jayasree Narayan
15	Detection of False Ranking Apps Using Level Aggregation	Jeeva R	N. Muthukumaran
16	Improving The Power Issues Of A Grid Using Statcom	Dr. Prakash Vodapalli	

7.3 Technical Session III

Session Chairs:

- **Dr. Karthik Kovuri**
Associate Dean / Associate Professor (CSE)
B.V. Raju Institute of Technology, Narsapur, AP
- **Dr.A.Anitha**, Prof/IT, FXEC

S.No	Paper Title	Author	Co Author
1	Evaluation Of Network Security On Basis Of Virtualization Techniques In Kali Linux Environment	Prof. Vinit A. Sinha	Dr. Vilas M. Thakare
2	Face Recognition In Video Frames Using Morphological Face Template Grabber	Anil B V	Ravikumar M S
3	Cloud Based Real-Time Weather Monitoring System Using Multi-Hop Communication	Shreyansh Singh	Dr. Sasikumar P

4	Battery Bulge Identification And Avoidance Of Firing System Using An Iot	Mr.G.Karthy	Kambalipuram Sandeep
5	Live Object Detection And Distance Measurement	Kshitij Raghav	Himanshu Sagu
6	A Study On Iot And Cot Based Wearable Healthcare	K. Arthi	Dr.B.Chidhambararajan , Dr. A. R. Revathi
7	Node Mcu Based Landmine Detection Using Wireless Robot	G.Karthy	N.Rahul Bharadwaj
8	Channel Coding And Multiple Access Techniques From 1g To 5g: An Overview	Pavithra B	Parnasree Chakraborty
9	Exam Assisting Robot	Dr.Nirmala Devi	Aishwarya Prakash S,Divya J,Dhivya P
10	Role Of Dc To Dc Converter In Power Quality	Akhila Sripathi	Mounika Goparaju,Jyothi Boda, Shaik Salmaan
11	Design And Analysis Of Homo And Hetero Junction Double Gate Tfet At 40nm For The Iot Core Design	N. Anjani Devi	Sreenivasa Rao Ijjada
12	Design Of Parallel Vlsi Structure For Discrete Hadamard Transform And Signal Analysis	Dr.S.Sasikala	S.R.Nandhini

7.4 Technical Session IV

Session Chairs:

- **Dr. Karthik Kovuri**
Associate Dean / Associate Professor(CSE)
B.V. Raju Institute of Technology, Narsapur, AP.Prof .
- **Dr.M.Caroline Viola Stella Mary**, Prof/IT,FXEC

S.No	Paper Title	Author	Co Author
1	Detection And Classification Of Cardiac Arrhythmia Using Electrocardiogram (Ecg)	Paras Nagpal	Pradumn Gupta
2	Child Monitoring Using Geofencing And Iot	David William Raj .L	G. Megala, J.I. Monica Shree, J. Preetha, V. Rashmika

3	Assessment Of Solar Energy Capacity And Performance Evaluation Of A Grid-Connected Pv System With Pvsyst	Samuel R	Venketesh Kumar
4	Drowsiness Detection By Raspberry Pi Using Ir Camera	Mathesh B	Mohamed Riyaz A
5	Design A Efficient Powertrain For A Electric Vehicle	Sujith Manickam M	Sailesh Suman Manoharan
6	Spectrum Sharing Technique In 5g Cellular Network - A Survey	Manisha Rajput	Dr. Mrs. P. Malathi
7	Total Least Square Based Adaptive Order Statistics Filters For Image Restoration	Ganeswara Padhy	Dr. Santunu Kumar Nayak
8	Neuro-Fuzzy Wavelet Based Adaptive Mppt Algorithm For Pv Systems	Emmanuel Jesse	John Roby
9	Design And Simulation Of Micro Grid Using Solar Pv Panel	P Samuel Sandeep	Y Victor Emmanuel
10	Data Hiding Using Audio Steganography With Dwt Transform And Rc7 Encryption	Mangala Madhu	K.Kishore Chandrasekhar
11	Low Power Design And Challenges In Vlsi With Iot Systems	Preeti Sahu	Dr. Santosh Kumar Agrahari

8. Registered Statistics

8.1 Papers received based on the Country.

Delegate Registrations

Total Abstracts: 60

Abstracts from Indian States:

- Andhra Pradesh
- Gujarat
- Haryana
- Jaipur
- Jammu & Kashmir

- Karnataka
- Kerala
- Madhya Pradesh
- Maharashtra
- Odisha
- Tamil Nadu
- Telengana
- Uttar Pradesh
- Uttarkhand

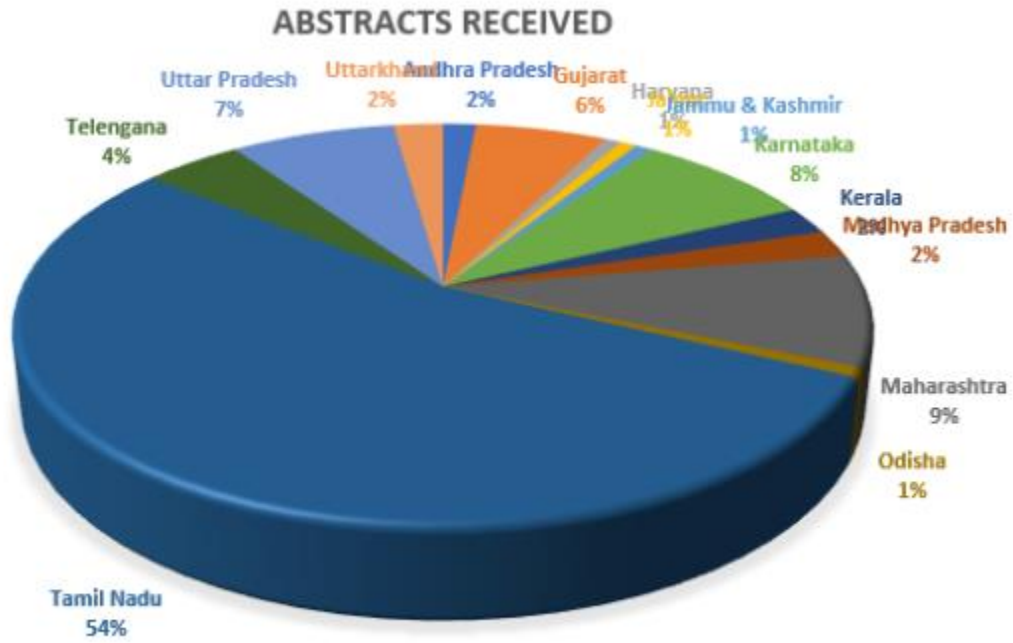
Abstracts from Abroad Countries:

- Senegal
- Dubai
- Malaysia
- Philippines

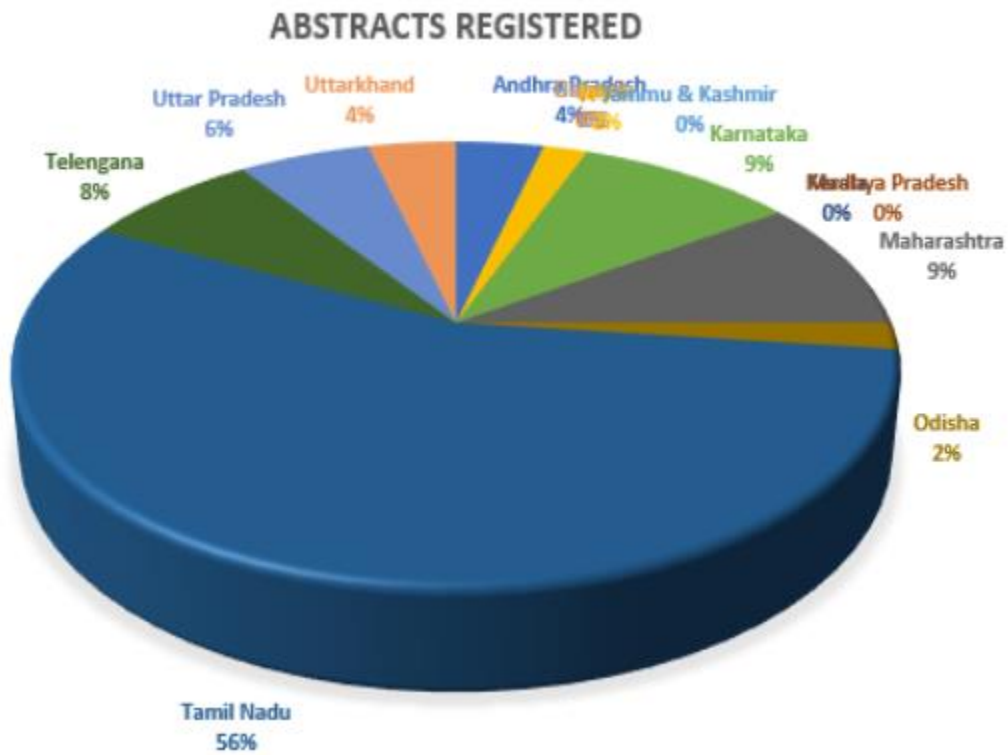
Virtually Presented: 55

With 4 Keynotes (2 Keynotes For Inauguration 6th May And 2 Keynotes For Inauguration 7th May), 6 Session Chairs Which Includes External As Well As Internals From Colleges Who Made The Session As Knowledge Packed With Various Questionnaires And Discussions With Presenters

Abstract Received Status State wise:



Abstract Registered Status State wise:



9. VALIDICTORY

In the Valedictory best paper and best paper Presentation of International Conference on Advanced Computing and Communication Technology (ICACCT - 21) was announced

10. Best paper & Best Presentation

Best Papers

Session 1:

1. RTC Drone: Implementation of Intelligent Autonomous Patrolling Using Round the Clock Drone - Vinay Kumar, Jyoti Agarwal.
2. A Comparative Study of Different Neural Network Models For Identification And Classification Of Diabetic Retinopathy On The Basis Of Severity - Kaushik Ghosh, Sugandha Sharma

Session 2:

1. Stock Market Prediction Using Recurrent Neural Networks - Neel Agarwal Aryan Agarwal
2. Drowsiness Detection By Raspberry Pi Using Ir Camera - Mathesh B Mohamed Riyaz A

Session 3:

1. Live Object Detection And Distance Measurement - Kshitij Raghav, Himanshu Sagu
2. Cloud Based Real-Time Weather Monitoring System Using Multi-Hop Communication - Shreyansh Singh, Dr. Sasikumar P

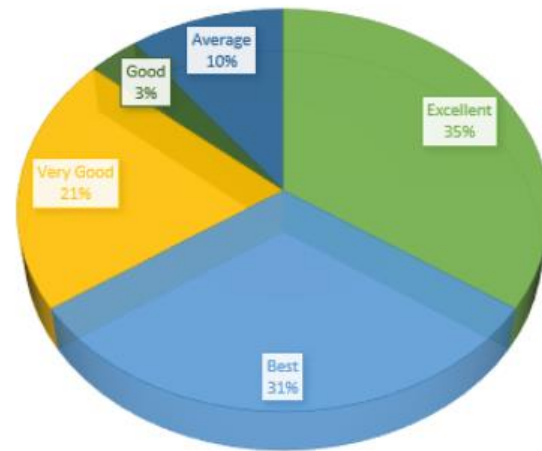
Session 4:

1. Detection And Classification Of Cardiac Arrhythmia Using Electrocardiogram (Ecg) - Paras Nagpal, Pradumn Gupta.
2. Design And Simulation Of Micro Grid Using Solar Pv Panel - P Samuel Sandeep Y Victor Emmanuel

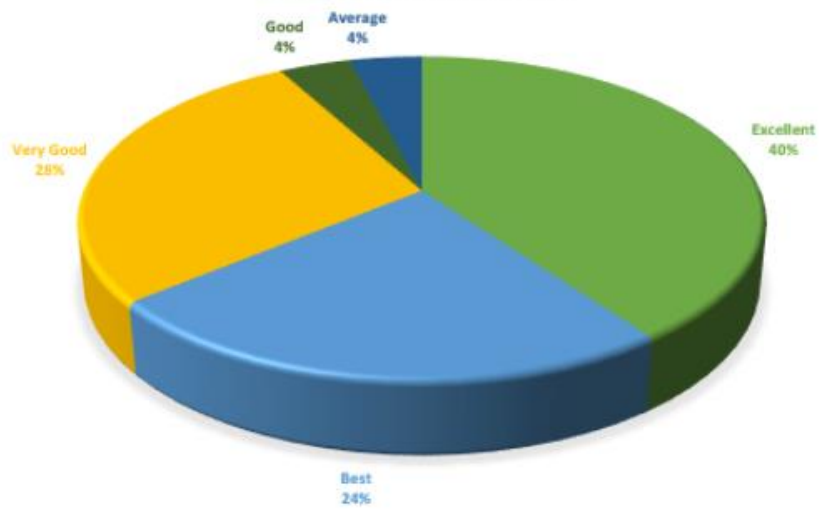
11. FEEDBACK

Participant's Feedback:

EXPERIENCE WITH ICACCT 2021



INSPIRATION - ICACCT 2021



12. CONFERENCE GLIMPSES

