SVCE | Sri Venkateswara College of Engineering
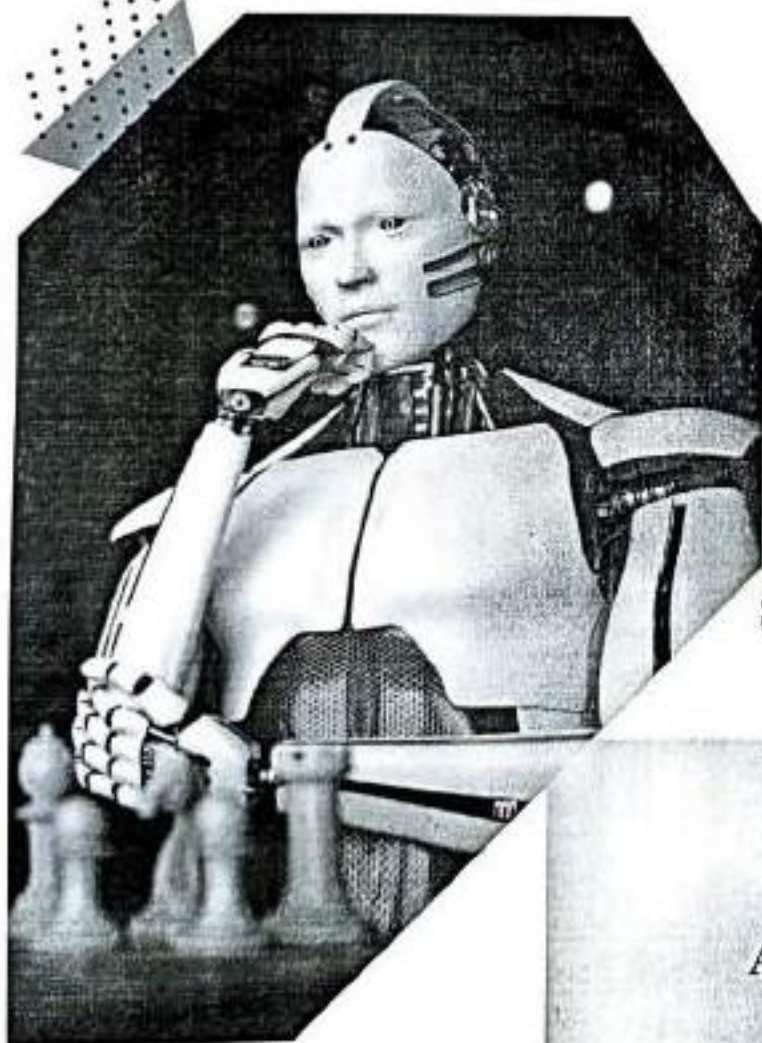
EAI

Department of Electronics & Communication Engineering

Cordially invites you to the

INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND NEXT GENERATION WIRELESS NETWORKS (ICNGWN 2023)

Inauguration and Key Note Address

Advanced Research Directions in Machine Learning

Dr.Ketan Kotecha
Dean, Faculty of Engineering,
Symbiosis International University
Pune, India.

Coordinator:
Dr.A.Prasanth,
Assistant Professor/ECE

19TH OCTOBER, 2023
TIME: 9:15 AM - 10:30 AM

ALL ARE CORDIALLY INVITED

Venue:
Dr.ACM Central Library Seminar Hall

ABOUT THE INSTITUTION

Sri Venkateswara College of Engineering (SVCE), a premier self-financing institute started in the year 1985 and became autonomous institution in the year 2016. The College conducts 12 BE / B.Tech Degree courses and 8 PG programs in Engineering. 11 research centers approved by Anna University cater to MS (by Research) and Ph.D programs. The courses are approved by AICTE and affiliated to Anna University, Chennai. The college is also accredited by National Assessment and Accreditation Council (NAAC). Many programs are accredited by National Board of Accreditation (NBA). The college is also certified by IRQS for ISO 9001-2015. The college is spread over 95 acres of land, situated at about 37 kms from Chennai on the Chennai – Bangalore National Highway (NH-4) at Pennalur, Sriperumbudur. The main objective of this institution is to impart knowledge to undergraduate, postgraduate, research students, and faculty members.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering is established during the academic year 1985-86 with students' intake of 60 and the same is increased to 180 during the academic year 2012-13. The UG program is accredited by NBA since April 2002 and thereafter continuously obtained the accreditation for the UG program. The department has strength of around 750 students and 40 highly experienced faculty members to offer good academic support to students. The faculty members have maintained high valued funded projects from prestigious organizations such as ISRO, AICTE, DRDO, and TNSCST, etc., The Department also signed a good number of MOUs with reputed companies to ensure industry involvement for framing the syllabus under the autonomous regulation.

ABOUT THE CONFERENCE

Computers have emerged as a central part of human society, playing a vital role in policymaking and fostering growth as we transition from an information society to an intelligent one. Traditional computing on data is woefully inadequate in today's era of digital civilization, with the internet of all things. In recent years, advances in computing science, intelligent perception of the physical world, and an understanding of the cognitive mechanism of human consciousness have all contributed to a higher general level of computing intelligence, which in turn has facilitated a faster rate of discovery and new knowledge creation. In spite of all the progress that has been made in computing and intelligence, there are still two key obstacles to overcome.

International Conference on Intelligent Computing and Next-Generation Wireless Networks (ICNGWN-2023) aims to address the above challenges in this era. This conference gives a platform for researchers, students, faculty members, and industry people to discuss their thoughts and ideas which provide the solutions for the above-mentioned issues in intelligent computing and next-generation wireless networks.

CALL FOR PAPERS

Papers reflecting original research or novel designs/applications are invited in, but not limited to, the following tracks:
- ✓ Track 1 (Computing)
- ✓ Track 2 (Intelligent Computing Applications)
- ✓ Track 3 (Wireless Networks)
- ✓ Track 4 (IoT and Cyber-Physical Systems)
- ✓ Track 5 (Sustainable Development)
- ✓ Track 6 (Artificial Intelligence Fundamentals)
- ✓ Track 7 (Next Generation Networks and Beyond)
- ✓ Track 8 (Security)

International Conference on Intelligent Computing and Next Generation Wireless Networks (ICNGWN-2023)

19.10.2023 – 20.10.2023

(Hybrid Mode)

Scopus

Springer

Organized by

Department of Electronics & Communication Engineering,
Sri Venkateswara College of Engineering, Sriperumbudur, India.

In Association with

European Alliance for Innovation (EAI)

COMMUNITY THAT BUILDS YOUR CAREER

Conference Website: https://icngwn.eai-conferences.org/2023/

ORGANIZING COMMITTEE

CHIEF PATRON

Dr.M.Sivanandham,

Secretary, SVEHT

PATRON

Dr.S.Ganesh Vaidyanathan,

Principal.

CONVENER

Dr.S.Muthukumar,

Professor and Head.
Department of ECE.

COORDINATOR

Dr.A.Prasanth,

Assistant Professor,
Department of ECE.
Mobile: +91-9080835896, +91-9159686372

TECHNICAL PROGRAM COMMITTEE

Dr. Jafar Ahmad Abed Alzubi
(Professor, Wake Forest University, North Carolina, USA)
Dr. Amir H. Gandomi
(Professor, University of Technology, Australia)
Dr. Muhammad Khurram Khan
(King Saud University, Kingdom of Saudi Arabia)
Dr. George Ghinea
(Professor, Brunel University London Uxbridge, UK)
Dr. Ali Kashif Bashir
(Manchester Metropolitan University, United Kingdom)
Dr. Xiao-Zhi Gao
(University of Eastern Finland, Finland)
Dr. Mohamed Abbas A
(Missouri University of Science and Technology, USA)
Dr.Mariya Ouaissa
(Professor, Moulay Ismail University, Meknes, Morocco)

ADVISORY COMMITTEE

Dr. G.A.Sathish Kumar, Prof/ECE, SVCE
Dr. N. Kumaratharan, Prof/ECE, SVCE
Dr. P.Jothilakshmi, Prof/ECE, SVCE
Dr. S. R. Malathi, Prof/ECE, SVCE
Dr. R. Gayathri, Prof/ECE, SVCE
Dr. T. J. Jeyaprabha, ASP/ECE, SVCE
Dr. D. Menaka, ASP/ECE, SVCE
Mr. M. Athappan, ASP/ECE, SVCE
Mrs.K S Subhashini, AP/ECE, SVCE
Mr.S Senthil Rajan, AP/ECE, SVCE
Mr.S P Sivagnana Subramanian, AP/ECE, SVCE
Mrs.S Kalyani, AP/ECE, SVCE
Dr. S.Vijayanand, AP/ECE, SVCE

EXECUTIVE COMMITTEE

Mrs.R Kousalya, AP/ECE, SVCE
Mrs.L Anju, AP/ECE, SVCE
Mrs.B Sarala, AP/ECE, SVCE
Mrs.S Radhika, AP/ECE, SVCE
Mr.M K Varadarajan, AP/ECE, SVCE
Mrs.C.Gomatheeswari Preethika, AP/ECE, SVCE
Mrs.S.M.Mehzabeen, AP/ECE, SVCE
Mr.P.Arul, AP/ECE, SVCE
Mr.N.Sathish, AP/ECE, SVCE
Mr.V.Yokesh, AP/ECE, SVCE
Mr.S.Elangovan, AP/ECE, SVCE

REGISTRATION FEE

Online Participants – 100 USD + GST
Offline Participants – 150 USD + GST

IMPORTANT DATES

Full Paper Submission deadline	25-07-2023
Notification deadline	25-08-2023
Camera-ready deadline	15-09-2023

PUBLICATION

All registered papers will be published in EAI CORE series as a proceedings book and made available through European Union Digital Library (EUDL). Proceedings will be submitted for inclusion in leading indexing services, such as Ei Compendex, Web of Science, Scopus, Google Scholar, DBLP, and EU Digital Library.

All accepted authors are eligible to submit an extended version in a fast track of:
- ✓ EAI Endorsed Transactions on Industrial Networks and Intelligent Systems
- ✓ EAI Endorsed Transactions on Mobile Communications and Applications

Additional publication opportunities
- ✓ EAI Transactions series (Open Access)
- ✓ Springer Innovations in Communications and Computing Book Series (Scopus)

PAPER SUBMISSION

Papers should be submitted through EAI 'Confy+' system, and have to comply with the CORE format.
- ✓ Regular papers should be up to 12-15+ pages in length
- ✓ Short papers should be 6-11 pages in length.

ACCOMMODATION

Accommodation and boarding will be provided in the college premises on chargeable basis.

OFFICIAL CONTACT ADDRESS

Dr.A.Prasanth,
Assistant Professor / ECE,
Sri Venkateswara College of Engineering,
Sriperumbudur -602117, Tamil Nadu, India
Mobile: +91-9080835896
Email: prasantha@svce.ac.in

Date: 28-06-2023

From,

Dr.A.Prasanth,

Assistant Professor,

Department of Electronics and Communication Engineering

Sri Venkateswara College of Engineering,

Pennalur, Sriperumbudur-602117.

To,

The Principal,

Through HoD-ECE,

Sri Venkateswara College of Engineering,

Pennalur, Sriperumbudur-602117.

To: HOD-ECE Approved [signature] 28/6/23

Respected Sir,

Sub: Requisition of Conducting an International Conference - Regarding

I have submitted a proposal to the **European Alliance for Innovation (EAI)** conference tilted **"International Conference on Intelligent Computing and Next Generation Networks"** during 19-10-2023 & 20-10-2023. The EAI has approved the proposal and agreed to sponsor the conference. In this regard, all financial assistance will be sponsored by EAI. The conference does not require any financial assistance from the host institution. I hereby attached the sponsorship application form for your reference.

The event is organized in Hybrid mode (Online and Offline) and the proceedings will be indexed in Scopus. This conference gives a platform for research scholars, students, faculty members, and industry people to discuss their thoughts and ideas which provide the solutions for the various issues in intelligent computing and next-generation wireless networks. I hereby attached an acceptance copy from EAI for your reference. In this regard, I am requesting you to grant permission to conduct the event at our college in a successful manner.

Thank You.

To THE PRINCIPAL
Forwarded & Recommended
for your approval
[signature] 28/6/23

Yours sincerely,

Dr.A.Prasanth

REPORT

ON

"EAI - International Conference on Intelligent Computing and Next Generation Wireless Networks (EAI ICNGWN 2023)"

Organized by

Department of Electronics and Communication Engineering,

Sri Venkateswara College of Engineering, Sriperumbudur

Event Name	EAI - International Conference on Intelligent Computing and Next Generation Wireless Networks (EAI ICNGWN 2023)
Coordinator	Dr. A. PRASANTH, Assistant Professor/ ECE, SVCE. Mr. N. SATHISH, Assistant Professor/ECE, SVCE. Mr. V. YOKESH, Assistant Professor/ECE, SVCE Mr. P.ARUL, Assistant Professor/ECE, SVCE
Venue (College/Institute)	Sri Venkateswara College of Engineering, Sriperumbudur
Date & Time	19-10-2023 & 20-10-2023, 9am - 3pm
Invited Speakers	1) Dr. Ketan Kotecha, Dean, Faculty of Engineering, Symbiosis International (Deemed University), Pune, India. 2) Dr. Ali Kashif Bashir, Professor in Networks and Security, Leader, Future Networks Lab, Head, Advanced Cybersecurity Testbed, Manchester Metropolitan University, UK 3) Dr. B.Balamurugan, Associate Dean-Student Engagement, Shiv Nadar University, Delhi, India
Objectives	The primary goal of this conference is to promote the exchange of the most recent research information on intelligent computing and next-generation wireless communication systems. The conference will mainly focus on recent advances in the fields of Wireless Networks, Artificial Intelligence based Computing, and their applications in different domains.
Target Audience	Research Scholars, PG students, Academician and Industry persons
Brief Report including above information	The conference was conducted in Two days (Hybrid Mode). Totally, 192 full papers were submitted to the conference. For each paper, three reviewers were assigned,

and based on the reviewer recommendation, 73 full papers were accepted at the conference. These 73 full papers were presented in the five different tracks which will be carefully reviewed by the session chairs. The major tracks of the conference are as follows:

1) Security and Smart Applications,
2) IoT and Computing,
3) Intelligent System,
4) Artificial Intelligence and Applications,
5) Electrical System.

GALLERY OF ICNGWN 2023

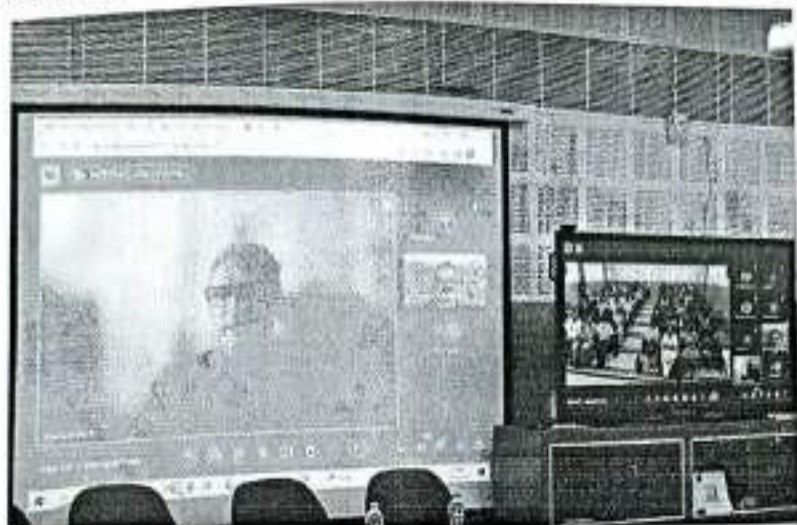1) **Welcome Address** by Dr.G.A.Sathish Kumar, HoD/ECE, SVCE

Kancheepuram, Tamil Nadu, India
Sri Venkateswara College of Engineering, Sriperumbudur
Lat 12.986834°
Long 79.97221°
19/10/23 09:19 AM GMT +05:30

2) **Conference Address** by Dr. A.Prasanth, AP/ECE, SVCE

Kancheepuram, Tamil Nadu, India
Sri Venkateswara College of Engineering, Sriperumbudur
Lat 12.986834°
Long 79.97221°
19/10/23 09:23 AM GMT +05:30
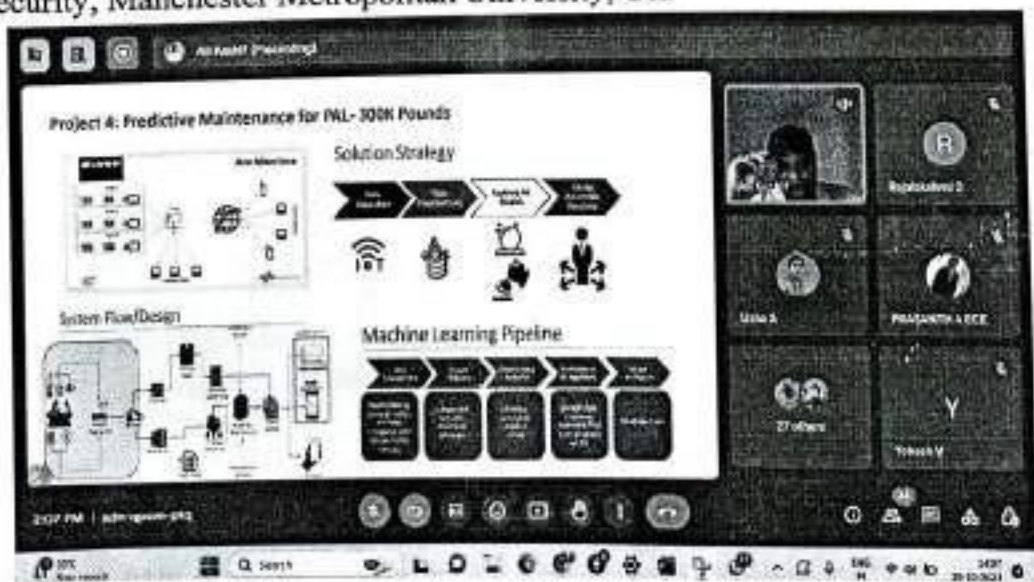
3) **Special Address** is delivered by Dr.S.Ganesh Vaidyanathan, Principal, SVCE

4) **Keynote Session 1** is delivered by **Dr. Ketan Kotecha**, Dean, Faculty of Engineering, Symbiosis International (Deemed University), Pune, India.

5) **Keynote Session 2** is delivered by **Dr. Ali Kashif Bashir**, Professor in Networks and Security, Manchester Metropolitan University, UK

6) Paper Presentation by Authors in Technical Session 1

7) Paper Presentation by Authors in Technical Session 2

Dr.A.Prasanth, AP/ECE Coordinator	Dr. G A Sathish Kumar, Professor & Head, Dept of ECE, SVCE

SVCE | Sri Venkateswara
College of
Engineering

Autonomous Institution, Affiliated to Anna University, Chennai.
Approved by the A.I.C.T.E, Accredited by NAAC
Post Bag No.1, Pennalur, Sriperumbudur Tk. 602117 India.
Phone   : 91-44-27152000(20 lines)
Fax   : 91-44-2715 2111
Email   : acm@svce.ac.in URL : https://www.svce.ac.in

Date: 30-10-2023

To,

Dr.A.Prasanth,

Assistant Professor,

Department of Electronics and Communication Engineering

Sri Venkateswara College of Engineering,

Pennalur, Sriperumbudur-602117.

Dear sir,

This is to certify that the Institution has received a sum of
Rs. 78,140/- (Seventy Eight Thousand One Hundred Forty Rupees) from
the European Alliance for Innovation (EAI) to the Principal account
(*Account Number:* 467302331) through the NEFT transfer
(NEFT/BOFA/23AD647386N31E57/INFOTRENDS U) on 13/10/2023
for organizing the "International Conference on Intelligent Computing
and Next Generation Wireless Networks (EAI ICNGWN 2023)" during
19-10-2023 & 20-10-2023.

N. Vasuden

**Finance Executive**

(Mr.N.VASUDEVAN)

30|10|23

FINANCE EXECUTIVE
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur Tk-602 117
Tamilnadu, India.

ICNGWN 2023 - FEEDBACK FORM

Timestamp	Name of the participant	College Name	How well the Conference is organised (1-being the least and 5 being the	Whether sufficient time is provided for the presentation	What was your primary goal in attending this conference?	Whether the Keynote addresses are relevant to the Conference agenda	Your overall comments on the Conference
2023/10/27 4:02:17 PM GMT+5:30	Ravi Chauhan	Symbiosis Institute of Computer Studies and Research	5	5	Others	Strongly Agree	It was very good.
2023/10/27 4:03:37 PM GMT+5:30	K. SURESH KUMAR	St. Joseph's College of Engineering	5	5	Gaining more subject matter expertise	Agree	It's great Conference and Presenting Our Unic Ideas in this Conference. Special thanks to all the judges and panel numbers to have a interactive Session.
2023/10/27 4:04:35 PM GMT+5:30	Parameswaran Ramesh	Madras Institute of Technology	5	5	Gaining research knowledge	Agree	Well organized
2023/10/27 4:09:06 PM GMT+5:30	S.Usha	SRI SAIRAM ENGINEERING COLLEGE	4	3	Gaining research knowledge	Strongly Agree	good
2023/10/27 4:12:05 PM GMT+5:30	J Cruz Antony	Sathyabama Institute of Science and Technology, Chennai	4	5	Gaining more subject matter expertise	Agree	Good
2023/10/27 4:13:41 PM GMT+5:30	C.USHARANI	Ramco Institute of Technology	4	4	Gaining research knowledge	Agree	well organized
2023/10/27 4:19:49 PM GMT+5:30	S.Muthulakshmi	KPR Institute of Engineering and Technology	4	4	Gaining research knowledge	Agree	-

How well the Conference is organised (1- being the least and 5 being the best)

61 responses

Bar chart:
- 1: 1 (1.6%)
- 2: 0 (0%)
- 3: 0 (0%)
- 4: 16 (26.2%)
- 5: 44 (72.1%)
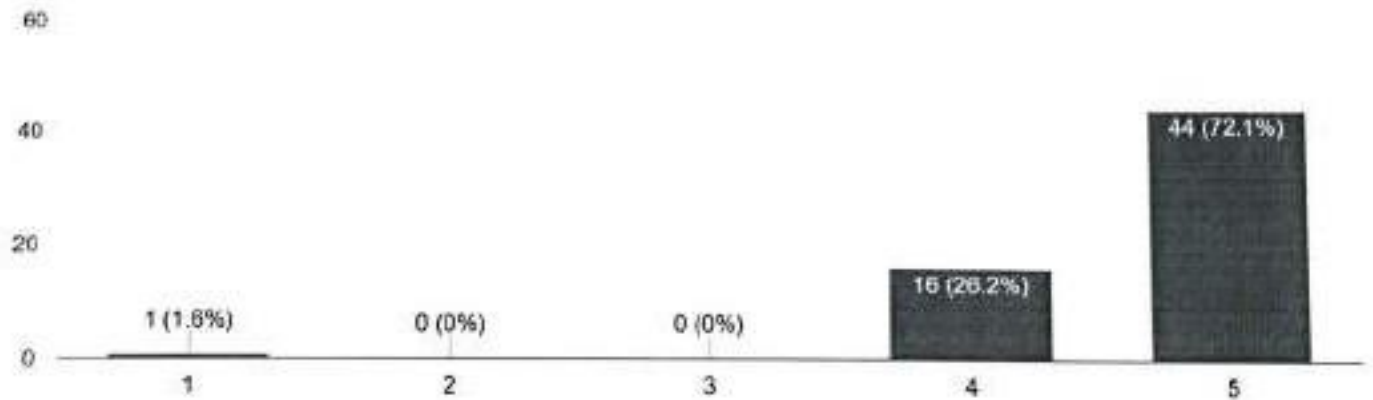
Whether sufficient time is provided for the presentation and Q&A session (1- being the least and 5 being the best)

61 responses

Bar chart:
- 1: 1 (1.6%)
- 2: 0 (0%)
- 3: 3 (4.9%)
- 4: 10 (16.4%)
- 5: 47 (77%)

Timestamp	Name	Institution			Expectation	Response	Comments
2023/10/27 4:33:23 PM GMT+5:30	Dr.R.SATHESH RAAJ	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	5	5	Gaining more subject matter expertise	Strongly Agree	Great effort..looking forward for more activities with this Institute
2023/10/27 4:37:34 PM GMT+5:30	ASWATHY RAVIKUMAR	Vellore Institute of Technology, Chennai	5	5	Gaining research knowledge	Strongly disagree	great
2023/10/27 4:53:02 PM GMT+5:30	L.LEENA JENIFER	Rajalakshmi Engineering College	5	5	Gaining research knowledge	Strongly Agree	Good
2023/10/27 4:57:03 PM GMT+5:30	Sanket R Durgekar	Alvas Institute of Engineering and Technology	1	1	Gaining more subject matter expertise	Strongly disagree	All the session were good
2023/10/27 5:01:30 PM GMT+5:30	S.Balaji	Bharath Institute of Higher Education and Research	5	5	Gaining research knowledge	Strongly Agree	Excellent
2023/10/27 5:03:37 PM GMT+5:30	B.Hemalatha	Bharath Institute of Higher Education and Research	5	5	Gaining research knowledge	Strongly Agree	Excellent coordination
2023/10/27 5:07:25 PM GMT+5:30	1P S Metkewar , 1Shrivats Sharma ,2 Lubna Hamid Shah and 3A.	SICSR, SIU Pune	4	5	Others	Strongly Agree	Well organised...
2023/10/27 5:11:02 PM GMT+5:30	A.RATHINAVEL	SRM Institute of Science and Technology, Kattankulathur, Chengalpattu, Tamil Nadu	5	5	Gaining research knowledge	Strongly Agree	well organized. especially Dr. Prasanth sir supported from the beginning to end
2023/10/27 5:40:50 PM GMT+5:30	Dr.VISHAL SHRIVASTAVA	ARYA COLLEGE OF ENGINEERING AND IT, JAIPUR	5	5	Gaining research knowledge	Strongly Agree	Excellent
2023/10/27 5:51:40 PM GMT+5:30	B.VENNILAPRIYA	MEENAKSHI COLLEGE OF ENGINEERING	5	5	Gaining research knowledge	Strongly Agree	WELL ORGANISED
2023/10/27 5:59:23 PM GMT+5:30	K.Sivaranjani	Sri Eshwar College of Engineering	4	4	Gaining research knowledge	Agree	Good ,well organized work by committee members

What was your primary goal in attending this conference?
61 responses

- Gaining more subject matter expertise
- Gaining research knowledge
- Others

72.1%

21.3%

Whether the Keynote addresses are relevant to the Conference agenda
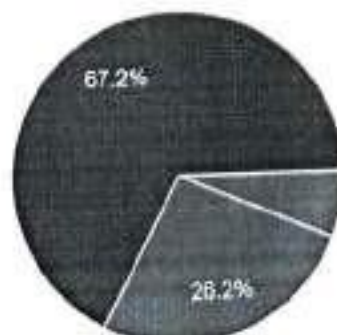61 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

59%

32.8%

Whether the conference schedule was well planned
61 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

67.2%

26.2%

2023/10/27 6:21:29 PM GMT+5:30	M.RAMYA	COIMBATORE INSTITUTE OF TECHNOLOGY	4	3	Gaining research knowledge	Strongly Agree	Excellent organization and continuous support provided whenever required. Thanks for the opportunity.
2023/10/27 6:21:42 PM GMT+5:30	Jayaraj Viswanathan	Amrita Vishwa Vidyapeetham, Chennai	4	4	Gaining research knowledge	Agree	It was a very well organized conference
2023/10/27 6:23:57 PM GMT+5:30	ATHI VAISHNAVI.R	Kalaignar Karunanidhi institute of technology	4	5	Gaining more subject matter expertise	Agree	Good
2023/10/27 6:28:33 PM GMT+5:30	Pratiba K R	Coimbatore Institute of Technology	4	4	Others	Agree	Very Good coordination with the authors
2023/10/27 6:41:19 PM GMT+5:30	JENCY RUBIA J	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	5	5	Gaining more subject matter expertise	Strongly Agree	EXCELLENT
2023/10/27 6:42:32 PM GMT+5:30	JENCY RUBIA J	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	5	5	Gaining more subject matter expertise	Strongly Agree	EXCELLENT
2023/10/27 6:52:58 PM GMT+5:30	Dr O V SHANMUGA SUNDARAM	SREE SARASWATI THYAGARAJA COLLEGE	5	5	Gaining more subject matter expertise	Strongly Agree	Excellent arrangements. Thanks
2023/10/27 6:57:17 PM GMT+5:30	Dr Veena K	Sathyabama Institute of Science and Technology	5	5	Gaining research knowledge	Strongly Agree	The conference truly set a high standard for future conferences to aspire to.
2023/10/27 7:51:21 PM GMT+5:30	Harpreet Kaur	Chandigarh University	4	4	Gaining research knowledge	Neutral	Good
2023/10/27 8:03:36 PM GMT+5:30	Vijayadharshini M	Sri Krishna College of Engineering and Technology	5	5	Gaining research knowledge	Strongly Agree	The conference was very useful and learned many things which gave me ideas about different field.
2023/10/27 9:26:45 PM GMT+5:30	Mani Deepak Choudhry	KGiSL Institute of Technology	5	5	Gaining more subject matter expertise	Strongly Agree	Awesome

Date/Time	Name	Institution			Benefit	Agreement	Comments
2023/10/27 9:30:06 PM GMT+5:30	Nancy Sukhadia	Sarvajanik University	4	3	Gaining research knowledge	Strongly Agree	Very Supportive
2023/10/27 9:48:38 PM GMT+5:30	P.GEETHA	Karpaga Vinayaga College of Engineering and Technology	5	5	Gaining more subject matter expertise	Strongly Agree	NIL
2023/10/27 10:29:00 PM GMT+5:30	M.Parameswari	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	4	4	Gaining research knowledge	Agree	Well organised
2023/10/27 10:32:31 PM GMT+5:30	J.SARANYA	VISTAS	5	5	Gaining more subject matter expertise	Strongly Agree	Excellent
2023/10/27 10:40:33 PM GMT+5:30	M SANTHOSHKUMAR	VISTAS	4	5	Others	Agree	VERY NICE AND PERFECT
2023/10/27 10:55:52 PM GMT+5:30	S.Sridharan	Amrita vishwa vidyapeetham university	5	5	Gaining research knowledge	Strongly Agree	It was good and we learnt many things
2023/10/27 11:20:07 PM GMT+5:30	M.GIRIJA	Vels University	5	5	Gaining research knowledge	Strongly Agree	Good
2023/10/28 12:51:38 AM GMT+5:30	Dr.G.M.Karpura Dheepan	Sathyabama Institute of Science and Technology	5	5	Gaining more subject matter expertise	Strongly Agree	Cheers to the team
2023/10/28 8:10:19 AM GMT+5:30	Dr.Srividya Ramisetty	CMRIT, Bengaluru	5	5	Gaining research knowledge	Agree	The conference was organized welll
2023/10/28 10:27:14 AM GMT+5:30	sangeetha T	SRI KRISHNA COLLEGE OF TECHNOLOGY	5	4	Gaining research knowledge	Agree	good

Signature of the Coordinator

HoD - ECE