

## ***DSEC TIMES 2023 Bi Annual: JAN 2023 –JUNE 2023***

Dear Heads,

- Fill the details of **Jan 2023 to June 2023**
- Include all the events organized by the department.(Highlight most important events)
- Highlight the faculty contribution in outside colleges with photographs.
- Student's achievements, participation in a chronological order as per the attached format.
- Add Photos inside the table itself with caption wherever needed.
- Do not leave the any column as empty. Instead Type **Not Applicable**.
- Use Font: Times New Roman: Font size:12

**Deadline for the submission: August 4 2023**

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Department of -----ECE-----  
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Department Events, Organized Programme: **(Include Professional society activities also)**

Name of the Events	Resource Person	Funding Agency/ Professional Society	Date
<b>NATIONAL CONFERENCE</b>	1. Mr.B.Sankar Madasamy, Manager/HRD, ISTRAC/ISRO, Bangalore.  2. Dr. N.R Rajan, Sastra Deemed University,Thanjavur.	NIL	21.04.23
<b>MOTIVATIONAL TALK</b>	1.Mr.Madhumathi, Infosys, Chennai (Alumni)	NIL	17.04.23

## NATIONAL CONFERENCE



## MOTIVATIONAL TALK



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### Faculty Publications (Journals articles / Books / patron)

Name of the Faculty	Publication details
<b>Dr.P.Rajeswari</b>	<p>1.<b>Dr.P.Rajeswari/ECE</b>, “IOT based monitoring system of life saving drug’s infusion”, <b>International journal</b> of innovative research in engineering, Vol 4, Iss 3, ISSN: 2582-8746, May-June 2023</p> <p>2. <b>Dr.P.Rajeswari /ECE,IOT</b> based battery monitoring system in electric vehicle, <b>International journal</b> of innovative research in engineering, Vol 4, Iss 3, ISSN: 2582-8746, May-June 2023</p>
<b>Mr.C.Sathish kumar</b>	<p>1 <b>Mr.C.Sathish kumar./ECE</b>,”Vehicle to vehicle communication using Li-fi technology”, International journal of science &amp; engineering development research, Vol 8, Iss 4,ISSN: 2455-2631, April 2023.</p> <p>2. <b>Mr.C.Sathish kumar./ECE</b>,”IOT based human body communication using wearable biometric authentication”, International journal of science &amp; engineering development research, Vol 8, Iss 4,ISSN: 2455-2631, April 2023.</p>
<b>Mrs.M.Rekha</b>	Efficient River Water Quality Monitoring System Through IOT Platform. International journal of science & engineering development research, Vol 8, Iss 4,ISSN: 2455-2631, April 2023.
<b>Mr.A.Yogeshwaran</b>	1.Mr.A.Yogeshwaran/ECE, “International journal of reconfigurable and embedded systems” his contribution as <b>Reviewer</b> .
<b>Mr.T.Boopathy</b>	<p>1.<b>Mr.T.Boopathy/ECE</b>, “IOT based monitoring system of life saving drug’s infusion”, <b>International journal</b> of innovative research in engineering, , Vol 4, Iss 3, ISSN: 2582-8746, May-June 2023.</p> <p>2.Mr.T.Boopathy/ECE,” IOT based battery monitoring system in electric vehicle”, <b>International journal</b> of innovative research in engineering, Vol 4, Iss 3, ISSN: 2582-8746, May-June 2023.</p> <p>3.Mr.T.Boopathy/ECE,”IOT based fault detection of underground cables through node MCU modules”, ”, International journal of science &amp; engineering development research, Vol 8, Iss 4, ISSN: 2455-2631, April-2023.</p> <p>4. Mr.T.Boopathy/ECE,”IOT development of Bluetooth based smart home security system and home automation”, ”, International journal of science &amp; engineering development research,Vol 8, Iss 4, ISSN: 2455-2631, April-2023.</p>
<b>Mr.N.Khadar Bhasa</b>	<p>1.Mr.N.Khadar Bhasa/ECE,”Cooler jacket for hot weather”.International journal for research&amp; development in technology, International journal of science &amp; engineering development research,Vol 19, Iss 4, ISSN: 2349-3585, April 2023.</p> <p>2.Mr.N.Khadar Bhasa/ECE,”IOT based monitoring system of life saving drug’s infusion”, <b>International journal</b> of innovative research in engineering, Vol 4, Iss 3, ISSN: 2582-8746, May-June 2023</p> <p>3.Mr.N.Khadar Bhasa/ECE,” IOT based battery monitoring system in electric vehicle”, <b>International journal</b> of innovative research in</p>

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	engineering,, Vol 4, Iss 3, ISSN: 2582-8746, May-June 2023.
<b>Mrs.S.Sasikala</b>	1.Mrs.S.Sasikala/ECE, "Hands Gesture Assistance System for Disable/Dumb people using IOT", International journal of advanced research in innovative discoveries in engineering and applications, Vol 8, Iss 03, ISSN: 2456-8805, June 2023. 2. Mrs.S.Sasikala/ECE, "Wireless sensor network application for IOT based healthcare system". International journal of science and engineering development research, Vol 8, Iss 05, ISSN: 2455-2631, May 2023.
<b>Mrs.S.Nithya</b>	Mrs.S.Nithya/ECE, "An efficient energy management and theft alert using IOT enabled smart meters". International journal of advanced research in innovative discoveries in engineering and applications, Vol 8, Iss 03, ISSN: 2456-8805, June 2023.
<b>Mrs.Gayathri</b>	Mrs.Gayathri/ECE , "VLSI design of approximate baugh-wooley multiplier for image edge computing". International journal of advanced research in science, communication and technology, Vol 3, Iss 8, ISSN: 2581-9429, April 2023.
<b>Mrs.M.Saritha</b>	<b>Mrs.M.Saritha</b> /ECE, "VLSI implementation of AES algorithm in cryptography developed in XILINX ". International journal of advanced research in science, communication and technology, Vol 3, Iss 8, ISSN: 2581-9429, April 2023.
<b>Mrs.B.Sujitha</b>	<b>Mrs.M.Sujitha</b> /ECE, "Implementation of Intelligent Navigation System for Shopping using Smart Robots ". International journal of advanced research in science, communication and technology, Vol 3, Iss 8, ISSN: 2581-9429, April 2023.
<b>Mrs.M.Noorjahan</b>	<b>Mrs.M.Noorjahan/ECE</b> , "Multiband compact mmV antenna for 5G smart phone". International journal of advanced research in science, communication and technology, Vol 3, Iss 8, ISSN: 2581-9429, April 2023.

**Faculty Participation**

<b>Name of the Faculty</b>	<b>Events Details/Online Course</b>	<b>Institution/Company</b>	<b>Date</b>
<b>Dr.P.Rajeswari &amp; Mrs.R.Rekha</b>	Field visit	IIT MADRAS RESEARCH PARK, CHENNAI.	31.03.23
<b>Dr.P.Rajeswari</b>	Field visit	CENTRE FOR INFORMATION SUPER HIGHWAY, SASTRA UNIVERSITY	09.05.23
<b>Dr.P.Rajeswari</b>	Field visit	CENTRE OF EXCELLENCE - PCB DESIGN & DEVELOPMENT CENTRE, Kongunadu engineering college & technology.	03.01.23

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<b>Dr.P.Rajeswari</b>	Awareness programme	University college of engineering, Anna university, Trichy.	10.02.23
<b>Dr.P.Rajeswari</b>	Bridge-23	ICT Academy of Tamilnadu	14.03.23
<b>Dr.P.Rajeswari</b>	STTP	BHARATH Institute of higher educational & research	26.06.23 & 30.06.23
<b>Mrs.S.Sasikala</b>	Webinar on overview of securities and carrier growth	KRISHA FOUNDATION	29.5.2023
<b>Mrs.S.Sasikala</b>	Workshop on Materializing idea's to IP	AMRITA Vishwa Vidyapeetham, Chennai	13.6.2023
<b>Mrs.B.Sujitha &amp; Mrs.M.Saritha</b>	SERB sponsored Seminar	K.RAMAKRISHNAN COLLEGE OF TECHNOLOGY, TRICHY	22.05.2023& 23.05.2023
<b>Mr.T.Boopathy</b>	SERB-SSR sponsored Seminar	NIT, TRICHY	31.05.2023
<b>Mrs.R.Rekha &amp; Mr.A.Yogeshwaran</b>	Completed their Ph.D-Viva (July 2023)		

### IIT MADRAS RESEARCH PARK, CHENNAI.



### CENTRE FOR INFORMATION SUPER HIGHWAY, SASTRA UNIVERSITY



### CENTRE OF EXCELLENCE - PCB DESIGN & DEVELOPMENT CENTRE, Kongunadu engineering college & technology.



**Bridge-23-ICT Academy of Tamilnadu**



**Faculty as a Resource Person**

Name of the Faculty	Events Details	Institution/Company	Date
Mrs.M.REKHA	GUEST LECTURE	CARE COLLEGE OF ENGINEERING	14.03.23

**Student Spots:**

**Student Publications (Journal Articles / Conference)**

Name of the Student	Publication details
<b>Kuruba Ashok, Bathula Harsha Kumar, Mummalaneni Gireesh Nag, Mullangi Thirupathi Reddy</b>	“Smart Crop Protection From Wild Animals And Crop Health Monitoring”, <b>International conference</b> on emerging technologies in communication & signal processing.
<b>Ravinesan, Monjraj, Sathish, Sivanatham.</b>	“Multiband compact mmV antenna for 5G smart phone”, <b>International conference</b> on emerging trends in engineering & technology. <b>International journal</b> of advanced research in science, communication and technology, Vol 3, Iss 8, ISSN: 2581-9429, April 2023.

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<b>Bhuvanewari</b>	“IOT based monitoring system of life saving drug’s infusion”, <b>International journal</b> of innovative research in engineering, Vol 4, Iss 3, ISSN: 2582-8746, May-June 2023.
<b>Sasirekha</b>	“IOT based battery monitoring system in electric vehicle”, <b>International journal</b> of innovative research in engineering, Vol 4, Iss 3, ISSN: 2582-8746, May-June 2023.
<b>Rahul, Kartick, Saravanan</b>	“IOT based fault detection of underground cables through node MCU modules”, International journal of science & engineering development research, Vol 8, Iss 4, ISSN: 2455-2631, April-2023.
<b>Priyadharshini, Akila, Abirami, Monisha</b>	“IOT development of Bluetooth based smart home security system and home automation”, International journal of science & engineering development research Vol 8, Iss 4, ISSN: 2455-2631, April-2023.
<b>S.Rubasree, R.Keerthika, V.Vidhya, R.Ramanika.</b>	“Vehicle to vehicle communication using Li-fi technology”, International journal of science & engineering development research, Vol 8, Iss 4,ISSN: 2455-2631, April 2023.
<b>M.Risalin, R.Rajasusmitha, T.Ramya, S.Sajithachandram</b>	“IOT based human body communication using wearable biometric authentication”, International journal of science & engineering development research, Vol 8, Iss 4,ISSN: 2455-2631, April 2023
<b>Janani priya, Agashiya</b>	“Cooler jacket for hot weather”.International journal for research& development in technology, <b>International journal</b> of science & engineering development research,Vol 19, Iss 4, ISSN: 2349-3585, April 2023.
<b>Deepan S. V, Kirubasankar.D, Rohithvarma.R, Sudharsan.S,</b>	Efficient River Water Quality Monitoring System Through IOT Platform, <b>International journal</b> of science & engineering development research, Vol 8, Iss 4,ISSN: 2455-2631, April 2023.
<b>Puchakayala Vamsi Priya, Pachipulusu Nagasri, Swarna Yaswitha, Vandavasi Sai Venkata Lakshmi Srujana</b>	“An efficient energy management and theft alert using IOT enabled smart meters”. <b>International journal</b> of advanced research in innovative discoveries in engineering and applications, Vol 8, Iss 03, ISSN: 2456-8805, June 2023.

### Student’s Participation (Both Co-curricular and Extracurricular activities)

Name of the Student	Events Details/Online Course	Institution/Company	Date
<b>T.SURIYA PRAKASH /II</b>	Workshop on PCB DESIGN	Knowledge Institute of technology, salem	17.03.023
<b>S.SANJEEV/ II</b>	PYTHON Programming Workshop	Top Engineers-IIT MADRAS RESEARCH PARK, CHENNAI.	24.06.23
<b>ROHIT VARMA/IV</b>	CM TROPHY- CRICKET- GOLD MEDAL	-	18.02.23

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<b>Student / Year</b>	<b>Company</b>
<b>III/YEAR-</b>	1.CODE TECHNIQUES, COIMBATORE (NO.OF STUDENTS-5) 2.IPCS AUTOMATION, TRICHY((NO.OF STUDENTS-12) 3.CALIBER EMBEDDED TECHNOLOGIES INDIA Pvt.Ltd, BANGALORE.(NO.OF STUDENTS-5)
<b>II/YEAR</b>	1.BSNL, TRICHY (NO.OF STUDENTS-1) 2.MARCELLO TECH, TRICHY((NO.OF STUDENTS-10) 3.MAN TREE, COIMBATORE(NO.OF STUDENTS-7)
<b>SOWMIYA/III</b>	CM TROPHY-VOLLEY BALL- SILVER MEDAL
<b>T.SURIYA PRAKASH/II</b>	CM TROPHY-BASKET BALL - SILVER MEDAL

**In plant Training:**

<b>Name of the Student / Year</b>	<b>Company</b>
<b>R.KISHORE ATHAVAN/III</b>	ORDANANCE FACTORY, TRICHY

**Field Visit:**

<b>Year</b>	<b>Company</b>
<b>III</b>	IIT MADRAS RESEARCH PARK, CHENNAI.

