



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE -109**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**



**THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS**  
**IETE STUDENTS FORUM (ISF)**

The Institution of Electronics and Telecommunication Engineers (IETE) is India's leading recognized professional society devoted to the advancement of Science and Technology of Electronics, Telecommunication & IT, Founded in 1953. It concentrates on the facilitation of the exchange of information among fields which have helped many economies worldwide. It is an institute of eminence by the Government of India and has 51 centers located all over the country. IETE strives to keep up with the changing times and new technological advancements and does so by keeping all those involved informed about the same.

**Objectives of ISF:**

1. Improving standard of Engineering Education
2. Counselling the students in the emerging new opportunities
3. Encouraging and motivating the outside Classroom studies/Workshops/projects/Seminars
4. Increasing the student base and Corporate membership of IETE.

**Activities:**

1. To plan, organize Technical Programs, Special Lectures, Workshops, Seminars Symposia, exhibitions for the benefit of students.
2. To provide common platform for students to exchange of ideas in technical topics of interest, e.g., curriculum, employment, higher educational opportunities, emerging trends, etc.
3. To facilitate technical visits, project works, employment, contact with industries and academic institutions.
4. Encourage team spirit and self-reliance among student members.
5. ISFs should be a catalyst for the overall growth in technical and professional skills in young students.

**In KSIT, the IETE Students forum (ISF) was formed on 12<sup>th</sup> March 2015 by the Department of Electronics and Communication Engineering and Department of Telecommunication Engineering.**

**Details of events organized by IETE ISF:**

<https://drive.google.com/drive/folders/1Xg5qvAj1RG29IFnE1MXF1s0DihBozqkU?usp=sharing>

**IETE ISF Coordinators:**

**Dr. B.Surekha, Professor, Dept. of ECE**

### IETE ISF ACTIVITIES AT KSIT

<b>2014-15</b>	
<b>Memberships</b>	<ul style="list-style-type: none"> <li>• Applied Memberships for 163 (117 ECE+46 TCE) students, DD "001820" dated 27/10/14 for Rs57,050/-</li> <li>• Received 163 Membership cards on 11/02/17</li> </ul>
<b>ISF Grant Received</b>	<ul style="list-style-type: none"> <li>• Received ISF Grant of Rs 6520/- on 01/7/15, Cheque No. "701990"</li> </ul>
<b>Events Organized</b>	<p>1. <b>Inauguration of IETE Students forum (ISF)</b> was organized on 12th March 2015 by the Department of Electronics and Communication Engineering and Department of Telecommunication Engineering in the conference hall of K. S. Institute of Technology, Bangalore at 9:30 AM.</p>

<b>2015-16</b>	
<b>Memberships</b>	<ul style="list-style-type: none"> <li>• Applied Memberships for 160 (113 ECE+47 TCE) students, DD "002491" dated 26/1/15 for Rs56,000/-</li> <li>• Received 160 Membership cards</li> </ul>
<b>ISF Grant Received</b>	<ul style="list-style-type: none"> <li>• Received ISF Grant of Rs 12920/- on 14/6/16, Cheque No. "884565"</li> </ul>
<b>Events Organized</b>	<p>1. <b>Two-day IETE workshop on 'Wireless Embedded Systems'</b> by TENET TECHNETRONICS was jointly organized by TCE &amp; ECE Department of K.S.I.T on 26th and 27th of February 2016 in Online Lab</p> <p>2. <b>One-day Faculty Development Program on "Writing research proposals"</b> was organized on 1st February 2016 for faculties of various departments at 10:00 AM in ECE Seminar Hall. Dr. S. Viswanadha Raju, Professor, JNTUH, Hyderabad, Telangana was the Guest speaker</p>

<b>2016-17</b>	
<b>Memberships</b>	<ul style="list-style-type: none"> <li>• Applied Memberships for 177 (116 ECE+61 TCE) students, DD "002491" dated 26/1/15 for Rs61,950/-</li> <li>• Received 177 Membership cards</li> </ul>
<b>ISF Grant Received</b>	<ul style="list-style-type: none"> <li>• Received ISF Grant of Rs 7080/- on 25/1/17, Cheque No. "634506"</li> </ul>
<b>Events Organised</b>	<p>1. <b>Guest Lecture on "Applications of Image Processing"</b> was organized on 20<sup>th</sup> August 2016 for final year students at 9.45 AM in Mechanical Seminar Hall. Dr. Debabrata Samanta, Associate professor, Dept. of Computer Applications, Dayananda Sagar College of Arts, Science and Commerce, Bangalore, India was the Guest speaker</p> <p>2. <b>Two-day IETE workshop on "ARM CORTEX'</b> by TENET TECHNETRONICS was jointly organized by TCE &amp; ECE Department of K.S.I.T on 27<sup>th</sup> and 28<sup>th</sup> of August 2016 in Online Lab, New Building, K.S. Institute of Technology, Bangalore</p> <p>3. <b>Four-day Faculty Development Program on "Raspberry Pi and its Applications in IoT"</b> was successfully conducted by The Department of Electronics and Communication Engineering, Computer Science and Engineering and Telecommunication Engineering, in association with IEEE, ISTE, and CSI-India, from 18<sup>th</sup> to 21<sup>st</sup> Jan 2017, under the banner of IETE at Mechanical Seminar Hall, New Block, KSIT.</p>

	4. <b>Guest Lecture</b> on “ <b>Field Theory and Its Applications in Antenna Design</b> ” was organized on 20 <sup>th</sup> February 2017 for IV Semester ECE & TCE students at 10.30 AM in Conference Hall. Dr. Chaitanya Kumar MV, Principal, HKBK College of Engineering, Bangalore was the Guest speaker.
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2017-18	
<b>Memberships</b>	<ul style="list-style-type: none"> <li>Applied Memberships for 178 (129 ECE+49 TCE) students, DD "002491" dated 3/11/17 for Rs62,300/-</li> </ul>
<b>ISF Grant Received</b>	<ul style="list-style-type: none"> <li>Received ISF Grant of Rs 7120/- on 10/1/18, Cheque No. "025872"</li> <li>Received ISF Grant of Rs 7120/- on 28/1/19, Cheque No. "026008"</li> </ul>
<b>Events Organised</b>	<ol style="list-style-type: none"> <li><b>Guest Lecture on Applications of Electromagnetic Field Theory</b> at K.S. Institute of Technology, Bangalore, 26<sup>th</sup> September 2017</li> <li><b>Two days' Workshop on Embedded System Design with MSP 430</b> at K.S. Institute of Technology, Bangalore, 9<sup>th</sup>-10<sup>th</sup> Feb. 2018.</li> <li><b>Two days' Workshop on Intro Aurdino</b> at K.S. Institute of Technology, Bangalore, 15<sup>th</sup>-16<sup>th</sup> Feb. 2018.</li> <li><b>Guest Lecture on Robotics and Artificial Intelligence</b> at K.S. Institute of Technology, Bangalore, 9<sup>th</sup> March 2018</li> </ol>

2018-19	
<b>Memberships</b>	<ul style="list-style-type: none"> <li>Applied Memberships for 138 (100 ECE+38 TC) students, DD "0070532" dated 02/11/2018 for Rs.48,300/-</li> </ul>
<b>ISF Grant</b>	<ul style="list-style-type: none"> <li>Received ISF Grant of Rs 5,520/-</li> <li>Received ISF Grant of Rs 11040/- on 1/7/19 by NEFT</li> </ul>
<b>Events Organised</b>	<ol style="list-style-type: none"> <li><b>Two days' Workshop on "MATLAB for Signal Processing Applications"</b> at K.S. Institute of Technology, Bangalore, 19<sup>h</sup> -20<sup>th</sup> November 2018 at K.S. Institute of Technology</li> <li><b>Guest Lecture on Machine Learning and Deep Learning Applications</b> at K.S. Institute of Technology, Bangalore, 5<sup>th</sup> October 2018</li> <li><b>Industrial visit to NAL-CSIR</b> (National Aerospace Laboratories-Council of Scientific and Industrial Visit) Wind Tunnel Centre located at Old Airport road, Kodihalli, Bangalore on 22<sup>nd</sup> March 2019.</li> </ol>

2019-20	
<b>Memberships</b>	<ul style="list-style-type: none"> <li>Applied Memberships for 151 (105 ECE+46 TC) students, DD</li> <li>" 008511" dated 23/09/19 for Rs 52,850</li> </ul>
<b>ISF Grant</b>	<ul style="list-style-type: none"> <li>Received ISF Grant of Rs 18,498/- on 30/1/20 by NEFT</li> </ul>
<b>Events Organized</b>	<ol style="list-style-type: none"> <li><b>Two days' workshop on "Image &amp; Video Processing using Raspberry Pi"</b> at K.S. Institute of Technology, Bangalore, 1st-2nd October 2019</li> <li><b>One day Workshop on "Biped Robotics"</b> at K.S. Institute of Technology, Bangalore, 30<sup>th</sup> September 2019.</li> <li><b>Guest Lecture on "Microwave Antennas: Advances and Applications"</b> at K.S. Institute of Technology, Bangalore, <b>31<sup>st</sup> August 2019</b></li> <li><b>One Week Social Awareness Program on "Side Effects of Mobile Phone and Wireless Radiations"</b> from 10<sup>th</sup>-16<sup>th</sup> August 2019 at K.S. Institute of Technology, Bangalore.</li> </ol>

<b>2020-21</b>	
<b>Memberships</b>	<ul style="list-style-type: none"> <li>• Received Memberships for 142 (121 ECE+21 TC) students, DD " 00963" dated 2/2/21 for Rs 29,820/-</li> </ul>
<b>Events Organized</b>	<ol style="list-style-type: none"> <li>1. <b>Webinar on "Short Range Wireless Communication"</b> at K.S. Institute of Technology, Bangalore, <b>14th September 2020.</b></li> <li>2. <b>Webinar on "Design of Antennas using Simulation Tools"</b> at K.S. Institute of Technology, Bangalore, 18th December 2020.</li> <li>3. <b>Webinar on "Cyber Security and Ethical Hacking"</b> at K.S. Institute of Technology, Bangalore, 11<sup>th</sup> June 2021.</li> <li>4. <b>Webinar on "Recent Developments in AI, ML, &amp; DL Implementations for Smart Intelligent Systems"</b> at K.S. Institute of Technology, Bangalore, 2<sup>nd</sup> July 2021.</li> </ol>

<b>2021-22</b>	
<b>ISF Grant</b>	<ul style="list-style-type: none"> <li>• Received ISF Grant of Rs 7455/- on 6/9/21 (cheque No "991186" dated 6/9/21)</li> </ul>
<b>Events Organized</b>	<ol style="list-style-type: none"> <li>1. <b>Webinar on "BASIC LATEX: DOCUMENTATION SOFTWARE"</b> by Dr. VN Manjunath Aradhya, Head, Dept. of Computer Applications, J.S.S. Science and Technology University, Mysuru, 27<sup>th</sup> Sep 2021.</li> <li>2. <b>Guest Lecture on "Indian Woman Scientists Association (IWSA): Funding Opportunities"</b> by Dr. Savithri Bhat, Convener, IWSA, Bangalore Branch, 12<sup>th</sup> Nov. 2021.</li> <li>3. <b>FDP on "Patent Drafting: Basics"</b> by Dr.Rekha N, Associate Professor, Dept. of ECE, KS. Institute of Technology, Bangalore, 17<sup>th</sup> Nov 2021</li> </ol>



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**IETE ISF ACTIVITIES 2014-15**

Sl. No.	Dates	Name of the Event	Photograph
1	12 <sup>th</sup> March 2015	Inauguration of IETE Students Forum (ISF)	A group of approximately ten people, including men in suits and women in sarees, are gathered for an inauguration ceremony. They are standing behind a traditional Indian lamp (diya) that is lit and placed on a decorative base. In the background, a banner reads 'K.S. INSTITUTE OF TECHNOLOGY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT OF TELECOMMUNICATION ENGINEERING Inauguration of IETE STUDENTS FORUM'.



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Sl. No.	Dates	Name of the Event	Photograph
1	26 <sup>th</sup> -27 <sup>th</sup> February 2016	Two-day IETE workshop on 'Wireless Embedded Systems' by TENET TECHNETRONICS	
2	1 <sup>st</sup> Feb 2016	One-day Faculty Development Program on "Writing research proposals", by Dr. S. Viswanadha Raju, Professor, JNTUH, Hyderabad, Telangana	

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Sl. No.	Dates	Name of the Event	Photograph
1	20 <sup>th</sup> August 2016	Guest Lecture on "Applications of Image Processing", by Dr. Debabrata Samantha, Associate Professor, Dayananda sagar College of Engineering, Bangalore	
2	27 <sup>th</sup> -28 <sup>th</sup> August 2016	Two Day Workshop on "ARM CORTEX", Mr.Umashankar Shetty, TENET Technetronics	 
3	18 <sup>th</sup> -21 <sup>st</sup> Jan 2017	Four Days FDP on "Raspberry Pi and its Applications in IoT", Mr. Ganeshan, CEO,Vishwajyothi Technologies, Bangalore.	
4	20 <sup>th</sup> Feb 2017	Guest Lecture on "Field Theory and Its Applications in Antenna Design", by Dr. Chaitanya Kumar MV, Principal, HKBK College of Engineering, Bangalore.	



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Sl. No.	Dates	Name of the Event	Photograph
1	9 <sup>th</sup> March 2018	Guest Lecture on "Robotics and Artificial Intelligence" by Dr. T.C.Manjunath, Professor and HoD, Dept. of ECE, Dayananda Sagar College of Engineering, Bangalore	
2	15 <sup>th</sup> -16 <sup>th</sup> Feb 2018	Two Days Workshop on "Intro Arduino" in association with Inversa Technosoft Pvt Ltd	
3	9 <sup>th</sup> & 10 <sup>th</sup> Feb 2018	A Two days' workshop on "Embedded System with MSP430" in association with Jyoti Embedded Labs, Bangalore	
4	26 <sup>th</sup> September 2017	Guest Lecture on "Applications of Electromagnetic Field Theory" by Dr. Chaitanya Kumar MV, Principal, HKBK College of Engineering, Bangalore	





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Sl. No.	Dates	Name of the Event	Photograph
1	22 <sup>nd</sup> March 2019.	Industrial visit to NAL-CSIR (National Aerospace Laboratories- Council of Scientific and Industrial Visit) Wind Tunnel Centre located at Old Airport road, Kodihalli, Bangalore	
2	19 <sup>th</sup> and 20 <sup>th</sup> November 2018	Two days' Workshop on "MATLAB for Signal Processing Applications", in association with, CoreEL Technologies, Bangalore	
3	5 <sup>th</sup> October 2018	Guest Lecture on "Machine Learning and Deep Learning Applications" by Mr. Pramod Kumar Naik, Senior Application Engineer, CoreEL Technologies, Bangalore	



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Sl. No.	Dates	Name of the Event	Photograph
1	31 <sup>st</sup> August 2019	Guest Lecture on "Microwave Antennas: Advances and Applications" by Dr.ChaitanyaKumar M.V,Principal PESIT & M.Shimoga	
2	10 <sup>th</sup> -16 <sup>th</sup> August 2019	One Week Social awareness program on "Side effects of Mobile Phone and Wireless Radiations"	
3	30 <sup>th</sup> September 2019	One-day workshop on "Biped Robotics", Avian Aerospace, Bangalore	
4	1 <sup>st</sup> -2 <sup>nd</sup> October 2019	Two days' workshop on "Image & Video Processing using Raspberry Pi ", in association with elos Technologies. Mr. Mahesh.B.S, Application Engineer, RS Components, Bangalore	





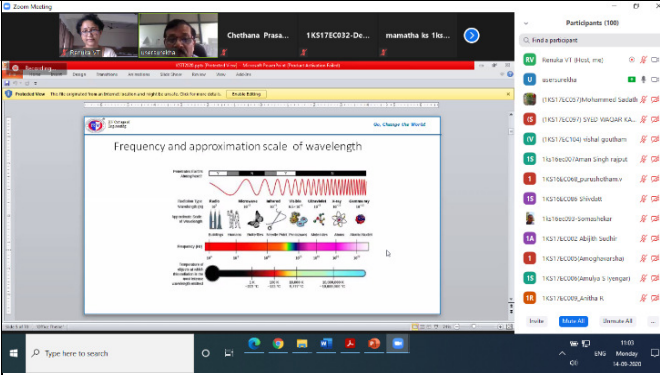
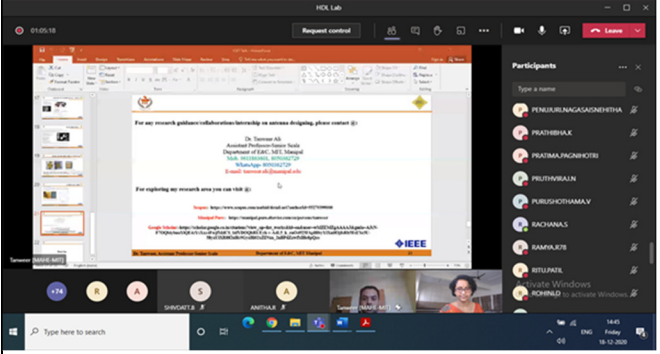

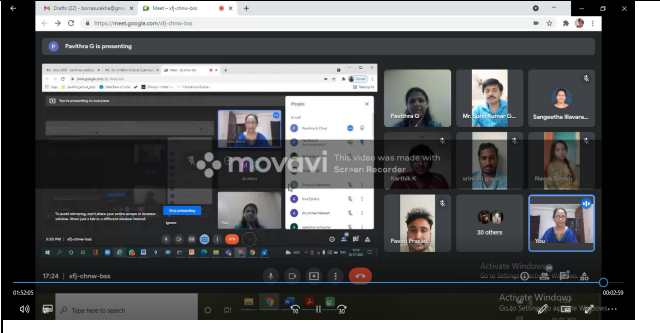
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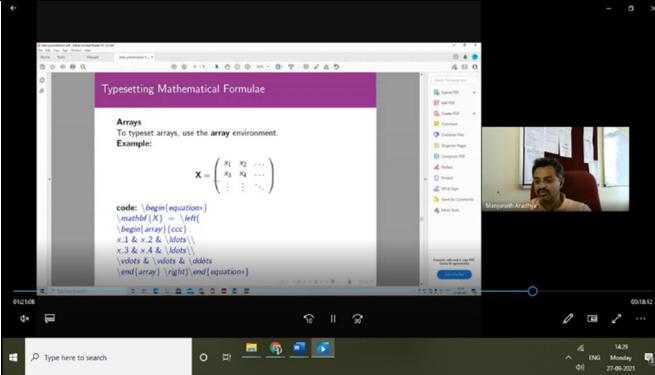
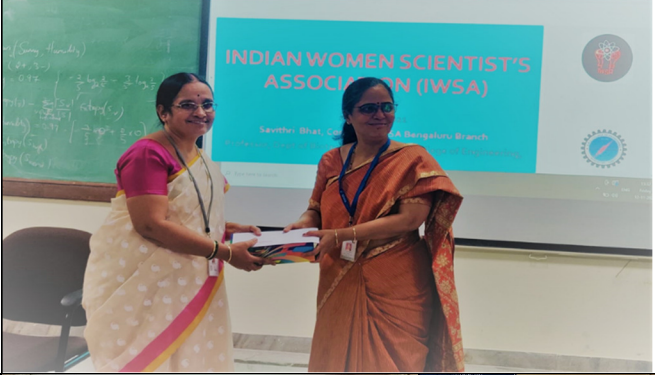

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Sl. No.	Dates	Name of the Event	Photograph
1	14 <sup>th</sup> Sept. 2020	A Webinar on "Short Range Wireless Communication" by Dr. G. Sadashivappa, Professor, Department of E & TC, RV College of Engineering Bengaluru	
2	18 <sup>th</sup> Dec 2020	A Webinar on "Design of Antennas Using Simulation Tools" by Dr. Tanweer Ali Senior Assistant Professor Department of ECE, Manipal Institute of Technology Manipal	
3	11 <sup>th</sup> June 2021	WEBINAR on "Cyber Security and Ethical Hacking" by Mr. Abhishek Mitra CEO & Founder Indian Cyber Security Solutions, Kolkata	
4	2 <sup>nd</sup> July 2021	WEBINAR on "Recent Developments in AI, ML, & DL Implementations for Smart Intelligent Systems" by Dr. Pavithra. G Associate Professor, Department of ECE, Dayanandasagar college of Engineering, Bangalore	

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**IETE ISF ACTIVITIES 2021-22**

Sl. No.	Dates	Name of the Event	Photograph
1	27 <sup>th</sup> Sept. 2021	A Webinar on “BASIC LATEX: DOCUMENTATION SOFTWARE” by Dr. VN Manjunath Aradhya, Head, Dept. of Computer Applications, J.S.S. Science and Technology University, Mysuru	
2	12 <sup>th</sup> Nov 2021	Guest Lecture on “Indian Woman Scientists Association (IWSA): Funding Opportunities” by Dr. Savithri Bhat Convener, IWSA, Bangalore Branch	
3	17 <sup>th</sup> Nov 2021	FDP on “Patent Drafting: Basics” by Dr.Rekha N, Associate Professor, Dept. of ECE, KS. Institute of Technology, Bangalore	
4	30 <sup>th</sup> April 2022	Guest Lecture on “Technology and Ethics” by Dr. Srinivas Padmanabhuni, CTO and Co-Founder, TestAlng.com, Bangalore.	