



ANNEXURE - 4

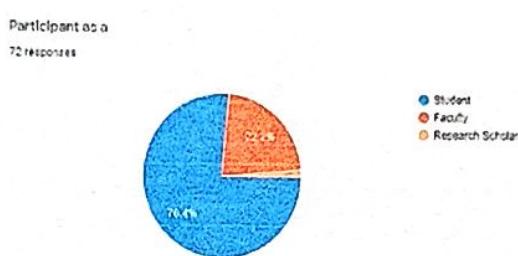
**DBT STAR COLLEGE SCHME ACTIVITY**

**October (2020-2021) Month Report**

**1. Name & Title of the Activity: National Webinar on “Integration of Renewables to Power Grid”**

**Date & Venue: 17.10.2020 & Google Meet Platform**

**Beneficiary & Number of Beneficiaries:**



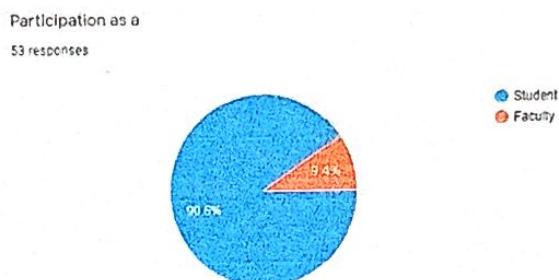
Brief Description	Outcome
Energy is an indispensable factor for the economic growth and development of a country. Energy consumption is rapidly increasing worldwide. To fulfil this energy demand, alternative energy sources and efficient utilization are being explored. Various sources of renewable energy and their efficient utilization are discussed in this webinar	Results show that renewable energy resources are becoming more prevalent as more electricity generation becomes necessary and could provide half of the total energy demands by 2050. To satisfy the future energy demand, the power grid system can be used as an efficient system for energy security. The power grid also delivers significant environmental benefits by conservation and renewable generation integration.
Photo 1	Photo 2
<b>Caption: Invitation</b>	<b>Caption: Live on our college YouTube channel.</b> <b>Link is <a href="https://youtu.be/xruJ9q-4rL0">https://youtu.be/xruJ9q-4rL0</a></b>



**2. Name & Title of the Activity: International Webinar on “Mindler Talks on Career Development”**

**Date & Venue: 22.10.2020 & Microsoft Teams Platform**

**Beneficiary & Number of Beneficiaries:**



Brief Description	Outcome
In this webinar, how students make an appropriate career choice and why they should do it now. Making a career choice takes lot of efforts which requires self-analysis as well as considering academic preferences.	<p>Students</p> <ul style="list-style-type: none"> <li>clarify their career goals.</li> <li>determined their strengths and weaknesses.</li> <li>learn key skills.</li> <li>broaden their perspective.</li> <li>develop the right strategies.</li> <li>gained job search support.</li> <li>It helps students understand their career options.</li> </ul>
<b>Photo 1</b>	<b>Photo 2</b>
<p><b>G. Venkataswamy Naidu College, Kovilpatti</b> (Autonomous) Re-accredited with 'A' grade (3.71 of 4.0) by NAAC STAR College by DBT, Govt. of India Under the Management of the G. Venkataswamy Naidu Group by Panchayati Raj and Municipal Board, Coimbatore</p> <p>Department of Electronics Cordially invite you to join the International level webinar <b>“Mindler Talks on Career Development”</b> (DBT-MST STAR College Activity)</p> <p><b>Resource Person</b> Mr. Preeti Ravi, Electrical Engineer, Starcoast Corporation, Canada.</p> <p><b>Microsoft Teams</b> Click here to join the meeting</p> <p>Join us on 22.10.2020 (Thursday) at 09:00am IST</p> <p><b>Patron</b> Dr. P. Mahendran, Vice-Principal</p> <p><b>Chairman</b> Dr. N. R. Srinivas Malavarkar, Principal Dr. G. Venkataswamy Naidu</p> <p><b>DBT - Coordinator</b> Dr. B. Mahesh Kumar, Assistant Professor &amp; Head, Department of Botany</p> <p><b>Convenor</b> Mrs. R. Manimangalal, Assistant Professor &amp; Head</p> <p><b>Coordinator</b> Mr. S. Sankarganesh Ms. G. Jayaguru Ms. V. Srivarambalu Mr. P. Venkata Raja Assistant Professors, Department of Electronics</p> <p>Registration Link : <a href="https://forms.gle/mxGw6ScJLs4HfC0">https://forms.gle/mxGw6ScJLs4HfC0</a> "All Men Are Created Equal But Only The Finest Study Electronics"</p>	

**Caption: Invitation**

**Caption: Live on our college YouTube Channel. Link is**  
[\*\*https://youtu.be/LVOBUxbXP2U\*\*](https://youtu.be/LVOBUxbXP2U)



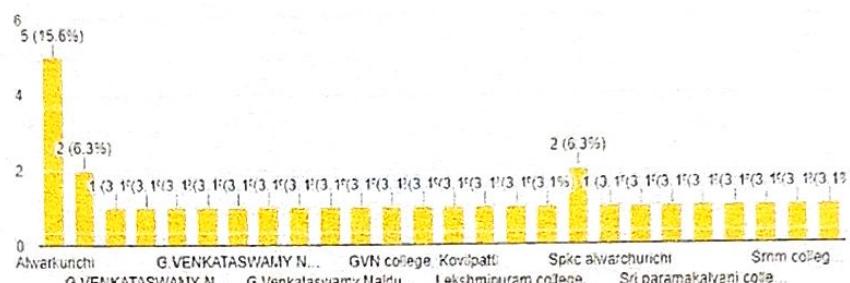
**3. Name & Title of the Activity: Online FDP on “Effective Utilization of Digital Storage Oscilloscope”**

**Date & Venue: 29.10.2020 & Google Meet Platform**

**Beneficiary & Number of Beneficiaries:**

Name and Place of your Institution

32 responses



Brief Description	Outcome
<p>A digital storage oscilloscope is an instrument which stores a digital copy of the waveform in the digital memory which it analyses further using digital signal processing techniques rather than using analogue techniques. This FDP brings out the working principle of DSO to faculties who working in Electronics Department from various colleges.</p>	<p>Faculties attained adequate knowledge in</p> <ul style="list-style-type: none"> <li>• testing signal voltage in circuit debugging.</li> <li>• testing of signals voltage in radio broadcasting equipment.</li> <li>• audio and video recording equipment.</li> </ul>
Photo 1	Photo 2
<p>The invitation letter is from G. Venkataswamy Naidu College, Kovilpatti. It is a STAR College Activity. The date is 29.10.2020 (Thursday) at 10.00 am. The conference is conducted by Google Meet. The registration link is <a href="https://forms.gle/77AMJHR-NR2J86U">https://forms.gle/77AMJHR-NR2J86U</a>. The caption reads: "All Men Are Created Equal But Only The Finest Study Electronics".</p>	
Caption: Invitation	Caption: YouTube Channel Link is <a href="https://youtu.be/LV0BUxbXP2U">https://youtu.be/LV0BUxbXP2U</a>



**November (2020-2021) Month Report**

**4. Name & Title of the Activity:** Webinar on “Our body heat could charge future wearable Electronics”

**Date & Venue:** 23.11.2020 & Google Meet Platform

**Beneficiary & Number of Beneficiaries:**

81 responses



<b>Brief Description</b>	<b>Outcome</b>
<p>This webinar is mainly concentrate about the future wearable and flexible electronics devices and its material selection criteria and their impact on the environmental factors. And also it concentrates on the device making procedure at research level in the laboratory at IIITDM.</p>	<p>The participants got the ongoing research activity in the area of future flexible electronics devices. And they got to know how the research is incorporated in the laboratory and also they know what are all the current research happening in the research laboratories around the world about wearable electronics. And the possibility of taking internship with the IIITDM is discussed with the chief guest.</p>
<b>Photo 1</b>	<b>Photo 2</b>
<p><b>G. Venkataswamy Naidu College, Kovilpatti (Autonomous)</b> Re-accredited with 'A' grade (3.21 of 4.0) by NAAC BTAR College by DBT, Govt. of India Under the Management of The G. Venkataswamy Andheri Charitable Trust for Education and Welfare Board, Kovilpatti</p> <p><b>Department of Electronics</b> Cordially invites you to join the online webinar <b>“Our body heat could charge future wearable Electronics”</b> (DBT-MST STAR College Activity)</p> <p><b>Resource Person</b> Dr. V. Pandiarasan, BTAR Faculty, Department of ECE, IIITDM Kancheepuram, Chennai.</p> <p><b>Meet</b> <a href="https://meet.google.com/px-ox-uh/lnqyqk">https://meet.google.com/px-ox-uh/lnqyqk</a></p> <p><b>Join us on 23.11.2020 (Monday) at 10:00am</b></p> <p><b>Patron</b> Dr. P. Mahendran, Secretary</p> <p><b>Chairman</b> Dr. N. R. Suresh Maleswari, Principal &amp; Dr. G. Venkataswamy, Director</p> <p><b>DBT - Coordinator</b> Dr. R. Mahesh Kumar, Assistant Professor &amp; Head, Department of Botany</p> <p><b>Convenor</b> Mrs. R. Monimgalai, Assistant Professor &amp; Head</p> <p><b>Coordinators</b> Mr. S. Sekaranganesan Ms. G. Jayapriya Ms. A. Srivannanubbi Mr. P. Varava Raja, Assistant Professors, Department of Electronics</p> <p><b>Registration Link :</b> <a href="https://forms.gle/Rg98KemEhJbf6nx6">https://forms.gle/Rg98KemEhJbf6nx6</a> "All Men Are Created Equal But Only The Finest Study Electronics"</p>	
<b>Caption: Invitation</b>	<b>Caption: Live on our college YouTube channel.</b> <b>Link is <a href="https://youtu.be/jAfHTctei2U">https://youtu.be/jAfHTctei2U</a></b>

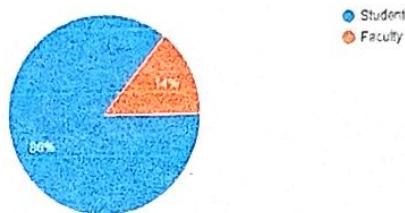


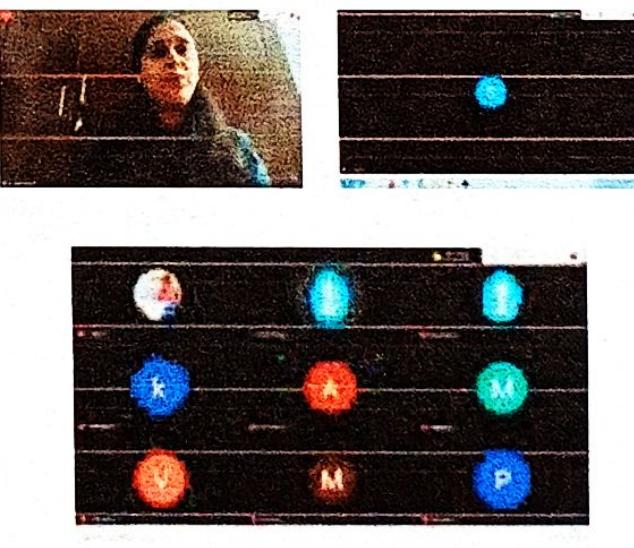
**5. Name & Title of the Activity: Two Day Workshop on "Radio Career"**

Date & Venue: 24.11.2020 & 27.11.2020 – Google Meet Platform

**Beneficiary & Number of Beneficiaries:**

353 responses



Brief Description	Outcome
<p>The radio industries' responsibility to the public is very high and deadlines must be met along with quality standards. Radio broadcasters need some specific skills and qualities. When people think of radio, they only think of a radio Jockey, but there are so many career options inside a radio station! It is almost like any other corporate. The main aim of this workshop was split between creative, technical and management positions.</p>	<p>Based on the finding, Two Day Workshop on "Radio Career" gives positive effect to participants. They adequate attained knowledge in various fields like Administration, Technical, Script Writing, Programme Executive, Transmission Executive, Advertisement and Front Office sections of a Radio Station.</p> <p>Note: The second day (25.11.2020) of a Radio Career workshop has been rescheduled on 27.11.2020 due to Nivar Cyclone.</p>
<p><b>Photo 1</b></p>	<p><b>Photo 2</b></p>
	



**6. Name & Title of the Activity: International Webinar on “Internet of Things”**

**Date & Venue: 27.11.2020 & Google Meet Platform**

**Beneficiary & Number of Beneficiaries:**

30 responses



<b>Brief Description</b>	<b>Outcome</b>
Importance of IoT is discussed for the current and future trends in this session. Design consideration and security issues are also discussed and CISCO packet tracer is simulated for a real time scenario with wired as well as wireless IoT solutions.	The participants attained knowledge in IoT design considerations and security threats with increasing amount of penetration of IoT devices into the common people's life. The participants also given exposure to use of CISCO packet tracer for simulating real world IoT problems and its solution with wired and wireless sensor networks.
<b>Photo 1</b>	<b>Photo 2</b>
<b>Caption: Invitation</b>	<b>Caption: YouTube Channel Link is <a href="https://youtu.be/uRwZfLRFYAM">https://youtu.be/uRwZfLRFYAM</a></b>

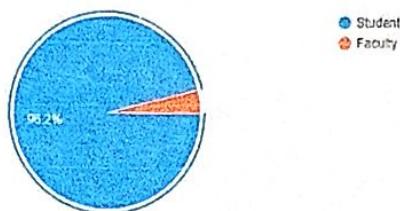


**December (2020-2021) Month Report**

**7. Name & Title of the Activity: One Day Webinar on "Role of Electronics in Biomedical Industries"**

**Date & Venue: 11.12.2020 & Google Meet Platform**

**Beneficiary & Number of Beneficiaries:**



<b>Brief Description</b>	<b>Outcome</b>
Importances of electronics in Biomedical Industries are discussed. Especially the sensors and instrument used are discussed and also discussed about the synchronous operating nature of mechanical parts, electrical and electronics parts. Various biomedical instrumentations are explained.	The participants attained knowledge in the field of biomedical instruments and their electrical, electronic control circuitry and their clever design. The participants also got understand the inter department operability nature of the instruments.
<b>Photo 1</b>	<b>Photo 2</b>
<b>Caption: Invitation</b>	<b>Caption: YouTube Channel Link is</b> <a href="https://youtu.be/aeNKiTq84KE">https://youtu.be/aeNKiTq84KE</a>

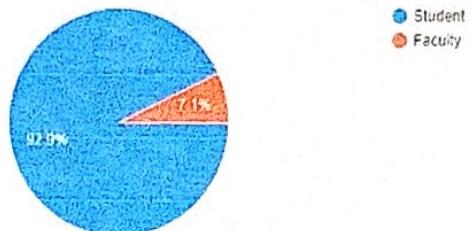


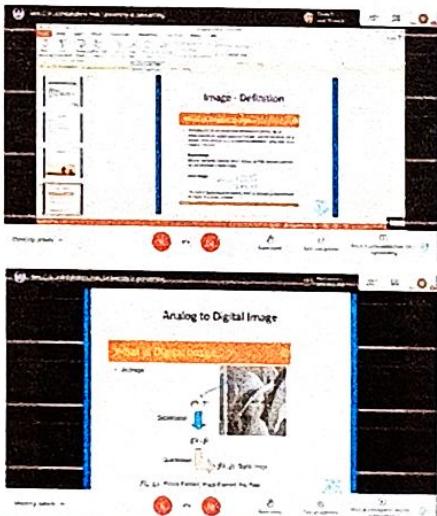
**9. Name & Title of the Activity: Webinar on “Interesting Image Processing”**

**Date & Venue: 25.01.2021 & Google Meet Platform**

**Beneficiary & Number of Beneficiaries:**

Are you a \_\_\_\_\_  
42 responses



<b>Brief Description</b>	<b>Outcome</b>
Importance of image processing is discussed for the current and future trends of artificial intelligence. And also this session discussed some important image processing functions to process an image.	The participants attained knowledge in image processing and image colouring and histograms to do image processing.  The participants also attained knowledge about the innovations in remote sensing image processing and artificial intelligence field using image processing.
<b>Photo 1</b>	<b>Photo 2</b>
	
<b>Caption: Invitation</b>	<b>Caption: YouTube Channel Link is</b> <a href="https://youtu.be/TEP3pL5ptbc">https://youtu.be/TEP3pL5ptbc</a>

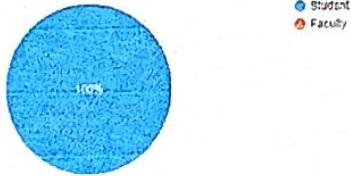


**10. Name & Title of the Activity: Webinar on “Recent trends in Optical Fiber Communication”**

**Date & Venue: 31.01.2021 & Google Meet Platform**

**Beneficiary & Number of Beneficiaries:**

Are you a \_\_\_\_\_  
25 responses



<b>Brief Description</b>	<b>Outcome</b>
This webinar is mainly concentrate about the recent innovations and the future aspects in the area of optical fiber communications. And also it concentrates on the challenges in optical fiber communication system.	The participants got the ongoing research activity in the area of optical fiber communication networks. And they got to know the innovations done in the field of optical fiber communications and also they know about all the constraints in this optical fiber communication field.
<b>Photo 1</b>	<b>Photo 2</b>
<b>Caption: Invitation</b>	<b>Caption: Live on our college YouTube channel. Link is <a href="https://youtu.be/KyaTw_GJIEo">https://youtu.be/KyaTw_GJIEo</a></b>



**February (2020-2021) Month Report**

**11. Name & Title of the Activity: Seminar on “Enhancing Technical Skills”**

**Date & Venue: 11.02.2021 & Electronics Department**

**Beneficiary & Number of Beneficiaries: 55 Students**

<b>Brief Description</b>	<b>Outcome</b>
<p>This webinar is mainly concentrate about to educate the attendee to enhance their technical skills that are need in a working environment in electronics industries. And also it focused on the expectation of industries from a fresh electronic graduate.</p>	<p>The participants got the awareness about the expectation of an industry from them as a graduate. And also they realize the area of improvement in their technical skills, positive attitude and analytical thinking to solve a problem in a smart and cost effective manner.</p>
<b>Photo 1</b>	<b>Photo 2</b>
	
<b>Caption: Invitation</b>	<b>Caption: Mr.N.R.Balamurugan gives a face to face lecture to our students on 11.02.2021</b>

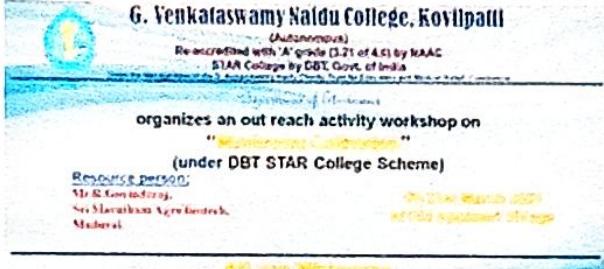


**March (2020-2021) Month Report**

**12. Name & Title of the Activity:** An outreach activity workshop on "Mushroom Cultivation"

**Date & Venue:** 21.03.2021 & Old Appaneri Village

**Beneficiary & Number of Beneficiaries:** 58 people of Old Appaneri Village

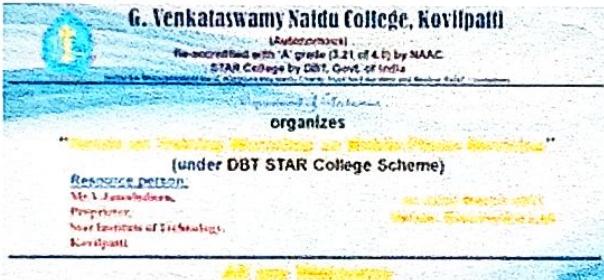
<b>Brief Description</b>	<b>Outcome</b>
<p>The importance of mushroom as a food source and its nutritional value is discussed. The market demand and Oyster, Milk mushroom cultivation techniques are also discussed and demonstrated to the attendees. Also the hands-on training is given to the attendees and encourages the attendees to trial the mushroom growing as a business.</p>	<p>The participants got hands-on training on mushroom-bed preparation.</p> <p>The participants got knowledge about the full life cycle of the mushrooms.</p> <p>And also they got the method to prepare mushroom pappadam, mushroom pickle and similar products.</p>
<b>Photo 1</b>	<b>Photo 2</b>
 <p><b>G. Venkataswamy Naidu College, Kovilpatti</b> (Autonomous) Re-accredited with 'A' grade (3.21 of 4.0) by NAAC STAR College by DBT, Govt. of India</p> <p>organizes an out reach activity workshop on "Mushroom Cultivation" (under DBT STAR College Scheme)</p> <p>RESOURCE PERSONS Mr. R. Govindaraj, Sri Mahadevan Agro-BioTech, Madurai</p> <p>DATE &amp; TIME 21.03.2021   10:30 AM VENUE Old Appaneri Village</p>	 <p>Palaya Appaneri, Tamil Nadu, India Chennampatti Rd, Palaya Appaneri, Tamil Nadu 628502, India Lat N 9° 12' 24.102" Long E 77° 52' 6.542" 21.03.21 12:53 PM</p> <p>Newappaneri, Tamil Nadu, India Kavithalai - Theepankarai Main Rd, Newappaneri, Tamil Nadu 628502, India Lat N 9° 11' 58.207" Long E 77° 49' 35.554" 21.03.21 11:45 AM</p>
<b>Caption: Invitation</b>	<b>Caption: Live on our college YouTube Channel. Link is</b> <a href="https://youtu.be/DxU_ONI-PBA">https://youtu.be/DxU_ONI-PBA</a>



**13. Name & Title of the Activity: One Day Hands on Training Workshop on  
 “Mobile Phone Servicing”**

**Date & Venue: 22.03.2021 & Electronics Lab**

**Beneficiary & Number of Beneficiaries: 55 Students**

<b>Brief Description</b>	<b>Outcome</b>
As the great penetration of mobile phones in India, there is always having demand for the mobile phone repairing shop and technicians. And so this program is organized to give training to the students to acquire the knowledge about the problems and its solutions arises in the mobile phone.	The participants got knowledge in mobile phone servicing that includes audio problems, microphone problems, display problems and battery replacements.
<b>Photo 1</b>	<b>Photo 2</b>
	
<b>Caption: Invitation</b>	<b>Caption: Mr. V. Jamaludheen gives hands on training to our students</b>

**DBT Coordinator**

**Principal**