



MOHAMED SATHAK

A J COLLEGE OF ENGINEERING

34, Rajiv Gandhi Salai (OMR), Siruseri IT Park, Chennai - 603103



Department of Electrical and Electronics Engineering

WEBINAR REPORT

Piezoelectric Based Energy Harvesting Techniques

Department:	Electrical and Electronics Engineering	
Type of Event:	WEBINAR	
Event Title:	PIEZOELECTRIC BASED ENERGY HARVESTING TECHNIQUES	
Date & Time:	03.06.20 & 10.30 am - 11.30 am	
Venue / Mode (Platform):	Online mode (Youtube Live) : 3000+ Views	
Organizer:	Dr.I.Manju, HOD/EEE	
Coordinator(s):	Ms.S.Radhika, AP/EEE & Ms.P.Nisha, AP/EEE	
Details of Participants:	External participants from various institution like Academicians, Researchers, Industry & Students and faculty members of MSAJCE	
Profile of the Chief Guest(s)	DAY- 1 (03.06.2020)	
	Name of the Guest Speaker	Dr.D.Ezhilarasi
	Organization	NIT, Trichy
	Designation	Associate Professor
Write-up on Event	<p>The webinar started with 900 participants in you tube live from different domain on 03/06/2020 at 10.30 AM with welcome address and introduction of chief guest by Ms.S.Radhika , AP/EEE - MSAJCE.</p> <p>On 03/06/2020 (Wednesday) session was handled by the guest speaker Dr.D.Ezhilarasi, Associate Professor, NIT Trichy.</p> <p>The speaker elaborated in detail about,</p> <ul style="list-style-type: none"> ➤ What is piezoelectric energy harvesting ➤ What are the low power range for energy harvesting solutions. ➤ Available Energy Sources in the environment and its applications. ➤ Energy Harvester Applications. ➤ What is Energy Harvesting Technologies (ETH) – Research ➤ How Piezoelectric materials functions 	

- What are the Smart materials used for AEH
- Explained about a complete vibration Energy Harvester
- Properties of Beam and Piezoelectric Crystal
- What is Random Vibration Energy Harvesting
- Energy Harvesting through Magnetic Plucking
- Energy Harvesting from Walking

and differentiated the same with suitable examples to make the participants understand clearly. In the discussion time with the participants, she answered all the questions patiently up to the participants satisfaction and she meticulously elaborated in detail for the participants questions. Finally Ms.P.Nisha AP/EEE proposed the vote of thanks to the chief guest, guest of honour, participants and organizers.

Total number of participants registered for this webinar : 2060 Participants

Assistant Professor	: 868	(41.7 %)
Associate Professor	: 146	(7.1 %)
Professor	: 75	(3.6 %)
Research Scholar	: 89	(4.3 %)
Industry Person	: 28	(1.4 %)
Student	: 864	(41.9 %)

Participants Registered State Responses :

Tamilnadu	: 1412	(68.5 %)	Madhya Pradesh	: 4	(0.2 %)
Andhra Pradesh	: 188	(9.1 %)	Maharashtra	: 235	(11.4 %)
Arunachal Pradesh	: 1		Odisha	: 5	(0.2 %)
Assam	: 1		Punjab	: 2	(0.1 %)
Bihar	: 4	(0.2 %)	Rajasthan	: 16	(0.8 %)
Chatisgarh	: 5	(0.2 %)	Telangana	: 65	(3.2%)
Gujarat	: 6	(0.3 %)	Uttar Pradesh	:16	(0.8%)
Haryana	: 7	(0.3 %)	West Bengal	: 3	(0.1 %)
Jharkhand	: 1		Pondicherry	: 22	(1.1 %)
Karnataka	: 31	(1.5 %)	Others	: 13	(0.6 %)
Kerala	: 23	(1.1 %)			

Feedback Responses : 1624 Responses :

1. How satisfied were you with the session content?

5 Points	: 1158	(71.3 %)
4 Points	: 415	(25.6 %)
3 Points	: 37	(2.3 %)
2 Points	: 10	(0.6 %)
1 Points	: 4	(0.2 %)

2. Whether the speakers have delivered to your expectations?

Excellent : 1068 (65.8 %)
Good : 463 (28.5 %)
Satisfactory : 87 (5.4 %)
Poor : 6 (0.4 %)

3. Do you think the event met its goals?

5 Points : 1079 (66.4 %)
4 Points : 471 (29 %)
3 Points : 61 (3.8 %)
4 Points : 7 (0.4 %)
1 Points : 6 (0.4 %)

4. How would you rate the organization of this event?

5 Points : 1096 (67.5 %)
4 Points : 452 (27.8 %)
3 Points : 66 (4.1 %)
4 Points : 8 (0.5 %)
1 Points : 2 (0.1 %)

5. Overall, how would you rate the event?

Excellent : 882
Satisfactory : 481
Good : 303

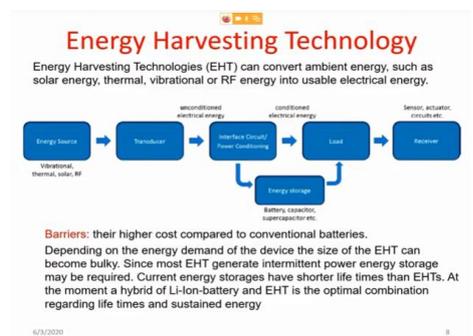
6. Will you join us in our future program?

Yes : 1598 (98.4%)
No : 26 (1.6 %)

Photographs



Presentation by Dr.D.Ezhilarasi



Presentation Slide

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Department of Electrical and Electronics Engineering
LIVE WEBINAR
PIEZOELECTRIC BASED ENERGY HARVESTING TECHNIQUES

Dr. D. Ezhilarasi
Associate Professor,
Department of Instrumentation & Control Engineering, NIT, Trichy

03rd June 2020
10.30 AM to 11.30 AM

Convener : Dr I. Manju
Co ordinator : Ms Nisha.P, Ms Radhika.S
Contact : 8220603233

Online Registration
<https://forms.gle/1acVYM5wWR3fqCX8>

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Department of Electrical and Electronics Engineering
Piezoelectric Based Energy Harvesting Techniques

3K+ VIEWS

96.5% Feedback

95.43% Responses

93-95% Check, how would you rate the Event?

Share Responses

Aradhya	9%	Aradhya	9%
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Aradhya	9%	Aradhya	9%

Convener: Dr. I. Manju
Co-ordinator: Mrs. S. Radhika & Mrs. P. Nisha

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Event Brochure

Analysis Report

Feedback from the participants

Mrs.S.SATHYA

ASSISTANT PROFESSOR, CAUSSANEL COLLEGE OF ARTS AND SCIENCE, MUTHUPETTAI, RAMANATHAPURAM.

Feedback Given: **It's very informative. Much more things learned from this webinar. Thank you for the speaker and a special thanks for organising committee.**

Ms.AAKANKSHA DADASO KADAM

Annasaheb Dange College of Engineering & Technology, Maharashtra

Feedback Given: **No any suggestions because session was very good to acquire some knowledge about piezoelectric material.**

MANIKANDAN GANESAN

LECTURE, DEPARTMENT OF ELECTROMECHANICAL ENGINEERING, INSTITUTE OF TECHNOLOGY, HAWASSA UNIVERSITY, ETHIOPIA

Feedback Given: **Need you tube link for download the presentation to keep the future research work reference.**

VISAK V R

B.E/EEE – III Year Student , Meenakshi College of Engineering, Chennai

Feedback Given: **The webinar conducted about the piezoelectric energy was good and has cleared many of my doubts.**

Dr.I.RATHINAMALA ,

Assistant Profesor/Physics , V.V.Vanniaperumal College for Women, Virudhunagar

Feedback Given: **The resource person explained the theme very nice. It was easy to understand. Thanks the organizers for getting such a nice webinar.**