



Alumni's Diary

Alumni Seminar Series @Department of MSME

Dr Swapnil Ghodke (R)
 MTech, 2013, Post-Doctoral Researcher,
 Center for Low-temperature Plasma Sciences (cLPS)
 Nagoya University, Nagoya, Japan,
 Ms Monica Singhal (L)
 PhD Scholar

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Piezoelectric material helps in the detection of Breast cancer: an expert said at an event held at IIT Hyderabad

Recently, breast cancer has been a growing health concern across the globe. Dr. Karthik Thangavelu at an event held at IIT Hyderabad said that a thermal sensor-based device working on the principle of piezoelectric material has been developed for screening breast cancer at the Centre for Materials for Electronics Technology (C-MET), Kerala.

The pandemic has brought crisis but has also given an opportunity with digital platforms to connect people without any geographical limitations. This time, the faculty of the MSME department and Dr. Swapnil Ghodke, an alumna of IIT Hyderabad have taken an initiative to organize its first alumni seminar series which aims to connect alumni, students, and faculties on a digital platform discussing significant technical issues and advancements. This seminar is expected to happen once every three months, and in its first phase, there will be seven alumni seminar meets. In every seminar, one alumni speaker will share his views on his area of expertise. 7 alumni Dr. Karthik T (India), Dr. Dan Sathairaj (India), Dr. Pankaj Sahlot (India), Dr. Kanwal Chadda (Canada), Dr. Elango Chandiran (Japan), Dr. Zaid Ahmad Mohammed (Czech Republic), and Dr. Swapnil Ghodke (Japan), the prominent scientists in their respective fields have volunteered to be part of its first phase.

The inaugural event was held on 18th September 2021 which was attended by 65+ alumni, students, and faculty members of the MSME Department.

Dr Karthik T has presented a seminar on "Piezoelectric Materials and Devices: A technological perspective". Dr Karthik's talk covered the brief activities of C-MET Thrissur with a strong emphasis on the piezoelectric based devices and the importance of the materials design, processing of the piezoelectric actuators and devices for defence and space was discussed. The talk also emphasized the need for indigenous piezoelectric based devices for the country's strategic and commercial requirements. Along with it another highlight of the event was the "Panel discussion & student session" where current PhD students and alumni discussed the challenges faced during PhD and opportunities after PhD in different fields.

Certainly, this event has given an opportunity for alumni and students to discuss the ongoing technological trends which will further help the current students to upgrade their skills. It has also provided a chance for alumni to interact with their former teachers and helps the alumni to notice the various changes through which the college has gone through over the past few years.

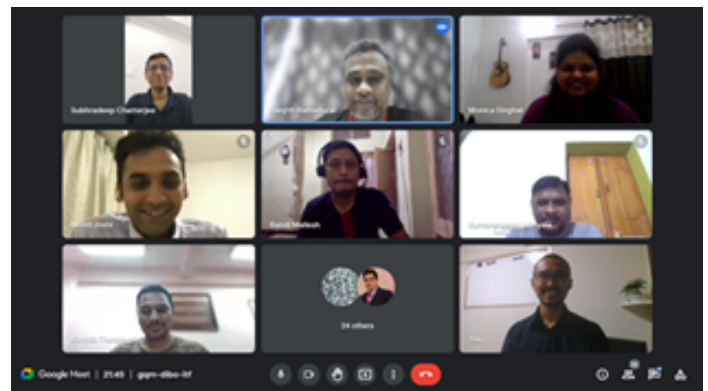


Fig. 35: Participants during the session

2020 Excellence in Academics awardee message for PhD Scholars



Dr Bhavesh Garg

PhD, Department of Liberal Arts,
IIT Hyderabad (2018)
Assistant Professor, Economics
Dept. of Humanities & Social Sciences
IIT Ropar

Things have been strenuous for everyone in the troubling present, especially for the research scholars. Almost everything is virtual, be it seminars, conversations with friends, or learning; there is an apparent loss of moral support we always seek from our peers in this lone PhD journey.

Of late, the job market is severely affected due to the current crisis. Hence, it is all the more important that the near-graduating scholars are more careful about their mental health and view the current situation as a temporary constraint.

It is vital that we become a source of strength for each other to get over these grey days and emerge stronger.

"Excellent Services to the National Programs 2020" awardee message



Mr. Pranay Ramesh Patil

BTech, Electrical Engineering,
IIT Hyderabad (2013)
Consultant to the Asian Development Bank

"The current pandemic has shown us that robust technological solutions can significantly aid our fight against the coronavirus.

I'm very happy to see the IITH community working actively towards building solutions for mitigating COVID-19. I want to urge the IITH fraternity to utilize the same zeal and enthusiasm to ideate, invent and innovate for other emerging needs during these trying times.

The future generations of the country shall look up to us as torchbearer technologists who turned this calamity into an opportunity. I'm most confident in the capabilities of the IITH Family, and I'll be happy to support the efforts in any possible way."

"Excellence in Academics" awardee message



Dr Dan Sathiaraj

PhD, Materials science and Metallurgical
Engineering, IIT Hyderabad (2016)
Assistant Professor,
Department of Mechanical Engineering,
IIT Indore

The current pandemic situation has changed our student's everyday life imposing unprecedented educational changes. The temporary university closures have affected our educational system and placed substantial mental stress on students and professors.

Nowadays, staying motivated can be difficult for many students. It is okay to expect less from yourself right now. Staying motivated, mentally healthy, and positive attitude can help refocus our thoughts away from these difficult times and towards a prosperous future.

Let Us Fight the Global Pandemic Together!!!

IIT Hyderabad Congratulates...

Dr K T Hafeez,
VP Engineering, Green PMU Semi Pvt Ltd
&

Dr R Sai Chandra Teja,
Chief Operating Officer, COO, Green PMU Semi Pvt Ltd

For their startup selection into

1st Cohort of "Semiconductor Startup
Incubation & Acceleration Program" by
NxP Semiconductor and FabCI IIT
Hyderabad



Dr K T Hafeez
MTech '2011 & PhD '2021, Dept. of EE



Dr R Sai Chandra Teja
MTech '2012, Dept. of EE

IIT Hyderabad Congratulates...

Ms Maitrayee Tiwari

MSc, 2013-2015
Department of Physics

for receiving the

Postdoctoral Scientist Prize for
Excellence - 2020-21



Testimonies & Recognitions