



DST-AMRITA
TECHNOLOGY
ENABLING
CENTRE

**DST-
AMRITA TEC
@ AMRITA**

2021
January-June

Newsletter



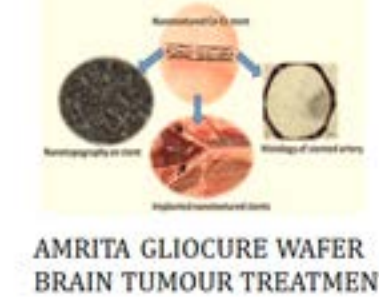
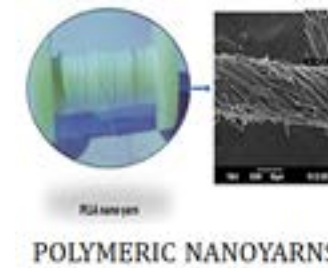
NEWS

Technology Enabling Centre at Amrita has successfully commercialized N96 Nano Mask. The mask is developed by Center for Nanoscience Amrita Vishwa Vidhyapeetham and Manufactured by Amrita Enterprises Private Ltd.

The mask has been tested by the South India Textile Research Association (SITRA), the premier laboratory supported by the Ministry of Textiles, Government of India and the mask was successfully offered online through Flipkart. First 6 orders were received by 21st March and successfully dispatched by 23rd March, 2021



Products Developed & Being Commercialized



Various Components of IoT Middleware: Tiotm is designed to be a secure, scalable, interoperable IoT Middleware.

TEC@Amrita signed an NDA with HET



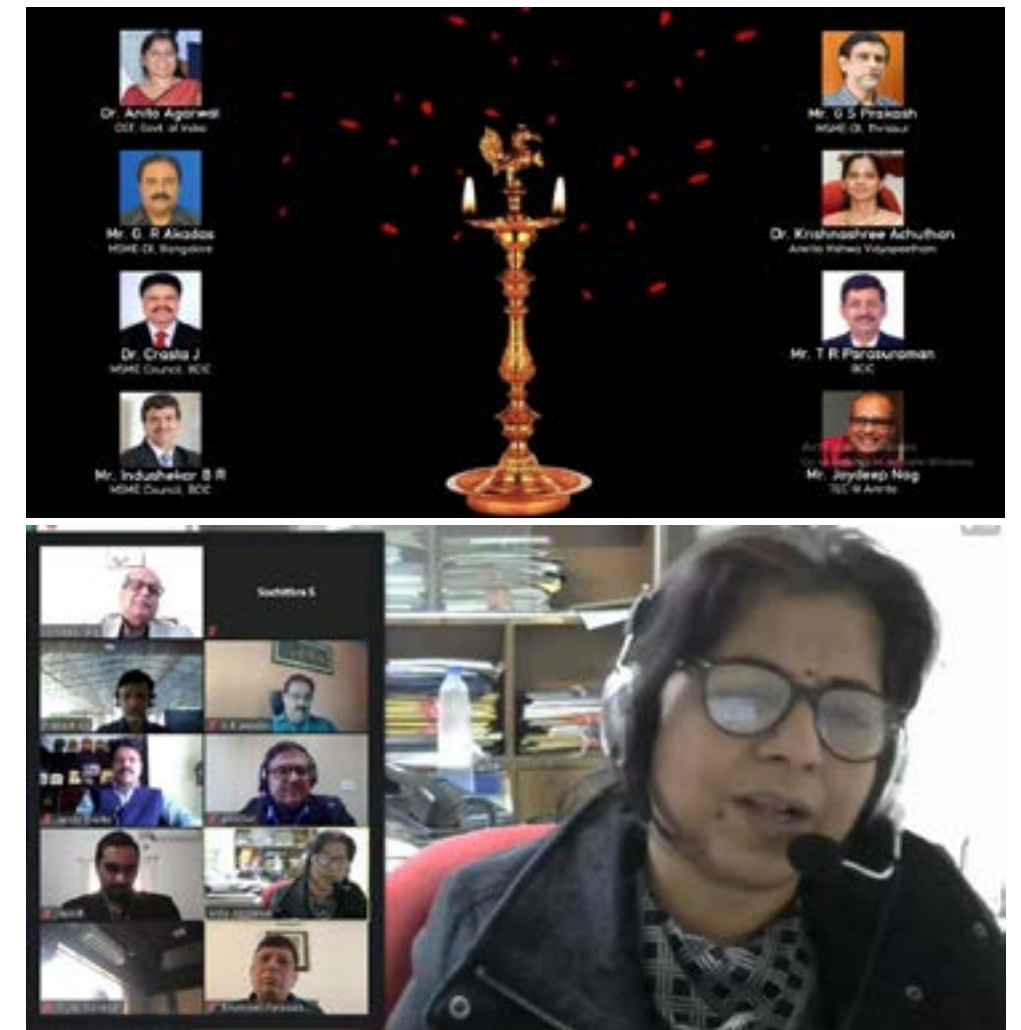
Mr. Joydeep Nag, Director, BCIC Bangalore, is presenting the award to Mr. Jaydeep Nag, Director, BCIC Bangalore, for his participation in the Emerging Stars Participation Programme. The award was given to facilitate participants who made the program successful.

EVENTS CONDUCTED

Launch of KNOWLEDGE EXCHANGE Webinar Series

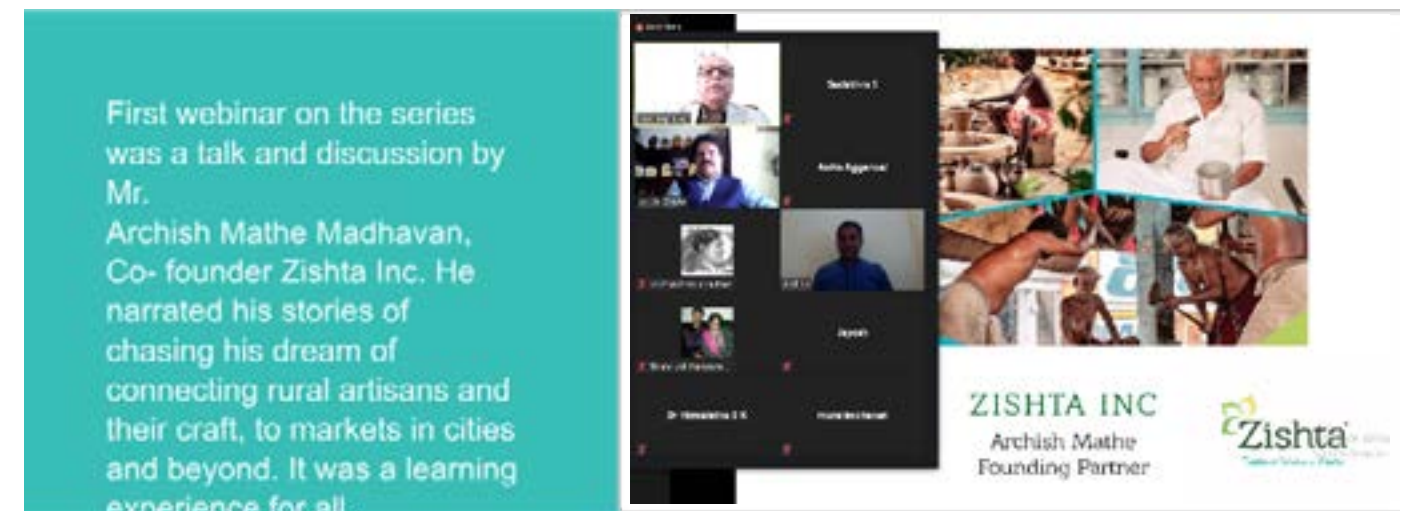
TEC@Amrita has launched Knowledge Exchange webinar series in association with Bangalore Chamber of Industry and Commerce and MSME Directorates of Kerala and Karnataka. The webinar series is meant to provide micro learning in the areas of Entrepreneurship, Business Development, Finance, Marketing is for MSMEs, and aspiring entrepreneurs. This is a monthly event conducted on 3rd Saturdays of every month.

The webinar series was launched by Dr. Anita Agarwal, Scientist E, TDT, Department of Science and Technology, Govt. of India on 27th January, 2021, followed by keynote address from Mr.G.R Akadas, Director, MSME-DI, Bangalore, Mr.G.S. Prakash, Joint Director, MSME-DI, Thrissur, Dr.Krishnashree Achutan, PG Dean, Amrita Vishwa Vidyapeetham, Mr.Indusekhar, Chairman, MSME Council, BCIC, Mr. TR Parasuraman, President, BCIC and Dr. Crasta J, Co-chairman, MSME council, BCIC.



Webinar Event 01

Creation of Nodal Centres of DST-Amrita TEC Centre



In preparation, TeC visited their store in JP Nagar in Blore

This was followed by a visit from TEC to their store in JP Nagar in Bangalore.



Webinar Event 02

Grow Your Money

AMRITA
KNOWLEDGE EXCHANGE
GROW YOUR MONEY

By Nanda Kishore Sethuraman, CMO, PoAncho Solutions

Date: 20-07-2021, Saturday
Time: 11AM - 01PM
Moderator: Suchithra S

Registration Link: [bit.ly/TEC_GrowYourMoney](https://tec.growyourmoney.com)

Attendees will be awarded Participation Certificate

Organized by Technology Enabling Center

The Second webinar was conducted by Mr. Nanda Kishore Sethuraman, CMO, PoAncho Solutions, a veteran in the personal finance space along with IDFC Ltd. He gave practical suggestions on how to grow and look after money for all individuals. It was an excellent learning session for academic, entrepreneurs and MSMEs. The session was moderated by Suchithra S of TEC.

Webinar Event 03

Rural Marketing



The third webinar was conducted in March by Mr. Harish Lalchandani, VP-Strategy, FED, Mahindra & Mahindra, former CEO of GE lighting. Harish brought in a very lively session of practicality of rural marketing and how important its nuance to rural markets. His punch line was 'Asan Hota To Har Koi Kisan Hota' helped in shaping the intricacies of the rural marketing. The discussion was moderated by Dr. Shekhar Babu, Professor and Founding Head, Amrita School of Business, Bangalore.

OTHER EVENTS

AMRITA AHEAD Online TEC@AMRITA

Growing Organizations through Finance

Date: 9th January, 2021 Time: 11:00AM

Speakers: Aavek Sinha, Ajay Jindal, Joydeep Nag

Discussion Topics: How finance is an enabler and not a controller, Collaboration is the new way of finance, Finance is your greatest friend not your enemy

Registration Link: <https://tec.growyourmoney.com>

Growing Organisations through Finance

Mr. Aavek Sinha, CFO, JLL India and Mr. Ajay Jindal, CFO, BPL Medical India gave insights on how to grow organisations through Finance. Their interactive session provided understanding in how to grow organisations through finance for their growth and overall health.

AMRITA HONEYWELL HACKATHON 2021
24 FEB 4PM

Register Now!

Prize Money: Rs. 50,000, Rs. 30,000, Rs. 20,000

Registration Link: <https://slac.facebook.com>

Organised by FACE - Dept of CSE, ASE Bangalore & Technology Enabling Center @ Amrita

Honeywell Hackathon

Department of CSE, Bangalore campus along with TEC conducted the Honeywell Hackathon for Engineering students of Amrita Vishwa Vidyapeetham. The event offered a total prize money of 1 Lakh to the winners. There was great excitement around the event. First prize of Rs.50,000 was awarded to Team 'Naruto', 3rd year Computer Science students from Coimbatore and Bangalore campus. Team 'The Tired Trinity', an all girls group from 3rd year Computer Science batch, Coimbatore campus won the second prize of Rs.30,00

WEBINAR ON INTELLIGENT PROCESS AUTOMATION IN THE REINVENTED SUPPLY CHAIN & OPERATIONS IN NEW NORMAL
13TH MARCH, 2021 | 11AM - 12PM

Speaker: **Mr. Rudra Shankar Roy**
General Manager - Process Automation, Industrial Products & Supply Chain Consulting Leader, IBM GEP CDOS - GC, IBM Thought Leader - Industrial Products

Registration Link: http://bit.ly/TEC_IBMWebinar

Organized by Technology Enabling Center

Webinar on Intelligent Process Automation by IBM

This webinar was conducted by Mr. Rudra Shakar Roy, General Manager - Process Automation, IBM. This one hour session provided insight on how AI&ML is changing the space of process automation industry. The faster we adapt, the better. This was followed by an interactive discussion.

Exploring Opportunities for Indian Start-ups/ SMEs in the state of Pennsylvania

Bangalore Chamber of Industry & Commerce and Amrita TBI in association with State of Pennsylvania's India office conducted a session on Exploring Opportunities for Indian Tech Start-ups/ SMEs in the State of Pennsylvania on 9th March, 2021. Mr. Joydeep Nag, Head and Advisor of TEC represented Technology Enabling Center and Dr. Krishnashree Achuthan represented Amrita TBI. Mr. T.R. Parasuraman, President BCIC, Mr. David Briel, Deputy Secretary for International Business Development-



Department of Community and Economic Development, Commonwealth of Pennsylvania, Dr. Aron Starosta, Vice President, Commercialization and New Ventures, Science Center, Philadelphia, Ms. Sushama Kanetkar, Pennsylvania's Authorized Representative for India, Ms. Supriya Kanetkar, Pennsylvania's Authorized Representative for India were addressed the audience.

WEBINARS 2021
NEXT-GENERATION INTERNET OF THINGS: A DEEPER LOOK
Center for Wireless Networks & Applications

28 - Feb - 2021, Sunday
4:00 PM - 5:00 PM IST

Registration Link: bit.ly/Amritato2021

Speaker: **Dr. Satyanarayana Vuppala**, Senior Security Architect, Vice President, CABank, Dublin, Ireland

Topics of Discussion:

- The applicability and context of 5G, AI and Cybersecurity technologies on IIoT.
- The interoperability, compatibility/flexibility and security technologies in the areas of access, connectivity and data/signals management/processing for the next generation IIoT with emerging use-cases.

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WEBINARS 2021
HIGH STRENGTH CONCRETE - INDUSTRIAL APPLICATIONS
BY DEPARTMENT OF CIVIL ENGINEERING

13 - Mar - 2021, Saturday
4:00 PM - 5:00 PM IST

Registration Link: <http://bit.ly/3qcxHtx>

Speakers:

- Dr. Mani K.M., Professor & Chairman, Department of Civil Engg., Amrita School of Engineering, Coimbatore
- Dr. Dhanya Sathyan, Asst. Professor (PhD), Department of Civil Engg., Amrita School of Engineering, Coimbatore
- Dr. Akshay Nadiger, Asst. Engineering Manager, L&T Construction (Concrete & Design), Coimbatore - OROO (OH)

Topics of Discussion:

- Brief Overview
- Methodology & Process
- In-situ Implementation Challenges & Solutions

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WEBINARS 2021
PROJECT PLANNING AND MANAGEMENT - AN AGILE APPROACH
BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 26 Mar 2021, Saturday
Time: 11:00 AM - 12:00 Noon IST

Speaker: **Dr. C. Arunkumar**, Assistant Professor (Sr. Gr.) Department of Computer Science and Engineering, Coimbatore

Registration Link: <http://bit.ly/3q0ndc9>

Topics of Discussion:

- Brief Introduction to Agile.
- An Overview of Scrum.
- Agile Process and Development.
- Agile tools - An overview.

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WEBINARS 2021
COMPUTATIONAL INVESTIGATION OF FLUID FLOW THROUGH NANOSCALE SYSTEMS
BY DEPARTMENT OF MECHANICAL ENGINEERING

Date: 20 Mar 2021, Saturday
Time: 8:45PM - 10:30 PM IST

Speaker: **Dr. Jeetu S. Babu**, Assistant Professor, Department of Mechanical Engineering, Amrita School of Engineering, Kollam

Registration Link: <http://bit.ly/32p4HJ>

Topics of Discussion:

- Nanofluidics
- Molecular Dynamics
- Data driven modeling

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WEBINARS 2021
TRENDS IN VLSI DESIGN
By Department of Electronics and Communications Engineering

27 - Mar - 2021, Saturday
10:00 AM - 11:00 AM IST

Speakers:

- Praveen Kumar Durairaj, R&D Engineer, Project Manager, SmartDri Technologies India Private Limited
- Tamil Selvan, ASIC R&D Engineer, Project Manager, SmartDri Technologies India Private Limited, Bangalore

Registration Link: <http://bit.ly/3ca8qso>

Topics of Discussion:

- Current trends in VLSI
- Future of VLSI
- Job opportunities in VLSI

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WEBINARS 2021
AI IN COMPUTER VISION
By Center for Computational Engineering and Networking (CEN)

27 - Mar - 2021, Saturday
4:00 PM - 5:00 PM IST

Speaker: **Dr. Sowmya V**, Assistant Professor (Sr. Gr.) Center for Computational Engineering and Networking, Amrita School of Engineering, Coimbatore, Amrita Vishwa Vidyapeetham

Registration Link: <https://bit.ly/2P2UoMC>

Topics of Discussion:

- AI for Biomedical Image Analysis
- AI for Remote Sensing Image Analysis

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