



VIT[®]

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)



INTERNATIONAL VIRTUAL CONFERENCE

ON

WEARABLE TECHNOLOGIES & APPLICATIONS

Emerging Trends and Innovations

26th - 27th June 2020

About the Conference

International Virtual Conference on “Wearable Technologies & Applications (WeTA 2020) - Emerging Trends and Innovations” is being organized online by the School of Electronics Engineering (SENSE), VIT Vellore from 26th to 27th June 2020. WeTA 2020 aims at providing a unique online interdisciplinary platform in bringing together academicians, researchers, industrialists and students across the world to highlight various emerging technologies and application trends as well as address various research challenges and latest innovations in the field of Flexible and Wearable Technologies.

Thrust Areas

IoT and Wearables
E-Textiles, Smart fabrics
Wearables for Healthcare, Navigation
Wearable Sensors and Advance Materials
Flexible, Stretchable, Printed & Hybrid Electronics
Fabrication, Packaging and Assembly Techniques
Micro Batteries, Energy Storage and Energy Harvesters

Organized By

Center for Wearable Technology And Applications
School of Electronics Engineering, VIT Univerisity, Vellore

www.vit.ac.in/WeTA2020

For Registration

The virtual conference will be online via ZOOM
Registration is free of cost
Register using the link below on or before
24th June 2020 <https://tinyurl.com/WeTA2020>
E-Certificates will be provided for the registering Participant

For Details Contact

Dr. G. Dharani Bai
weta.registration@vit.ac.in



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(Chancellor)

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Dr. R. Prakash, Asso. Professor, SBT, SENSE
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Dr. Sharmila Nageswaran, Asst. Prof (Sr), SBT, SENSE
Dr. Debashis Maji, Asst. Prof (Sr), SBT, SENSE
Dr. C. Arunkumar, Asst. Prof (Sr), SBT, SENSE

DAY WISE SCHEDULE

DAY 1 26 June 2020

9.45 am - 10.00 am : Welcome & Introduction



Dr. Mohan Kumar R
Country Head [India]
Wearable Technologies AG

10.00 am - 11.00 am : Dr. Mohan Kumar R

Topic : Wearable Technologies in Medical Applications

11.00 am - 12.00 pm : Mr. Dhakshinamoorthy R

Topic: Recent Trends in Cloud Computing
and Data Analytics

Mr. Dhakshinamoorthy R
Head
IoT Architecture CoE, TCS



12.00 pm - 02.00 pm : Lunch Break

02.00 pm - 03.00 pm : Mr. Arun Vydhyathan
Topic : Wearable Technology: Its Rapidly Changing
Landscape and Xsens

03.00 pm - 04.00 pm : Mr. Prabhanjana Rao
Topic: Wearable Devices for Robotics Motion
Capture

Mr. Arun Vydhyathan
Director of Engineering ,
Xsens, Enschede Area,
Netherlands



Mr. Prabhanjana Rao
CEO, Galore Systems,
Bangalore

Click the Speaker Names to view them on [LinkedIn](#)



Mr. Nitin Awasthi
Director, Apsis solutions
Microchip certified trainer
& Nasscom IoT master trainer

04.00 pm - 05.30 am : Mr. Nitin Awasthi
Topic : IoT: It's Usages and Future
Targeting Wearables

05.30 pm - 06.30 pm : Break

Prof. Vijayan Sugumaran
Oakland University,
Michigan, USA



06.30 pm - 07.30 pm : Prof. Vijayan Sugumaran
Topic: Data Management and Analytics

DAY 2 27 June 2020

10.00 am - 11.00 am : Dr. Soumen Das
Topic : Wearable Biosensors - A MEMS perspective

11.00 am - 12.00 pm : Prof. Vivekananthan V
Topic: Triboelectric Nano-generators for Wearable
and Portable Electronics

Prof. Soumen Das
Head, Advanced Tech.
Development Centre,
IIT, Kharagpur



Dr. Vivekananthan V
Dept. of Mechatronics Engg,
Jeju National University,
Jeju, South Korea.



12.00 pm - 01.00 pm : Prof. Bindu Salim
Topic : Flexible Hybrid Electronics-
Applications and Future

01.00 pm - 02.00 pm : Lunch Break

02.00 pm - 03.00 pm : Dr. Rakesh Kumar Gupta
Topic: Graphene- a 2D Material for
Bio Sensing Applications



Prof. Bindu Salim
Professor
PSG, IAS, Coimbatore

Dr. Rakesh Kumar Gupta,
Co-Founder [RIPTON Ltd] UK.
National Graphene Institute ,
University of Manchester,
United Kingdom



03.00 pm - 04.00 pm : Dr. Bhasker Dudemn
Topic : Robust, Flexible, and Humid-resistant
Triboelectric Nanogenerators for Harnessing
Biomechanical Energies

04.00 pm : Closing Remarks



Dr. Bhasker Dudemn
Advanced Tech., Institute,
University of Surrey,
Guildford, Surrey, UK.