



The Institution of Engineers (India)

Coimbatore Local Centre

in association with

Department of Electronics and Communication Engineering

Coimbatore Institute of Technology

Coimbatore

Celebrates

“World Engineering Day for Sustainable Development”

with the theme “Build Back Wiser - Engineering the Future”

with a One Day Technical Webinar on

“Advancements in Next Generation Networks”

on 04th March 2022

Keynote Speakers



Dr R Swaminathan

Assistant Professor
Department of Elec. Engg.
IIT Indore



Dr Koushik Guha

Assistant Professor (Grade-I)
Department of ECE
NIT Silchar



Dr Shahid Mehraj Shah

Assistant Professor
Department of ECE
NIT Srinagar

All are Cordially Invited !!!

Dr S Shanmugam FIE

Chairman

Dr J Krishnamoorthi FIE

Honorary Secretary

Preregistration link: <https://forms.gle/DsmYjMNhoYyMCxKA7>

(Participation is confirmed only by preregistration)

** Programme overleaf*



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09.30 AM Inauguration Function

- Welcome Address** **Dr S Shanmugam**
Chairman, IE(I), Coimbatore Local Centre
- Presidential Address** **Dr A Rajeswari**
Principal In-charge & Professor and Head
Department of ECE, Coimbatore Institute of Technology
- About the Webinar** **Dr I S Akila**
Assistant Professor, Department of ECE
Coimbatore Institute of Technology
- Introduction of the
Chief Guest** **Ms D Diana Josephine**
Assistant Professor, Department of ECE
Coimbatore Institute of Technology
- Chief Guest Address** **Dr R Swaminathan**
Assistant Professor
Department of Electrical Engg., IIT Indore
- Vote of Thanks** **Dr J Krishnamoorthi**
Honorary Secretary, IE(I), Coimbatore Local Centre

Technical Sessions

- 10.00 AM Session I** **“5G Communications : Specifications, Use Cases, and PHY Techniques”** by **Dr R Swaminathan**, Assistant Professor
Department of Elec. Engg., IIT Indore
- 11.30 AM Session II** **“Role of MEMS and NEMS in Future Prospects of 5G/6G”** by **Dr Koushik Guha**, Assistant Professor (Grade-I)
Department of ECE, NIT Silchar
- 01.00 PM Break**
- 02.00 PM Session III** **“Artificial Intelligence based resource allocation in 5G Interference Network”** by **Dr Shahid Mehraj Shah**
Assistant Professor, Department of ECE, NIT Srinagar
- 03.30 PM Valedictory**