

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
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International Webinar

on

5G Network and its Real Time Applications in India (IW5GNRI'20)

Organized by

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Association with



Event Report

Submitted By

Mr.V.Saravanakumar,

Assistant Professor & Coordinator
Department of Computer Science & Engineering
Madanapalle Institute of Technology & Science

The International Webinar Programme was inaugurated virtually by the Guest Speaker **Dr.Gunasekaran Thangavel**, Professor & Program Director, Telecommunication Engineering, Electrical and Electronics Section, University of Technology & Applied Sciences (UTAS), Sultanate of Oman in the presence of Principal, Vice Principal (Academics), Head of Department, Faculty Members, Students and External Delegates from different countries like India, Oman, Germany, Ghana, UAE, Iraq and Harur .

Followed by, the sessions were proceeded as per the schedule by which **Dr.C.K.Raju**, Professor from CSE department delivered the Welcome Address Speech about the Event and Guest. Then the Guest Speaker Dr.Gunasekaran Thangavel delivered his constant speech on 5G Networks with the following key features

- 4G and 5G Wireless connectivity landscape
- 5G Use Cases Relevant for India
- RF components for 5G
- Challenges and Possible Solutions

Totally 299 participants have attended the webinar programme including 123 Faculties, 170 Students, 04 Research Scholars and 02 Industrialists Spare the valuable time from different areas of countries.

The Resource Speaker and Participants had solid interactive chats in MS-Team and finally the Vote of Thanks gave by **Dr.Santhoshini Mohapatra**. She thanked Guest Speaker, Organizing Committee Members, and HoD for organizing and contributing their efforts for successful of the webinar. She extended her thanks to the Principal, Dean IIIC, and the Management for their continuous support and motivation to conduct the Events.

Event Poster



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Google Sites

<https://sites.google.com/view/iw5gnri20/>



19 Dec 2020 (Saturday) 11 AM - 12 NN (IST)



Dr. Gunasekaran Thangavel

Program Director

Telecommunications Engineering

Electrical and Electronics Engineering Section

University of Technology & Applied Sciences

Sultanate of Oman

Organizing Committee

Chief Patrons

Dr. N. Vijaya Bhaskar Choudary

Secretary & Correspondent

Shri. N. Krishna Kumar

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Dr. C. Yuvaraj

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Convenor

Dr. Mahaboob Basha Shaik, Professor & HoD

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Coordinator

Mr. V. Saravanakumar, Assistant Professor

Dr. D. Chandramohan, Associate Professor

Organizer

Mr. M. Anbazhagan, Assistant Professor **+91 7708543294**

Ms. Aliva Panda, Assistant Professor **+91 7978167426**

Activate
Go to Settings

Event Screenshots

Press Esc to exit full screen

Contents

- Why 5G?
- 4G and 5G Wireless connectivity landscape
- 4G Macrocell network approach
- 5G Cellular BTS deployment
- EXPECTED SPECTRUM IN INDIA
- 5G USE CASES RELEVANT FOR INDIA
- 5G mMIMO network model
- RF components for 5G
- Challenges and Possible Solutions

Dr. GUNA LITAS OMAN 5G/RF 43:20

Gunasekaran Thangavel

People

Presenters (5)

- Saravana Kumar, Organiser
- Bhuvana, Outside your organisation
- Chandramohan D
- Dr Raju C.K
- Gunasekaran Thangavel, Outside your organisation

Attendees (36)

- DR.SURAYA MUBEEN ... Guest
- AKASH V Guest
- Anbazhagan M
- Ankit pattanaik Guest
- ANOH YAO JACOB (Guest) Guest
- Bajju Karun

5G NETWORK AN...pptx | IW5GNRI/20 (Resp...xlsx | Schedule.docx

Conclusion

- 5G services in the future will be more diverse.
- Users can not only enjoy the ultra-high peak rate access through services such as WTTx, mobile ultra-high-definition videos, and VR/AR, but also have a taste of "zero" latency experience scenarios (smart driving and automatic industrial control).
- Massive connections (smart city, smart meter, and many more) enabled by 5G networks can help make people's daily lives more convenient and intelligent.
- In order to meet multiple service requirements, 5G networks must be completely innovated in terms of frame structure, multiple access, channel coding, spectrum, and architecture. The entire process of network planning must be revolutionized and updated.

Dr. GUNA LITAS OMAN 5G/RF 12/19/2020

Meeting chat

- 11:24 AM: feedback link will be sent at 11:55
- 11:51 AM: <https://sites.google.com/view/iw5gnri/20/feedback>
- 11:51 AM: Certificate provided only for Registered and participants. Don't circulate to any one
- 12:02 PM: chat box opened for question or unmute ask questions, others mute
- 12:03 PM: <https://sites.google.com/view/iw5gnri/20/feedback>
- 12:08 PM: Any Questions

Reply

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Feedback Analytics

Questions Responses 299

299 responses



Not accepting responses

Message for respondents

This form is no longer accepting responses

Summary

Question

Individual

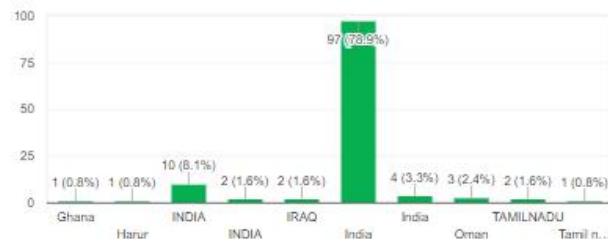
Full Name (Capital Letter for Certificate)

< 1 of 8 >

Full Name (Capital Letter for Certificate)

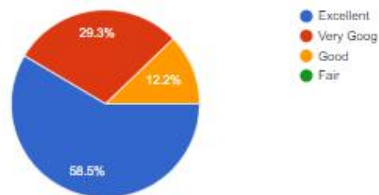
Country

123 responses



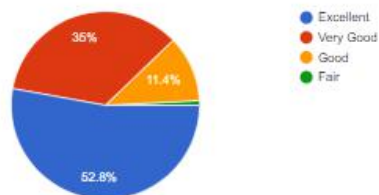
How do You Feel this Event Organizing (IW5GNRI'20)?

123 responses



Communication of Speaker

123 responses



Sample Certificate



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Certificate of Appreciation

This is to certify that **Dr.Gunasekaran Thangavel**, Professor, University of Technology & Applied Science, **Oman** act as **Guest Speaker** for the **International Webinar** entitled **5G Network and its Real Time Applications in India** on **19.12.2020 (Saturday)**.

Certificate No: IW5GNRIA01

Organizer

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Certificate of Participation

Certificate No: IW5GNRI20P317

This is to certify that **Dr.SHYAM KUMAR KATTA**, Director- Programs, Heifer International participated in the **International Webinar** entitled **5G Network and its Real Time Applications in India (IW5GNRI'20)** on **19.12.2020 (Saturday)**.

Organizer

Coordinator

Convenor

Principal

Active
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