



A Workshop on Next Generation Wireless and Biological (Wi-Bi) Communications (2023) Dec 18th to 22nd, IIIT Sri City India [in Hybrid Mode] <https://www.iiits.ac.in/>

Benefits of Registration

- Distinguished Speakers (from top Indian/ Abroad Universities and Leading Industries)
- Understand 5G-and-beyond Wireless Communication.
- Learn New Era in Molecular Communication and Its Application.
- Exploring the Idea of 6G and Tera Hertz Communications.
- Industrial Orientation of 5G-and-beyond.
- Software Simulation using MATLAB for 5G-and-beyond Technologies.
- Understanding Particle based Simulator using MATLAB

Intended Participants

- Research Students (B.Tech/M.Tech/Phd)
- Faculties
- Educators
- R&D And Industries Person

Registration Form

- TBD

Topics to be Covered

- 5G-and-beyond Wireless Communications: Massive MIMO, IRS and NOMA
- Next-generation Wireless Sensing for Environment Monitoring and Object Detection
- Sensors and 5G Wireless Communications
- Cooperative/Non-cooperative Localization Algorithms for Wireless Networks.
- Tera-Hertz Communication
- Channel Modelling of the Molecular Communication
- MIMO Molecular Communication
- Hand-on Experiments on NOMA, IRS, Etc.
- Simulation Techniques for Molecular Communication.

Convenor

Dr Lokendra Chouhan
Assistant Professor
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Coordinator

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