

Two Days Joint Workshop of IEEE MTT-S and IETE, New Delhi in association with IETE Jaipur Centre, E-cell MUJ and IEEE MTT-S SBC Manipal University Jaipur

Venue: Manipal University Jaipur, Jaipur-Ajmer Express Highway, Dehmi Kalan, Near GVK Toll Plaza, Jaipur, Rajasthan 303007

Resource Persons:

1. **Dr. Amit Kumar Singh, Assistant Professor, IIT Patna, India, 2024 IEEE AP-S Young Professional Ambassador**

Workshop topic: “*Design of Metamaterial Inspired High Gain Multi Beam Millimeter Wave Antennas*”

2. **Mr. Swapnil Narhari Gaul, Founder and Director, Numergion Technology (OPC) Private Limited, Pune, Maharashtra, India**

Workshop topic: *Electromagnetics Simulations and Microwave Designs using TaraNG Software*

No. of Student Participation: 100

No. of Faculty, IEEE MTT-S and IETE Jaipur Centre Members: 50

Total No. of Expected participants: 150

Agenda of the Workshop:

Day 1: 21 Nov. 2024 (Thursday)

Time: 10:00 AM to 1:00 PM

(Venue: Smt. Sharda Pai Auditorium, Manipal University Jaipur)

- Inauguration Ceremony (Invited Guests: Prof. S. K. Koul, IETE HQ Dignitaries, IETE Jaipur Centre ExCom Members, IEEE MTT-S Officials and University Officials)

High Tea

- Talk by Dr. Amit Kumar (Introduction to *Metamaterial Inspired Antennas*)
- Talk by Mr. Swapnil Narhari Gaul (Introduction to TaraNG Software)

Lunch: Time: 1:00 PM to 2:00 PM

Project Expo Time: 2:00 PM to 5:00 PM (Open Lobby, Manipal University Jaipur)

- Hardware Project Exhibition (Made by IEEE MTT-S students’ members, IETE Student Forum Members and other students’ members of Jaipur)

High Tea

Prize Distribution Ceremony Project Expo: Time 5:00 PM to 5:30 PM

(Venue: Smt. Sharda Pai Auditorium, Manipal University Jaipur)

Day 2: 22 Nov. 2024 (Friday)

Time: 9:00 AM to 1:00 PM

(Venue: Computer Lab, Manipal University Jaipur)

- Hands-on workshop on: “*Design of Metamaterial Inspired High Gain Multi Beam Millimeter Wave Antennas*” by Dr. Amit Kumar Singh

High Tea

- Hands-on workshop on: “*Electromagnetics Simulations and Microwave Designs using TaraNG Software*” by Mr. Swapnil Narhari Gaul

Lunch: Time: 1:00 PM to 2:00 PM

Closing Ceremony and Certificate Distribution (2:00 PM to 2:30 PM)

Detailed Budget in a tabular form:

NAME	EXPENDITURE	Source of Funding
Project Expo Prize Money	₹1,00,000	IEEE MTT_S Manipal University Jaipur
T-shirt printing for student volunteers	₹10,000	IEEE MTT_S Manipal University Jaipur
Certificates, ID Cards, Standee-Flex Printing	₹10,000	IETE Jaipur Centre/IEEE MTT_S Manipal University Jaipur
Flower Decoration and lighting of the lamp and other expenses for Inauguration Ceremony	₹10,000	IETE Jaipur Centre/IEEE MTT_S Manipal University Jaipur
Accommodation for resource persons (University Guest House)	NA	Manipal University Jaipur
Remuneration for the resource person from academia (Dr. Amit Kumar Singh)	₹5000	Manipal University Jaipur
High Tea, Lunch and Dinner Two days	₹30,000	IETE HQ, New Delhi
Local transportation for two days for resource persons	₹8,000	IETE HQ, New Delhi
Mementos, Bouquet, shawl for Invited Guests, Resources Persons, IETE Jaipur Centre Officials and Officials from host Institute	₹12,000	IETE HQ, New Delhi
Miscellaneous	₹5,000	IEEE MTT_S Manipal University Jaipur
TOTAL	₹1,90,000	

- There will no Registration Fee for workshop participants, but there will be token amount of participation fee for the team entry (300/- per team entry) in Project Expo to ensure true and timely participation as the prize money is for the winners **₹1,00,000/-**
- Lunch and High tea will also be arranged for the student participants of workshop as well as Project Expo.
- The total estimated budget for the two days workshops along with flagship event (Project Expo) of IEEE MTT-S Students branch Chapter is **₹1,90,000 out of which seeking the financial support of ₹50,000 form IETE HQ.**

Looking forward for your support and motivation.

With Warm Regards

Dr. Dinesh Yadav

IEEE MTT_S YP Student Branch Development Sub Committee Member,
Associate Professor, Department of ECE, Manipal University Jaipur