



Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, Accredited by NAAC with A Grade, Approved by AICTE and Affiliated to JNTUH)
Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana. www.brecw.ac.in



15 December 2024

Report of Guest Lecture on “**Next Generation Multiple Access (NGMA) for 6G Networks**” for IV BTech ECE students on 12 December 2024

The ECE department has organized a guest lecture on "Next Generation Multiple Access (NGMA) for 6G Networks" for IV BTech ECE students on 12 December 2024. The guest lecture is scheduled from 14:00 to 16:00 Hrs. at Seminar Hall II(WB-402). Inaugural function was attended by the Speaker Dr. Sandeep Kumar Singh, Assistant Professor, Department of Electronics and Communication Engineering, Motilal Nehru National Institute of Technology, Allahabad, Prayagraj HOD Mrs S Manjula , Workshop in-charge Mrs. K Virija , ECE staff , IV year ECE students. The venue was Seminar hall II(WB 402)

Speaker:



Dr. Sandeep Kumar Singh
Assistant Professor
Department of Electronics and
Communication Engineering
Motilal Nehru National Institute of Technology
Allahabad, Prayagraj

Dr. Sandeep Kumar Singh holds a B.E. in Electronics and Communication Engineering from RGPV University, Bhopal, an M.Tech. in Microelectronics and VLSI Design from MNNIT Allahabad, and a Ph.D. in Electronics and Communication Engineering from VNIT Nagpur. With post-doctoral research experience from National Sun Yat-sen University, Taiwan, and an array of international publications, Dr. Singh is a distinguished researcher and educator in areas like Machine Learning for Wireless Communication, SWIPT, NOMA, RIS/IRS, and more. He is also a reviewer for prestigious IEEE journals and has chaired sessions in international conferences.

Invitation:



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 Vinaynagar, I S Sadan X Roads, Saidabad, Hyderabad - 500 059, Telangana
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College Code(32)

Ref. No. BRECW/POGL/AY2024-25/239

Date: 10.12.2024

Dr J Madhavan
 Professor and Principal

Phone (O): +91-40-24531719
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 E-mail: principal.brecw52@gmail.com

To
 Dr. Sandeep Kumar Singh
 Assistant Professor
 Department of Electronics and Communication Engineering
 Motilal Nehru National Institute of Technology
 Allahabad, Prayagraj

Dear Sir,

Sub: Invitation to present a Guest Lecture on **"Next Generation Multiple Access (NGMA) for 6G Networks"** Reg.

Ours is a technical institute established in 1997 exclusively for women to impart quality education in various B Tech degree courses in Engineering. This College is sponsored and managed by Sangam Laxmibai Vidyapeet, a voluntary social action group that has been working for the empowerment of women since 1952. Our college is recognized by Govt. of TS, accredited by NAAC with A Grade approved by AICTE and affiliated to JNTUH.

We cordially invite you to present a Guest Lecture on **"Next Generation Multiple Access (NGMA) for 6G Networks"** for IV B Tech ECE students on 12 December 2024 from **14:00 Hrs to 16:00 Hrs at Seminar Hall-2 (402 WB)** in our campus. As a distinguished expert in the field, your insights and knowledge would be invaluable to our students. Your lecture on **"Next Generation Multiple Access (NGMA) for 6G Networks"** will provide them with a deeper understanding of the innovative ways. Out of your hectic schedule, kindly make it convenient to enlighten our students.

With warm regards,

(Dr. J. Madhavan)
PRINCIPAL
 Bhoj Reddy Engineering College for Women
 Vinaynagar, Saidabad, Crossroads
 Sangam Laxmibai Vidyapeet

Sangam Laxmibai Vidyapeet is an educational society for promotion of education among girls and women. It is established in 1952 and registered under the Societies Registration Act.

Circular:



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 Vinaynagar, I S Sadan Crossroads, Saidabad, Hyderabad - 500 059, Telangana



File No: BRECW/PO/ ECE/Guest Lecture/AY 24-25/240

Date: 10/12/2024

Circular

All the IV B Tech ECE students are hereby informed that ECE department is conducting a guest lecture on **"Next Generation Multiple Access (NGMA) for 6G Networks"** which is scheduled from 14:00 to 16:00 Hrs on 12 December 2024 under the Internal Quality Assurance Cell(IQAC)

The details of guest lecture are as follows:

S No	Class	Date and Time (Hrs)	Speaker	Venue
1	IV B Tech ECE	12 December 2024 14:00 to 16:00 Hrs	Dr. Sandeep Kumar Singh Assistant Professor, Department of Electronics and Communication Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj.	Seminar Hall - 2 WB 402

All the students must attend the guest lecture without fail.

Note:

- The faculty who are handling IV B Tech ECE should mark the attendance as per the timetable.
- All the ECE teaching and non-teaching faculty who do not have class work are requested to attend the guest lecture.

Principal

To
 All HODs/ HOFs for circulation among the students and staff members.

- Copy to:
- Chief Operating Officer, SLV
 - Director-HR& Academics, SLV
 - Vice Principal, BRECW
 - Maintenance Officer, BRECW
 - Seminar Hall & Workshop Coordinator
 - IQAC Coordinator
 - IT Security
 - File

Banner:



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Department of Electronics and Communication Engineering
and Internal Quality Assurance Cell (IQAC) under IETE Student Forum (ISF)

Organizing

A Guest Lecture
On

"Next Generation Multiple Access (NGMA) for 6G Networks"

by

Dr. Sandeep Kumar Singh

Assistant Professor
Department of Electronics and
Communication Engineering
Motilal Nehru National Institute of Technology

For

IV Yr. ECE Students

- 12 December 2024
- 14:00 to 16:00 Hrs.
- Seminar Hall II (WB-402)

Schedule:



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Department of Electronics and Communication Engineering



Inauguration Schedule

Guest lecture On

"Next Generation Multiple Access (NGMA) for 6G Networks"

Date: 12 December 2024

Venue: Seminar Hall II(WB 402)

S No.,	Time (Hours)	Speaker
1	14.30	Welcome address by Ms P.Sai Durga IV ECE -C
2	14.35	Address by Principal Dr. J Madhavan
3	14.40	Address by Vice- Principal Mr. G Dayakar Reddy
4	14.45	Address by HOD -ECE Mrs. S Manjula
5	14.50	Key Note address by Speaker Dr Akella Sarveswara Rao
6	16.30	Vote of Thanks by Ms P.Sai Durga IV ECE -C

K Virija
Guest lecture /Workshop I/C

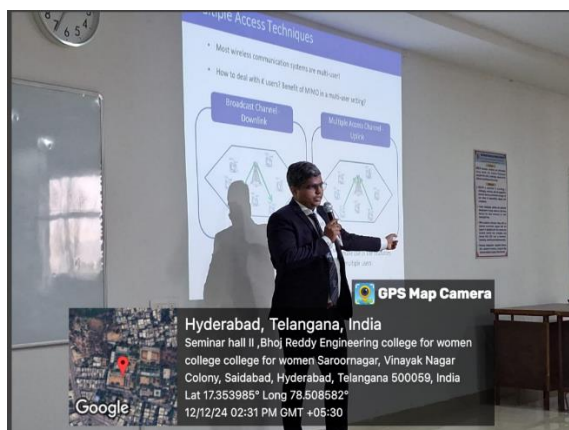
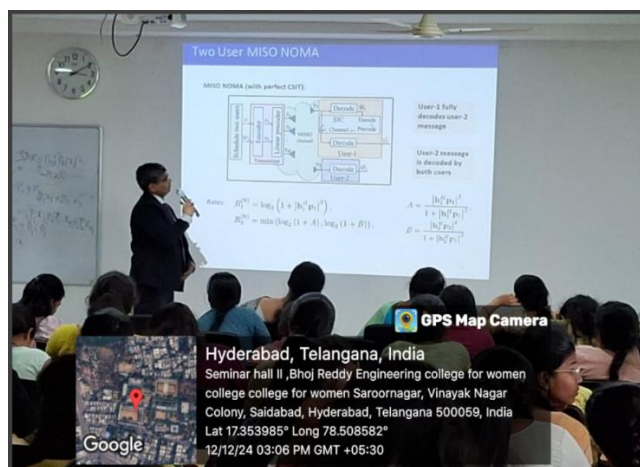
S Manjula
HOD-ECE

On the 12 December 2024, the Department of ECE at Bhoj Reddy Engineering College for Women hosted Guest Lecture on "Next Generation Multiple Access (NGMA) for 6G Networks" for IV BTech

ECE students on 12 December 2024” The speaker Dr. Sandeep Kumar Singh holds a B.E. in Electronics and Communication Engineering from RGPV University, Bhopal, an M.Tech. in Microelectronics and VLSI Design from MNNIT Allahabad, and a Ph.D. in Electronics and Communication Engineering from VNIT Nagpur. With post-doctoral research experience from National Sun Yat-sen University, Taiwan, and an array of international publications, Dr. Singh is a distinguished researcher and educator in areas like Machine Learning for Wireless Communication, SWIPT, NOMA, RIS/IRS, and more. He is also a reviewer for prestigious IEEE journals and has chaired sessions in international conferences.

Through this guest lecture, equips students with insights into cutting-edge technologies shaping 6G, bridging the gap between academic learning and industry practices. It enhances technical and problem-solving skills while inspiring innovative ideas for research and projects. The session prepares students for future career opportunities in advanced communication technologies and fosters networking with industry experts. Additionally, it broadens their understanding of global challenges and collaboration opportunities in next-generation connectivity, ensuring a well-rounded perspective on emerging trends. Speaker Dr. Sandeep Kumar Singh concluded with Interactive Q&A Session, Practical insights from the speaker’s experience in the field, addressing queries on tools, techniques, and best practices in NGMA.

Figure 1: During the lecture of speaker Dr. Sandeep Kumar Singh Garu





The Feedback from the students was taken. Overall feedback of the Guest Lecture is Excellent and active participation of students during the lecture was notable, and students were engaged throughout the session. Students' thoughtful questions and insightful comments added a lot of value to the overall discussion. We could tell that students have a good grasp of the subject matter as the lecture was informative and enlightening. In future, we can encourage students to continue attending such events and to keep learning and growing in their field of interest.

Letter of Appreciation:



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College Code (32)

Date: 12.12.2024

File No: BRECW/PO/ECE/GL/AY2024-25/243

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Dr J Madhavan
Principal

Letter of appreciation

We would like to take this opportunity to appreciate and acknowledge the efforts put in by Dr. Sandeep Kumar Singh, Assistant Professor, Department of Electronics and Communication Engineering, Motilal Nehru National Institute of Technology, Allahabad, Prayagraj for enlightening our IV B.Tech. ECE students on the topic "Next Generation Multiple Access (NGMA) for 6G Networks" during a Guest Lecture conducted on 12 December 2024 by ECE Department.

We thank you in making the Guest Lecture a great success.

With warm regards,



(Dr J Madhavan)
PRINCIPAL
Bhoj Reddy Engineering College for Women
Vinaynagar, Santoshnagar Crossroads
Hyderabad-500 059, Telangana.



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Sample feedback form:



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Department of Electronics and Communication Engineering
A Guest lecture FEEDBACK FORM



Topic: "Next Generation Multiple Access (NGMA) for 6G Networks"

Dates 12 December 2024

Name of the Speaker: Dr. Sandeep Kumar Singh

Assistant Professor

Department of Electronics and Communication Engineering

Motilal Nehru National Institute of Technology

Please encircle the level of understanding the concept with each statement					
1. Excellent	2. Good	3. Average	4. Not Satisfied		
a.	I learned something that I previously did not Know	✓ 1	2	3	4
b.	The information was presented in easy manner	✓ 1	2	3	4
c.	The guest lecture was worth my time	1	✓ 2	3	4
d.	The guest lecture helped me to improve my technical skills	1	✓ 2	3	4
Comments /Suggestions for improvement of the guest lecture in future:					

K Virija, Seminars and Workshops In-charge faculty expressed her sincere gratitude for allowing ECE department with and the opportunity to conduct a guest lecture at BRECW. She appreciated the support that management gave and said it was informative session. Once again, she said thank you for allowing them to contribute to the learning and development of their students and the session was concluded by the vote of thanks by T Sri Mahi a student of III B ECE.

Ms. K Virija
Seminar & Workshop In charge

Ms. S Manjula
HOD -ECE