



SRINIVASA INSTITUTE OF ENGINEERING AND TECHNOLOGY
(UGC-Autonomous)

(Approved by AICTE, Permanently affiliated to JNTUK, Kakinada, ISO 9001: 2015 certified Institution)
(Accredited by NAAC with 'A' Grade: Recognised by UGC under sections 2(f) & 12(B))
NH-216, Amalapuram-Kakinada Highway, Cheyyeru (V), AMALAPURAM-533216.

CIRCULAR

Date: **11.08.2023**

This is to inform that the Department of Electronics and Communication Engineering is organizing Guest lecture on **“Satellite Communication in Broadcasting”** on **16th August 2023** (Wednesday, 10.00 A.M) at ECE Seminar hall by Mr. B Vijaya Kumar, Rtd. Technical Director, Doordarshan Kendram.

All the staff & ECE students are invited.

Principal
Principal

Srinivasa Institute of Engineering and Technology
UGC-Autonomous Institution
NH-216, Cheyyeru(V), Amalapuram

1. Secretary & Correspondent
2. Director – Administration
3. Director – Admissions
4. Dean – IQAC
5. Dean – Academic
6. All HoD's



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NH-216, Amalapuram-Kakinada Highway, Cheyuru (V), AMALAPURAM -533216.

Attendance

Date: 16.08.2023

Name of the event: Guest Lecturer on Satellite Communication in Broadcasting

Conducted by: Department of ECE

Venue: ECE Seminal Hall

Sl.No	Name of the Participant	Regd.Number	Signature
1	G. Satish	206NIA0475	Satish
2	K. Sai Kiran	206NIA0483	K.Saikiran
3	V. Saikumar	206NIA04A8	V. Saikumar
4	A VARMA	206NIA0458	A. Varma
5	R. S. Akshay	206NIA04B4	R. S. Akshay
6	G. Bhaskar	206NIA0476	G. Bhaskar
7	A. Pavan	206NIA0460	A. Pavan
8	G. Sai Mahesh	206NIA0477	G. Sai Mahesh
9)	I. Praveen	206NIA0477	I. Praveen
10)	P.A. VARMA	206NIA0497	P.A. Varma
11)	A. B. Avinash	206NIA0459	A. B. Avinash
12)	M. K. Gupta	206NIA0487	M. K. Gupta
13)	R. Anvesh	206NIA04A0	R. Anvesh
14)	P. H. S. Kaxthik	206NIA0498	P. H. S. Kaxthik
15	T. Durgeswara Rao	206NIA04A5	T. Durgeswara Rao
16	N. Ammi Reddy	206NIA0439	N. Ammi Reddy
17	K. Vishnu Vardhan	206NIA0482	K. Vishnu Vardhan
18.	S. Siva Srinu	206NIA04A2	S. Siva Srinu


Convener

Sl.No	Name of the Participant	Regd.Number	Signature
19	V. Venu Hanrikanta	206N/A04A9	V. Venu Hanrikanta
20	N.P.V. Siddartha	206N/A0491	N.P.V. Siddartha
21	B. Siddu	206N/A0403	B. Siddu
22	G. Prince	206N/A0469	G. Prince
23	M. Durga Prasad	206N/A0484	M. Prasad
24	M. Vinay	206N/A0490	M. Vinay reddy
25	K. J. Aditya	206N/A0479	K. Aditya
26	G. Ruthwik	206N/A0471	G. Ruthwik
27	T. Uday	206N/A0496	T. Uday
28	S.S. Gupta	206N/A04A1	S.S. Gupta
29	Y. Kishore	206N/A04B3	Y. Kishore
30	K. Sri Ramechandra Murthy	216N5A0406	K.S.R.C. Murthy
31	P. Sampath Ganesh	206N/A0496	P. Sampath
32	K. Harshavanth Sai	216N5A0405	K. Harshavanth Sai
33	S. Anasha Sai	206N/A0440	S. Anasha Sai
34	J. S. Sankarant	206N/A0418	J. S. Sankarant
35	G. Hrudaya Sai	216N5A0403	G. Sai
36	Ch. Suresh Vama	206N/A0463	Ch. S. Vama
37	T. Suresh	206N/A041A7	T. Suresh
38	M. Sai Ganesh	206N/A0436	M. Sai Ganesh
39	V. Kiran	206N/A04B0	V. Kiran
40	M. H. Kiran	206N/A0495	M. H. Kiran
41	N. Chidambaram	206N/A0493	N. Chidambaram
42	P. Rohit	206N/A0495	P. Rohit
43	R. Venkatesh	206N/A0499	R. Venkatesh


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Sl.No	Name of the Participant	Regd.Number	Signature
1	S. Tharuja	206NIA0451	S. Tharuja
2	A. Krishna Kumari	206NIA0402	A. Krishna Kumari
3	V. Srilatha.	206NIA0455	V. Srilatha.
4.	V. Chandini	206NIA0456	V. Chandini
5.	P. Vyshnavi	206NIA0440	P. Vyshnavi
6.	M. Maha Lakshmi Anurha	206NIA0434	M. M. Anurha
7.	M. Guna Deepika	206NIA0488	M. G. Deepika
8.	P. Chandana	216NSA0410	P. Chandana
9.	S. V. V. L. Prasanna	206NIA0450	S. V. V. L. Prasanna
10	P. Sudha Rani	206NIA0442	P. Sudha Rani
11	K. Bharathasani	206NIA0431	K. Bharathasani
12.	S. Varalakshmi	206NIA0449	S. Varalakshmi
13.	B. Baby.	206NIA0404	B. Baby.
14.	V. Kanti Kumari	206NIA0454	V. Kanti Kumari
15	K. V. K. S. Malleswari	206NIA0425	K. V. K. S. Malleswari
16	P. Lakshmi	216NSA0408	P. Lakshmi
17.	G. Maniprabha	206NIA0467	G. M. Prabha
18.	M. Vijaya Kumari	206NIA0489	M. V. Kumari
19.	M. Hemalatha	206NIA0486	M. Hemalatha
20.	V. V. Swarna	206NIA0431	V. V. Swarna.
21.	V. S. Satya Sani	206NIA0432	V. S. Satya Sani
22.	G. V. Simisha	206NIA0470	G. V. Simisha
23.	N. N. P. E. Pushparathi	206NIA0492	N. Pushparathi
24.	V. Geeta Rani	216NSA0407	V. Geeta
25.	P. Mounika	216NSA0411	P. Mounika


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Sl.No	Name of the Participant	Regd.Number	Signature
1.	G. S. S. Sri Kala	206NIA0416	G. S. S. Sri Kala
2.	B. Sindhuja	206NIA0405	B. Sindhuja
3.	ch. Naga usha kameswari	206NIA0408	ch. N. U. Kameswari
4.	G. Maheswari devi	216N5A0404	G. Maheswari
5.	G. Kanchana	206NIA0415	G. Kanchana
6.	J. S. L. Sravanis	206NIA0419	J. S. L. Sravanis
7.	K. Jyoshna Madhavi	206NIA0429	K. J. Madhavi
8.	ch. V. N. D Alekhya	206NIA0414	ch. V. N. D Alekhya
9.	N. Vyshnavi	206NIA0438	N. Vyshnavi
10.	U. Goudi Sushma	206NIA0453	U. Goudi Sushma
11.	ch. D. Bhargavi	206NIA0410	ch. Bhargavi
12.	ch. A. S. S. priya	206NIA0409	ch. A. S. S. priya
13.	k. S. H. Anasuya	206NIA0428	k. Anu.
14.	K. Poojitha.	206NIA0430	K. poojitha.
15.	CH. Gayathri	206NIA0411	CH. Gayathri.
16.	S. Deekshi Sai Sri	206NIA0452	S. Deekshi Sai Sri
17.	R. Jyothi priya	206NIA0445	R. Jyothi priya
18.	L. R. Kavya	206NIA0433	L. R. Kavya.
19.	K. Tharuni	206NIA0424	K. Tharuni
20.	k. Latha Madhuri	206NIA0427	k. Madhuri
21.	B. phani Satya Sri	206NIA0407	B. P
22.	B. Sireesha	206NIA0406	B. Sireesha
23.	A. Lakshmi samudra	206NIA0401	A. L. Samudra
24.	CH. Mounika Sri Sai	206NIA0413	CH. M. S. Sai
25.	J. Pallavi	206NIA0420	J. Pallavi

Convener



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Guest- Feedback

Date: 16-08-2023

Name of the event: **Guest Lecturer on Satellite Communication in Broadcasting**

Conducted by: **Department of ECE**

Comments of the Guest speaker on Participants

Happy to introduce ECE final year students at remote place but well arranged faculty of ECE. Good professional way. Student keen interest to show new techniques in satellite communication. Good, GPS, Generation 1G to 5G, Broadcasting techniques. Slides and PPT exhibited from Stone age to modern age comm. Overall good and fair guest lecturer.

Signature

Name of the speaker:

B. V. J. Kumar

Designation:

Technical Director.

Address:

5-64, Krishanapur
Mula-ali
Hyderabad - 500040

Coordinator of the event



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Report on Satellite Communication in Broadcasting

Date: 16/08/2023

Organized by: Department of Electronics and Communication Engineering (ECE)

Venue: Seminar Hall

Guest Speaker: **Mr. B. Vijaya Kumar**

Designation: Rtd. Technical Director, Doordarshan Kendram.

Introduction:

The Department of Electronics and Communication Engineering (ECE) organized a guest lecture on the topic of "Satellite Communication in Broadcasting." The lecture aimed to provide students with a comprehensive understanding of the role of satellite communication in the broadcasting industry. The esteemed speaker for the event was Mr. Vijaya Kumar, an industry expert with extensive knowledge in satellite communication and broadcasting.

Guest Speaker - Mr. Vijaya Kumar:

Mr. Vijaya Kumar is a distinguished professional in the field of satellite communication and broadcasting. With over 32 years of experience. He is known for his contributions to the advancement of satellite technologies and his insightful perspectives on the role of satellites in broadcasting.

Objectives:

The primary objectives of the guest lecture were:

- To provide students with an overview of satellite communication and its significance in broadcasting.
- To explore the technical aspects of satellite communication, including transmission, modulation, and signal reception.
- To discuss the challenges and opportunities in satellite broadcasting.
- To inspire students to consider career paths in satellite communication and related fields.

Some of the key highlights of the lecture included:

Introduction to Satellite Communication:

Mr. Kumar provided an overview of satellite communication, explaining how it facilitates the distribution of audio and visual content to a global audience. He discussed the different types of satellites and their orbits.

Broadcasting via Satellites:

The speaker elaborated on the crucial role of satellites in broadcasting, including their use in transmitting television, radio, and multimedia content. He highlighted the global reach and seamless coverage that satellite communication offers.

Recent Advancements:

The speaker discussed recent advancements in satellite broadcasting, such as the shift to high-definition and ultra-high-definition content, interactive television, and the integration of satellite and internet technologies. He addressed challenges such as signal interference, orbital congestion, and regulatory issues. He also discussed future trends, including the potential of small satellites and the evolution of broadcasting platforms.

Conclusion:

The guest lecture on "Satellite Communication in Broadcasting" by Mr. Vijaya Kumar was a valuable learning experience for all attendees. Students gained insights into the pivotal role of satellite communication in the broadcasting industry and acquired a deeper understanding of the technical and practical aspects associated with it. The lecture succeeded in bridging the gap between theoretical knowledge and real-world applications, contributing to the holistic development of the students.

Acknowledgments:

The Department of ECE expresses its sincere appreciation to Mr. Vijaya Kumar for accepting the invitation and delivering an exceptional lecture. The department also extends thanks to the students and faculty members who actively participated in the lecture, making it a resounding success.

సాంకేతికత అందిస్తున్నది

కామ్రేజీ, న్యూఢిల్లీ: ఇంటర్నెట్ విద్యార్థులు సాంకేతికతను అందిస్తున్నది అవకాశాలు సృష్టించుకోవాలని దూరదర్శన విశ్రాంత టెక్నికల్ డైరెక్టర్ విజయకుమార్ సూచించారు. చెయ్యేరులోని శ్రీనివాస స్వయంప్రతిపత్తి ఇంటర్నెట్ కళాశాలలో బుధవారం నిర్వహించిన శాటిలైట్ కమ్యూనికేషన్ ఇన్ బ్రాడ్కాస్టింగ్ ఆన్ అంశంపై నిర్వహించిన అవగాహన సదస్సులో ఆయన పాల్గొన్నారు. దీనికి సంబంధించిన విషయాలను పవర్ పాయింట్ ప్రజెంటేషన్ ద్వారా విద్యార్థులకు వివరించారు. డివీఎస్ఎస్ వర్క్, రేషియోలు, సెల్ ఫోన్లు, రిమోట్ సెన్సింగ్ వంటివి వివరించారు.

