



Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, approved by AICTE and affiliated to JNTUH)
Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana. www.brecw.ac.in

13 October 2023

Report of Guest Lecture on “Innovations in Electrical Engineering – Aerospace and Defense perspective”

The EEE Department has organized a Guest Lecture on “Innovations in Electrical Engineering – Aerospace and Defense perspective” for II, III & IV B Tech EEE students during 12 October 2023, Guest Lecture was scheduled from 10:30 to 12:30 Hrs.

Inaugural function was attended by the Speaker Dr G Raj Kiran, Principal Dr J Madhavan, EEE-HOD Mrs S Deepti, Workshop in-charge Mrs R Manju Bhargavi, EEE staff and II, III and IV EEE students. The venue was Seminar Hall WB-402.

Speaker:



Dr G Raj Kiran
Scientist “F”
Technology Director-Aerodynamics & Thermal design
Advanced Systems Laboratory,
Defence Research & Development Organization,
Kanchanbagh, Hyderabad – 500058

He completed his PhD in Aerospace Engineering, 2023 at IIT Kharagpur. He completed his B. Tech. in Aerospace Engineering, May 2002 in INDIAN INSTITUTE OF TECHNOLOGY, MADRAS

Banner:



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Department of Electrical and Electronics Engineering
Presents

A Guest Lecture

On

**Innovations in Electrical Engineering
Aerospace and Defense perspective**

By

Dr G Raj Kiran


Scientist "F", Technology Director-Aerodynamics & Thermal design
Advanced Systems Laboratory, DRDO, Kanchanbagh, Hyderabad



Organizing under IEEE Student Chapter

Date: 12 October 2023
Venue: Seminar Hall (WB-402)

Schedule:



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Department of Electrical and Electronics Engineering

Inaugural Session Schedule Guest Lecture on
"Innovations in Electrical Engineering – Aerospace and Defense perspective"

Date: 12 October 2023 Venue: Seminar Hall (WB 402)

SNo	Time	Speaker
1	10:30 AM	Welcome Address by Nandini (III EEE)
2	10:35 AM	Address by Principal, Dr J Madhavan
3	10:40 AM	Address by Vice-Principal, Mr G Dayakar Reddy
4	10:45 AM	Address by HoD-EEE, Mrs S Deepti
5	10:50 AM	Keynote address by speaker, Dr G Raj Kiran
6	12:30 AM	Vote of Thanks by Sahithi (III EEE)

R Manju Bhargavi
Seminars and Workshops In-charge

S Deepti
HOD-EEE

On the Forenoon of 12 October 2023, the Department of Electrical Engineering at Bhoj Reddy Engineering College for Women hosted a guest lecture on "Innovations in Electrical Engineering – Aerospace and Defense perspective." The speaker was Dr G Rajkiran, Scientist "F", Technology Director-Aerodynamics & Thermal design, Advanced Systems Laboratory and an accomplished scientist with over 20 years of experience in the DRDO. The lecture was attended by II, III and IV Btech students and faculty members from the EEE department. The lecture aimed to shed light on the latest technological advancements in the field of electrical engineering as they relate to aerospace and defense applications. Dr G Rajkiran is renowned for their contributions to cutting-edge technologies in the aerospace and defense sectors and has received numerous awards and recognitions for their work.

Dr G Rajkiran provided practical examples and case studies illustrating how these innovations are currently being employed in aerospace and defense. Attendees gained valuable insights into the impact of electrical engineering on national security and space exploration. Attendees gained insights into how electrical engineering contributes to national security and space exploration. The lecture not only broadened horizons but also encouraged further research and exploration of innovative technologies.


Following the lecture, an interactive Q&A session allowed students, faculty, and attendees to engage with Dr. G Rajkiran asked questions, and seek further clarification on various topics. This session facilitated valuable discussions and enhanced knowledge sharing. . This allowed for the exchange of ideas and the establishment of potential collaborations in the field.



Figure 1: During the lecture of Dr G Raj Kiran

The Feedback from the students (Total feedback taken from 58 students, including II EEE, III EEE and IV EEE) was taken.

IV EEE



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Department of Electrical and Electronics Engineering
Guest lecture FEEDBACK FORM

12 October 2023

Topic: "Innovations in Electrical Engineering – Aerospace and Defense perspective"

Dates: 12 October 2023

Name of the speaker and Designation: Dr G Raj Kiran, Scientist "F", Technology Director- Aerodynamics & Thermal design, Advanced Systems Laboratory, Defence Research & Development Organization, Kanchanbagh, Hyderabad – 500058

Please encircle the level of understanding the concept with each statement

1. Excellent	2. Good	3. Average	4. Not satisfied
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- 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. This Guest lecture was worth my time 1 2 3 4
- d. This Guest lecture helped me to improve my technical and practical skills 1 2 3 4
- e. This Guest lecture will be helpful for developing my Mini / Major projects 1 2 3 4

Comments / suggestions for improvement of the workshop in future

Figure 2: The sample feedback

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. Student's 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.

II EEE	14
III EEE	28
IV EEE	16
Total feedback taken	58

	1	2	3	4	Total
a	38	13	7	-	58
b	32	17	8	1	58
c	42	7	6	3	58
d	38	14	5	1	58
e	41	9	7	1	58
Total	191	60	33	6	290

Figure 3: The analysis of feedbacks



Figure 4: During valedictory ceremony, speech by Sahithi, III EEE student

R Manju Bhargavi, Seminars and Workshops In-charge faculty expressed her sincere gratitude for allowing EEE 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 Sahithi, student of III EEE.