



St. PETER'S ENGINEERING COLLEGE

UGC - AUTONOMOUS



Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with "A" Grade, NBA Programme Accredited (EEE, CSE, ECE)

Report on Guest Lecture on Electronics to Big Data: A Career Blueprint for Aspiring Engineers

Date: January 27th, 2025

Time: 10:00 AM onwards

Venue: Rojamma Hall

Organized by: Department of Electronics and Communication Engineering, St. Peter's Engineering College, in association with IETE Student Forum

Resource Person:

- Dileep Kumar Gogula, Senior Data Engineer, Swiss Re, Hyderabad, India

Overview: On January 27th, 2025, the Department of Electronics and Communication Engineering at St. Peter's Engineering College, in collaboration with the IETE Student Forum, hosted a guest lecture focused on career guidance bridging Electronics and Big Data. The event was specifically designed for II YEAR students and featured the expertise of Mr. Dileep Kumar Gogula from Swiss Re.

Key Takeaways from the Lecture:

Convergence of Electronics and Big Data: The lecture provided comprehensive insights into how electronics and big data intersect in modern technology landscapes, highlighting opportunities for electronics engineers in the data-driven world.

Career Transition Pathways: The resource person shared valuable insights on how electronics engineers can successfully transition into big data roles, emphasizing the complementary nature of electronics knowledge in data engineering.

Essential Skills Development: The session outlined crucial skills required for success in big data careers, including programming languages, data processing frameworks, and analytical tools relevant to electronics engineers.

Industry Applications: Practical examples and use cases were presented showing how electronic systems generate, process, and utilize big data across various sectors including IoT, smart devices, and industrial automation.

Future Opportunities: The speaker highlighted emerging trends and future career prospects at the intersection of electronics and big data, including roles in sensor data analytics, IoT platforms, and intelligent systems.



St. PETER'S ENGINEERING COLLEGE

UGC - AUTONOMOUS



Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with "A" Grade, NBA Programme Accredited (EEE, CSE, ECE)

Conclusion: The guest lecture successfully provided students with valuable insights into the evolving landscape of electronics and big data careers. Mr. Dileep Kumar Gogula's expertise and industry experience contributed significantly to making the session informative and engaging for the second-year students.

Acknowledgments: We express our sincere gratitude to:

- The college management for their continued support
- Mr. Dileep Kumar Gogula for sharing his valuable expertise and insights
- Dr. K. Narender (Head of the Department)
- Dr. K. Sree Latha (Principal)
- Sri T.V. Reddy (Secretary)
- Dr. Ch. SaiTeja and Ms. S. Swetha (Faculty Coordinators)
- IETE Student Forum for their coordination
- Faculty members for their assistance
- Students for their active participation and engagement

The event successfully achieved its objective of providing career guidance and inspiration to aspiring engineers in the evolving field of electronics and big data.

Poster:



St. PETER'S ENGINEERING COLLEGE

UGC - AUTONOMOUS



Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with "A" Grade, NBA Programme Accredited (EEE, CSE, ECE)


Poster:



 **St. PETER'S
ENGINEERING COLLEGE**
Giving Wings to Thoughts
ESTD : 2007

 **UGC AUTONOMOUS**
AFFILIATED TO JNTUH, APPROVED BY AICTE, ACCREDITED BY NAAC WITH "A" GRADE, NBA PROGRAMME ACCREDITED (EEE, CSE & ECE)

 **NBA**
NATIONAL BOARD
OF ACCREDITATION

 **IETE**
INSTITUTE OF ELECTRONICS AND TELECOMMUNICATIONS ENGINEERS

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
IN ASSOCIATION WITH
IETE STUDENT FORUM**

ORGANIZES A GUEST LECTURE ON

**ELECTRONICS
TO
BIG DATA**



**A Career Blueprint for
Aspiring Engineers**

For II YEAR STUDENTS

SPEAKER
Dileep Kumar Gogula
Senior Data Engineer,
Swiss Re, Hyderabad, India.

ON
27 JANUARY, 2025

 **TIME:**
**FROM 10.00 AM
ONWARDS**

 **VENUE:**
ROJAMMA HALL

FACULTY COORDINATOR
Dr.Ch.SaiTeja
Ms.S.Swetha

HEAD OF THE DEPARTMENT
Dr.K.NARENDER

PRINCIPAL
Dr.K.SREE LATHA

SECRETARY
Sri T.V.REDDY



St. PETER'S ENGINEERING COLLEGE

UGC - AUTONOMOUS



Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with "A" Grade, NBA Programme Accredited (EEE, CSE, ECE)





St. PETER'S ENGINEERING COLLEGE

UGC - AUTONOMOUS



CSE, ECE)





St. PETER'S ENGINEERING COLLEGE

UGC - AUTONOMOUS



Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with "A" Grade, NBA Programme Accredited (EEE, CSE, ECE)

