



Report on: “Beyond the Datacentre: How TinyML is Decarbonizing Intelligence”.

Title of the Program
“Beyond the Datacentre: How TinyML is Decarbonizing Intelligence”.
Venue
BGSCET Mahalakshmiapuram Bengaluru 560086
Date & Time
27/09/2025 10:30AM TO 11:30AM
Participants
Faculty- Mr. Sumanth C Gowda and Mrs. Rohini C Students- 3 rd and 5 th semester
Resource Person
Dr. Alok Ranjan, Senior AI Architect at Bosch, India.
Convenor/ Coordinators
Dr. Manjula G, HoD, Department of CSE, BGSCET
Session Details
<p>BGSCET 3rd and 5th semester CSE students have actively participated in one hour technical session on “Beyond the Datacentre: How TinyML is Decarbonizing Intelligence”. The speaker has highlighted the importance on trends on AI, prompt engineering, IoT, Machine Learning, how the prompt works, TinyML, how the embedded systems and machine learning is related to TinyML, How TinyML is decarbonizing Intelligence.</p>
Outcome/ Takeaway
<ul style="list-style-type: none">• The session provided an excellent learning opportunity to the students to learn on Artificial Intelligence, browser, trends on AI (Ghibli, action finger).• The process of designing and improving prompts used in natural language processing (NLP) models such as ChatGPT, chatbots.

- IoT architecture.
- TinyML is a branch of machine learning and embedded systems.
- Decarbonisation with TinyML using machine learning to improve efficiency, accuracy and cost-effective.

Poster

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IEEE BANGALORE SECTION

IEEE STUDENT BRANCH

Technical Talk
 on
Beyond the Datacenter: How TinyML is Decarbonizing Intelligence

DR. ALOK RANJAN
 Senior Expert, Bosch Global Software Technology

27-9-2025 10:30 AM to 11:30 AM Auditorium

Dr. Manjula G
 HoD, CSE

Dr. Ravikumar G. K
 Principal

Dr. Raju G. T
 Director

Coordinators
 Mr. Sumanth, Mrs. Rohini C
 Asst. Prof., CSE

Photos



HOD

Principal

