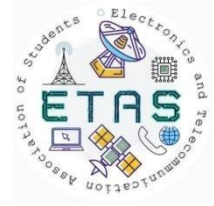




Government college of Engineering, Amravati

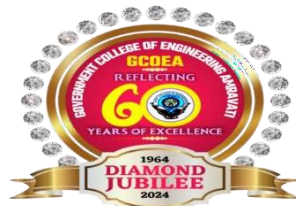


Presents

ETAS

(Electronics and Telecommunication Association of Students)

In celebration of Diamond Jubilee of Government College of Engineering,
Amravati.



9th February, 2024.

The Department of Electronics and Telecommunication, in collaboration with ETAS, orchestrated a highly informative guest lecture titled "5G Toolkit" as part of the Diamond Jubilee 2024 celebrations. The lecture, conducted as a webinar, took place on the Microsoft Teams platform on February 9th, 2024, and was specifically tailored for the students of the E&TC department.

Mr. Vikram Singh, Chief of Technology at Gigayasa Wireless, delivered the guest lecture. The faculty in charge, Ms. Radhika Harne, extended a warm welcome to Mr. Singh in the presence of the

honourable Principal Sir Dr. A. M. Mahalle and Head of Department, Dr. P. R. Deshmukh.

The objective of the lecture was to impart knowledge to students about the 5G Toolkit software, which aids in designing algorithms for 5G and various wireless systems. Mr. Singh elaborated on the utility of the 5G Toolkit, detailing its applications in personal, academic, and research endeavors, as well as its role in simulations and the analysis of diverse 5G network systems. Within academia, it facilitates the establishment of 5G/6G wireless communication laboratories, the publication of research on standard-based B5G technologies, the organization of student training programs and FDPs, as well as the instruction of 5G technologies through projects and laboratory experiments. In the industrial sphere, it enables network design and optimization activities, harnesses artificial intelligence (AI) to enhance B5G networks, facilitates the development of IP portfolios for radio access networks, and offers various other functionalities. The session peaked with a notable increase in student interest, motivating them to explore and pursue further learning opportunities regarding the software.

With the closing remarks from Ms. Radhika Harne, whose contributions facilitated the occurrence of the event, the session drew to a conclusion. ETAS reaffirms its commitment to organizing similar informative sessions in the future, with the support and collaboration of all faculty members.



GOVERNMENT COLLEGE OF ENGINEERING, AMRAVATI
DEPARTMENT OF ELECTRONICS ENGINEERING



ETAS

Presents

Webinar ON

5G TOOLKIT

**AN IMPORTANT TOOL FOR RESEARCH AND INOVATIONS IN 5G
AND BEYOND TECHNOLOGIES**

**DEPARTMENT OF ELECTRONICS ENGINEERING IN ASSOCIATION WITH
ETAS IS ORGANIZING A WEBINAR FOR STUDENTS OF E&TC
DEPARTMENT UNDER THE DIMOND JUBILEE 2024 CELEBRATION**

Vikram has been the Chief of Technology (CTO) at **Gigayasa Wireless** since December 2021. He was a Research Engineering at the Centre of Excellence in Wireless Technology (CEWIT), Indian Institute of Technology Madras. He has contributed to 3GPP standards on positioning in release 16 and release 17 of 5G New Radio. He has worked as a System on Chip (SoC) Design Engineer at Intel India after graduating from IIT Kanpur in 2018.



Vikram Singh
CTO, Gigayasa Wireless

ON FRIDAY, 9TH FEBRUARY 2024

4:00 PM - 5:00 PM

ORGANIZERS

R.R. HARNE
FACULTY INCHARGE , ETAS

DR. P.R. DESHMUKH
H.O.D. ELECTRONICS DEPARTMENT

DR. A.M. MAHALLE
PRINCIPAL , GCoE AMRAVATI