



**GSSS**

GEETHA SHISHU SHIKSHANA SANGHA (R)

**INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN**



(Affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE New Delhi & Govt of Karnataka)

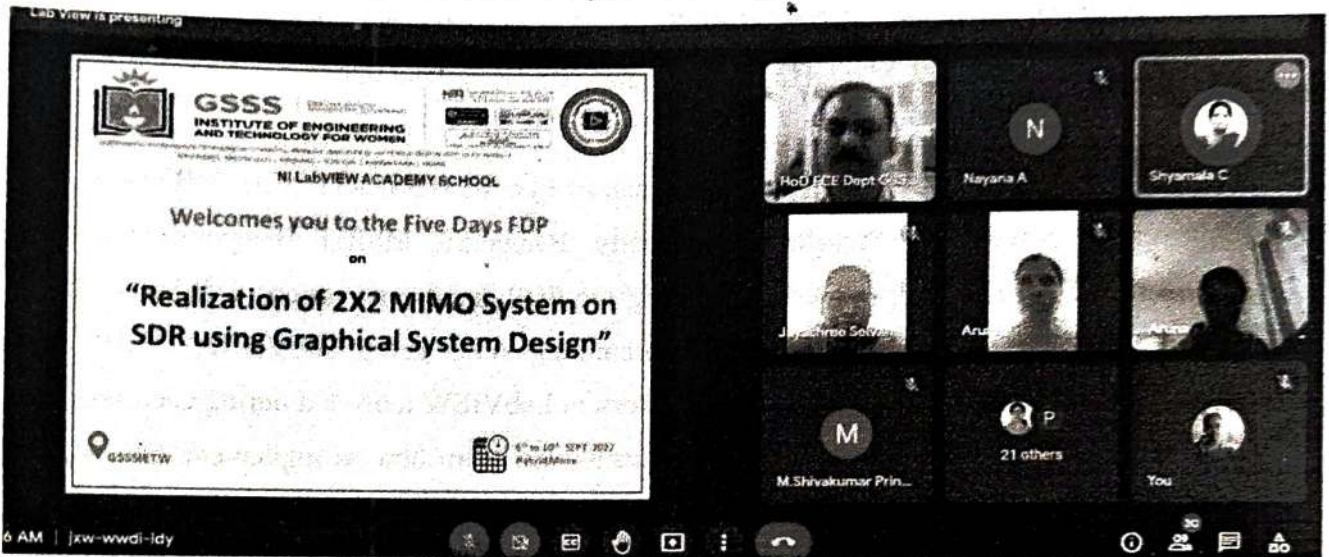
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**Department of Electronics & Communication Engineering**

**PRESS REPORT**

Date: 07/09/2022

**Five Days Faculty Development Program (FDP) on “Realization of 2X2 MIMO System on SDR using Graphical System Design” held at GSSSIETW, Mysuru**



NI LabVIEW ACADEMY SCHOOL, Department of ECE, GSSSIETW, Mysuru organized a Five Day Faculty Development Program (FDP) in Hybrid Mode on “Realization of 2X2 MIMO System on SDR using Graphical System Design” from 6<sup>th</sup> to 10<sup>th</sup> September 2022.

Dr. Shivakumar M, Principal, GSSSIETW Mysuru inaugurated the five days FDP and highlighted about the Scope of LabVIEW in engineering stream. He mentioned about the different events being organized under NI LabVIEW ACADEMY SCHOOL, GSSSIETW Mysuru.

Dr. Rajendra R Patil, NI LabVIEW ACADEMY SCHOOL Coordinator and Professor & Head, Dept. of ECE, GSSSIETW, briefed the attendees about the FDP. He informed that this FDP is being organized to update latest technology to faculties, research scholars and PG students on 2X2 MIMO applications in 4G/5G wireless technology. AICTE New Delhi has granted over Rs 12 Lakhs to ECE Dept, GSSSIETW for establishing "Advanced Communication Lab for developing and prototyping 2X2 MIMO systems" under its MODROB scheme. Under this grant the Dept. has procured advanced Universal Software Radio Peripheral (USRP) - 2944R and antennas of different frequency bands that support rapid prototyping of wireless applications in 4G/5G. The FDP curriculum includes the execution of projects using these hardware units. Dr. Shyamala C, Mrs. Bharathi R, Dr. Jagadisha N, Mrs. Arpitha Shankar S I, Mrs. Amrutha R and Mrs. Nagashree R N, faculties of GSSSIETW, Mysuru are the resource persons for the FDP.

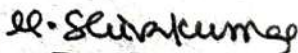
Faculties from various Colleges across Karnataka like VSM'SSRKIT Nipani, Belagavi, Sharnb University, Kalaburagi, Presidency University, Bengaluru, MSRIT Bengaluru and GSSSIETW, Mysuru are participating in the FDP. During the FDP, hands on sessions will be conducted by the trainers covering different graphical programming skills using LabVIEW, USRP and antenna interface. The participants will be made to work in LabVIEW tools and during each session real time examples will be taken. At the end, participants will learn how to implement 2X2 MIMO system using USRP.

Smt. Vanaja B. Pandit, Hon Secretary, GSSS(R), Mysuru, Sri R K Bharath, Board Member and CEO, GSSS(R), Mysuru and Smt. Anupama B Pandit, Administrative Officer, GSSS(R), Mysuru, conveyed their best wishes for success of the event.

  
HoD, ECE

Head of the Department

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Principal

**PRINCIPAL**

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