



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

Ref: GSSSIETW/ECE/2022-23/70

Date: 14-02-2023

Workshop on “Embedded Systems & IoT” held at GSSSIETW, Mysuru

Press Note



Glimpses of the Workshop

Department of Electronics and Communication Engineering organized 3 - days workshop on “**Embedded Systems and IoT**” under AECES & in association with IETE Students Forum for 167 students of III Semester by Mr. Thejas A V, Embedded Solutions, Mysore from 1/02/2023 to 11/02/2023 in three slots for each section.

The event was inaugurated by **Dr. Rajendra R Patil**, Professor and Head, Dept. of ECE, GSSSIETW, Mysuru. The Head of the department in inaugural speech emphasized the importance of embedded systems and IoT in daily life and in industry. Dr. S Padmashree, Professors in Dept. of ECE and Coordinators of Technical Forum were present.

The workshop was conducted for 3 Days where in the first day, resource person briefed about the introduction to embedded systems followed by hands-on session about embedded system implementation using Arduino IDE software and NODEMCU ESP8266 board. In the second day, students were made to implement Traffic Signaling of both Single and double lane along with the blinking of LED, fading of LED , Light Dependent Resistor and Temperature Sensor applications using Arduino IDE open source software. On the final day, introduction on Internet of Things and the hands on session using Blynk IoT Platform were thought to students. Students were able to control the designed application built by them using Blynk App which is the most popular Internet of Things platform with free Cloud.

 14/02/23

HoD, Dept of ECE
Head of the Department

Dept of Electronics & Communication Engg
GSSS IETW, Mysuru, India-570016


Principal

PRINCIPAL

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Department of Electronics & Communication Engineering

Press Note

Date: 25/01/2023

Introductory session for the “Courses offered by IBM through CSR initiative IBM skills build” held at GSSSIETW, Mysuru



Glimpses of Introductory session on the “Course offered by IBM through CSR Initiative IBM skills build”

Department of Electronics and Communication Engineering, GSSS Institute of Engineering and Technology for Women, Mysuru organized an introductory session on the “Courses offered by IBM through CSR initiative IBM skills build” for First and second year students of ECE, CSE, ISE, EEE & AI&ML on 25th January 2023.

During the inauguration, Dr. Rajendra R Patil, HOD, department of ECE, briefed about the importance of skillset in placement and also gave introduction about IBM skill build program.

The Resource person Mrs Anjali Verma, Associate consultant, Digital skills, CSRBOX and NGOBOX, Ahmedabad, addressed the students about various skill build program offered by IBM such as Innovation in Entrepreneurship and data analytics. She also conveyed the details about the Skillset essential for Job readiness.

Department of Electronics & Communication Engineering

Press Note

**INTEL INDIA STEM SKILLS PROGRAM FOR WOMEN held at GSSSIETW, Mysuru
organized by ECE Dept.**



(From left) Dr. Rajendra R Patil, Prof & HOD, Dept. of ECE, GSSSIETW, Mysuru, Mr. Sachin Kumar Patil, Senior Consultant in the Department of Technology and Innovation, Mr. Gnaneshwara M P, Senior Consultant in the Department of Technology and Innovation and Dr. M Shivakumar, Principal, GSSSIETW, Mysuru.

Department of Electronics and Communication Engineering, GSSS Institute of Engineering and Technology for Women, Mysuru organized "An Introductory session on VLSI Technology" sponsored by Intel India STEM Skills Program for Women for 5th semester and 3rd semester students of ECE branch under AECES in seminar hall on 10th and 11th January 2023.



Glimpses of Program held on 10/1/2023 and 11/1/2023



Mr. Sachin Kumar Patil and Mr. Gnaneshwara M P, Senior Consultants in the department of Technology and Innovation, Learning Link Foundations were the resource persons of the program. Principal, HoD, Professor and faculties of ECE Department graced the Occasion.


Dr Rajendra R Patil, Professor and Head, Department of ECE, GSSSIETW addressed the gathering and highlighted the impact of VLSI industry and opportunities available for women in the field of semiconductors. He insisted all the students about the importance of this skill sets and salary packages available in this domain.


Dr. M Shivakumar, Principal, GSSSIETW in his address highlighted the training programs being organized for faculties of ECE department and also mentioned the opportunities in VLSI industry. He also emphasized the students to make the best use of this program by being certified in the core domains which will be beneficial for all the students for projects, campus recruitments and career in future.

Resource persons addressed the students on key importance of VLSI and Learning link foundations. They gave the complete information of program structure of INTEL INDIA STEM SKILLS PROGRAM involving 20 hours free Online Technical training on VLSI course, Soft skill training and Hackthons will be conducted in the regional colleges.

The main objective of the program is to provide a forum to exhibit the technical challenges implemented in the domains of VLSI industry. This program provides useful key trends to design and develop innovative projects and demonstrate their learning experience in the core domain of VLSI.



Prepared By,
Dr Latha M and Nagesh M S


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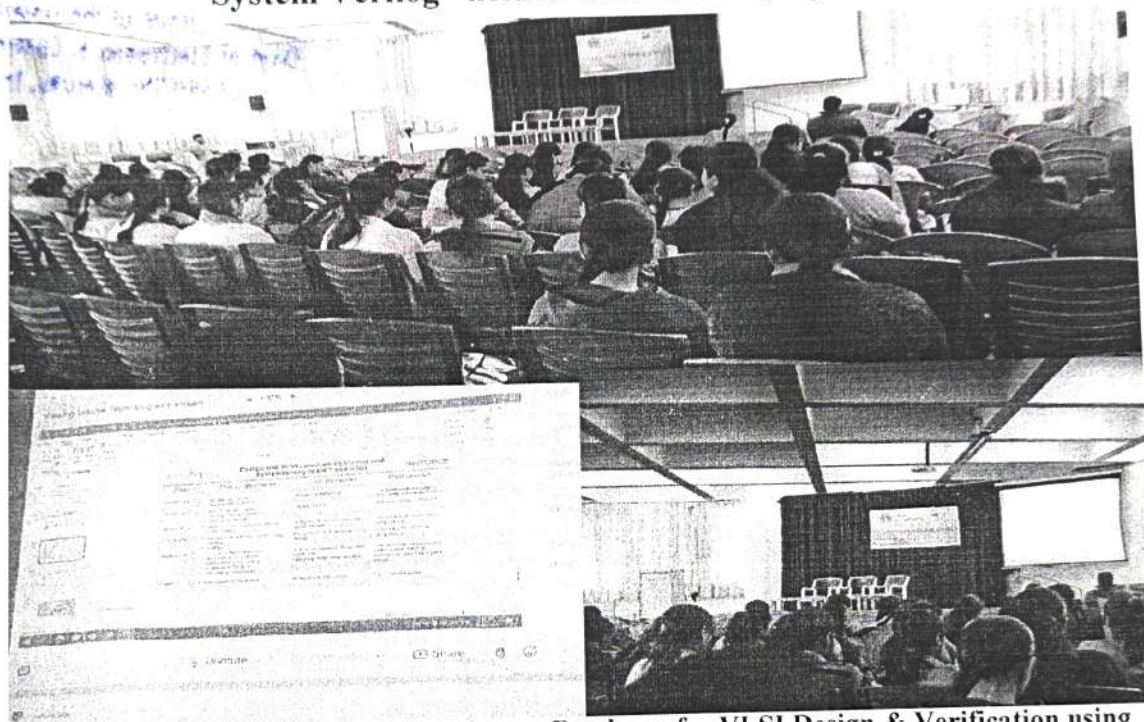
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Department of Electronics & Communication Engineering

Press Note

Date: 09/12/2022

Online webinar on “Career Roadmap for VLSI Design & Verification using System Verilog” held at GSSSIETW, Mysuru



Glimpses of Online webinar on “Career Roadmap for VLSI Design & Verification using System Verilog”

Department of Electronics and Communication Engineering GSSS Institute of Engineering and Technology for Women, Mysuru organized online webinar on “Career Roadmap for VLSI Design & Verification using System Verilog” for Final year students of Electronics & Communication Engineering on 9th December 2022.

The resource person from Entuple Technologies, Bengaluru addressed the students about the career opportunities for Electronics and Communication Engineering students in semiconductor industry. He also conveyed the details about the VLSI design flow, importance of Verification and Applications of semiconductor devices such as Automotive, consumer electronics, medical field, etc,

The **S**peaker also educated students about the opportunities they have as electronics and communication engineer in the semiconductor industries and also listed major chip designing companies, semiconductor companies and fabrication units present in INDIA.

The overall session was very informative and ~~would help~~ ^{helped} the students go a long way in their educational and future professional journey as well.


Dr. Rajendra R Patil
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Dr. Shivakumar M
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NBA Accredited Branches: ECE, CSE, ISE
Validity : 01.07.2017 - 30.06.2023
& EEE Branch up to 30.06.2024



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Department of Electronics & Communication Engineering

Press Note

Date: 16/11/2022

Technical Talk on “Future and Opportunities in Semiconductor Industry” held at GSSSIETW, Mysuru



Glimpses of technical talk on “Future and Opportunities in Semiconductor Industry”

Department of Electronics and Communication Engineering, permanently affiliated to VTU Belagavi and Accredited by NBA, New Delhi, GSSS Institute of Engineering and Technology for Women, Mysuru organized Technical talk on “Future and Opportunities in Semiconductor Industry” for Pre-Final year students of Electronics & Communication Engineering on 9th November 2022.


The resource person Mr. Chandan H P, Verification Engineer, Vivartan Technologies LLP, Bengaluru addressed the students about the future revolution of the semiconductor industry and how the entire


chain of making a processor works. A major part of the talk conveyed details on the major chip designing companies, semiconductor companies and fabrication units and also the investments made by the Government in semiconductor industries.

The speaker also educated students about the opportunities they have as electronics and communication engineer in the semiconductor industries. He mentioned the internship programs and explained how students can be a part of the program to develop their skills which can make them eligible for the yet-to-come opportunities.

Dr. Rajendra R. Patil, Professor & Head, Dept. of ECE, GSSSIETW, Mysuru, briefed the students that VLSI industry is an important and growing market that has a lot of potentials in terms of career opportunities.

The overall session was very informative and would help the students go a long way in their educational and future professional journey as well.


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Head of the Department
Dept of Electronics & Communication Engg


Dr. Shivakumar M
Principal
17/11/2022



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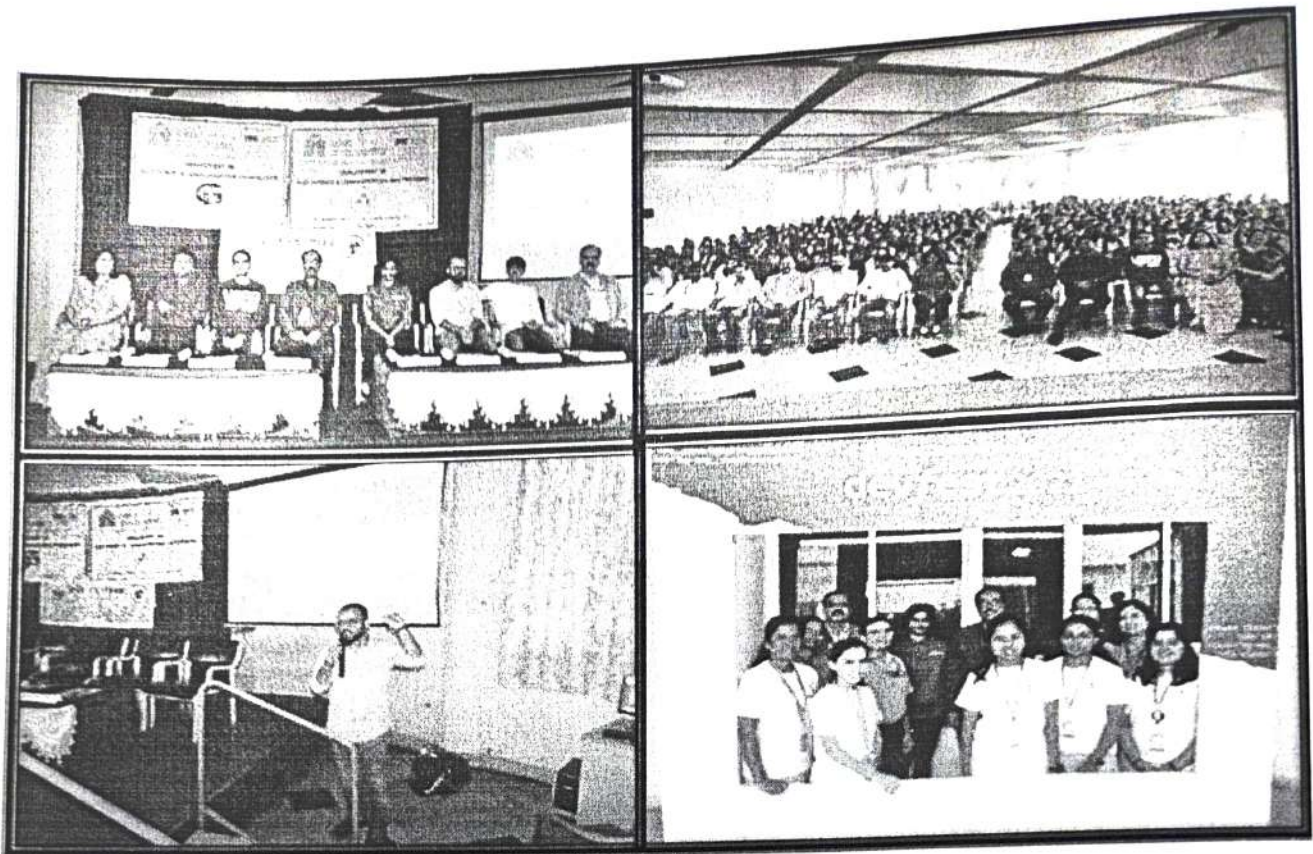
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Press Note

Devfest-2022 held at GSSSIETW, Mysuru organized by ECE Dept.



(From left) Mr. Karthik Revanuru, Data Scientist, CRED, Bengaluru, Mr. Priyansh Kedia, Data Scientist, CRED, Bengaluru, Dr. M Shivakumar, Principal, GSSSIETW, Mysuru, Ms. Usha Renganranju, Chief Data Scientist, Polymath, Dr. Sushma S J, Associate Professor, Dept. of ECE, GSSSIETW, Mysuru, Dr. Rajendra R Patil, Prof & HOD, Dept. of ECE, GSSSIETW, Mysuru, Mr. Nilay Chauhan, Data Scientist and Free lancer and Mr Kumar Vishwesh, AI Product Manager, Intel.



Glimpses of DevFest-2022 held on 15/10/2022

Department of Electronics and Communication Engineering, GSSS Institute of Engineering and Technology for Women, Mysuru, permanently affiliated to VTU Belagavi and Accredited by NBA, New Delhi, organized DevFest-2022 for all the branches of Engineering, GSSSIETW, Mysuru on Saturday 15th October 2022 in association with Google Developer Groups (GDG).

DevFest-2022, a local tech conferences hosted by Google Developer Groups (GDG) was formally inaugurated by the chief guest Ms.Usha Rengananju, Chief Data Scientist, Polymath. Ms Usha Rengananju highlighted the impact of the Devfest-2022 and how it is being organized in various regions across India. Devfest-2022 is a platform that provides excellent opportunities to the students to showcase their interests in proposing innovative methods for project works. Principal and HoD's of Various Department also graced the Occasion.

Dr. M Shivakumar, Principal, GSSSIETW addressed the gathering by thanking all the resource persons and Program Coordinators for organizing this program at GSSSIETW Campus. He mentioned that Devfest -2022 at GSSSIETW was organized in the domain of Machine Learning & Artificial Intelligence and Data Science which is the multi-disciplinary domain, beneficial for all the branch students for projects, campus recruitments and career in future. He also emphasized that science and innovations need to be promoted by young minds thinking towards positive directions.

The online and offline sessions were carried after the inaugural function. The online session was initiated by Ms Kavita Aroor, Intel Developer Marketing Lead Asia and Pacific, Japan. She shared knowledge on vibrant open Ecosystem for developers and also on Intel oneAPI which is an open standard for a unified application programming interface intended to be used across different compute accelerator architectures, including GPUs, AI accelerators and field-programmable gate arrays. She mentored students by providing various web links, which will be beneficial for students for carrying out the projects and campus recruitments.


Another online session was delivered by Ms Sharmila Devi, AI Consultant, Google Cloud, who inspired students to pursue careers as data scientists, by increasing knowledge on the three pillars of data science such as Skill Enablement, Learner & Network, and Personal Branding.

The Offline sessions were followed by Mr Nilay Chauhan, Data Scientist and Free lancer, who addressed the students on key importance of Machine Learning in day-to-day life. He also shared the learning platforms on programming and Mathematics such as learning Python tutorials and Hackerrank for programming and Khan Academy and 3Blue1Brown Youtube channels.

The next session was continued by Mr Karthik Revanuru, Data Scientist, CRED, Bengaluru and Mr Priyansh Kedia, Data Scientist ,CRED, Bengaluru shared information on CRED and Classification of large scale text data for beginners. He inspired students by providing roadmap to become Data scientist. They also delivered information on the Applications of CRED.

The last session of this program was delivered by Mr Kumar Vishwesh, AI Product Manager, Intel, gave introduction to basics of Open VINO toolkit and interacted with students by demonstrating hands-on on Open VINO TensorFlow platform. He also gave the information on how to work with this toolkit by using available coding resources.

The main objective of the program is to provide a forum to exhibit the technical challenges implemented in the areas of Machine Learning, Artificial Intelligence and Data Science and related areas. This program provides useful key trends to design and develop innovative projects and demonstrate their learning experience on these areas. Overall Program was coordinated by Dr Sushma S J, Associate Professor, Department of ECE, GSSSIETW, Mysuru.


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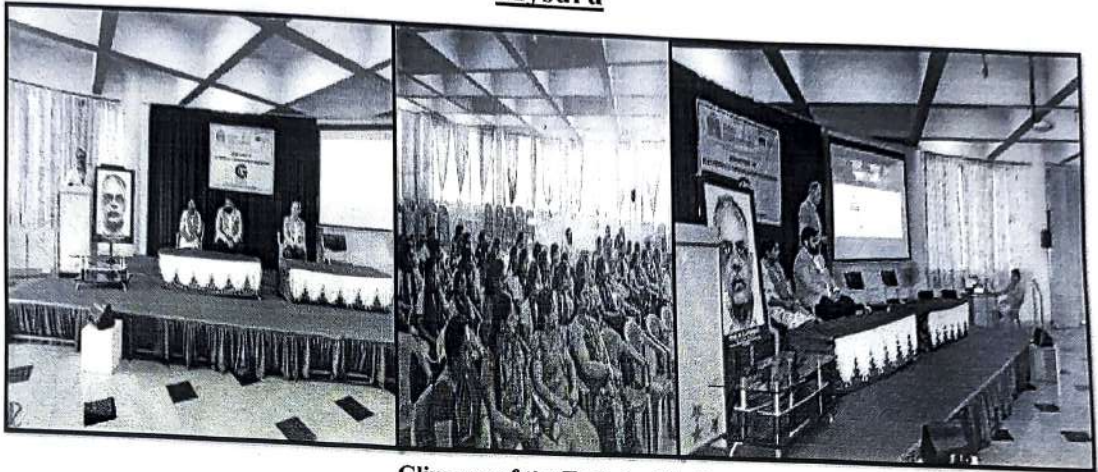
Department of Electronics & Communication Engineering

Ref: GSSSIETW/ECE/2022-23/

Date: 16-06-2023

Press Note

**Technical Talk on "DADB- Creating Opportunities" held at GSSSIETW,
Mysuru**



Glimpses of the Technical Talk

Department of Electronics and Communication Engineering under AECES forum, GSSS Institute of Engineering and Technology for Women, Mysuru, Accredited by NBA, New Delhi, recently organized a technical talk on "DADB [German Academy of Digital Education] - Creating Opportunities" for VI Semester ECE students, under IQAC.

Dr.-Ing. Carsten S Schroder, Mr. Neelesh Reddy and Ms. Sharnya (include designation, organization) were the resource persons.

The session was commenced by welcoming the panel members, resource persons and participants. Dr. Shivakumar. M, Principal, GSSSIETW, conveyed his best wishes for the event. Dr. Rajendra R. Patil, Professor & Head, Dept. of ECE briefed participants about the significance of DADB [German Academy of Digital Education] - Creating Opportunities. He motivated all the participants to make best use of this event as it helps them to enhance knowledge about opportunities in digitizing higher education by Germany.

The resources persons gave the insights about the courses offered in the field of 5G by DADB. He emphasized on advanced communication networks and telecommunications in the context of 5G technology. He expressed that, its DADBs efforts to digitize higher education and to be a part of the education revolution. He also expressed that, recognizing the diverse needs of learners, DADB provides flexible learning options of online mode, provides specializations in the field of Edutainment, Academia-Industry, and B.Tech elective course on 5G that covers more structured approach of the basic concepts and many more.

Dr.-Ing. Carsten S Schroder encouraged the students to pursue higher education, which can lead to better career opportunities and a stronger workforce. He explained the significance of German Academy of Digital Education and their relevance in today's rapidly evolving 5G technological landscape.

As a whole this session was very interactive, informative and would help students go a long way in educational journey. Resource Persons clarified all the doubts and questions asked by participants. Over 160 students of 6th Semester ECE students participated in the event. This event was appreciated by all the participants


HoD, Dept of ECE 16/06/23


Principal