गुरु घासीदास विश्वविद्यालय
(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)
कोनी, बिलासपुर – 495009 (छ.ग.)

Guru Ghasidas Vishwavidyalaya
(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)
Koni, Bilaspur – 495009 (C.G.)

Report on "A Workshop on "ARDUINO"

< Department of Electronics & Communication Engineering>

Date of Event : February 19, 2022

Venue   : School of Studies (Engineering & Technology), GGV Bilaspur
                  (Online Mode)

< Brochure of "A Workshop on "ARDUINO" >

Details of Event Proceedings

Date (DD-MM-YYYY)	Details of the Session	Details of Resource Person	Number of Participants
19-02-2022	A workshop on "ARDUINO"	Mr. Arun Kumar Director, Sincgrid LLP, Delhi	180

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(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)
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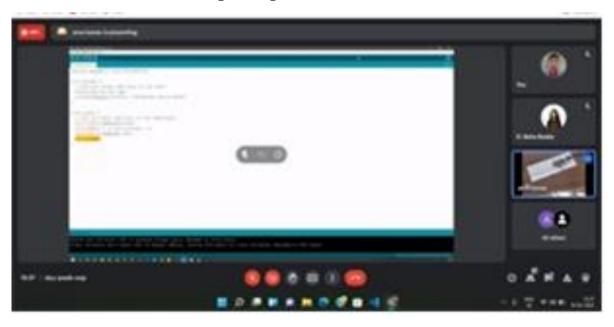Koni, Bilaspur – 495009 (C.G.)

A Brief Abstract of the Event:

Workshop was done in collaboration with Equilibrio'22 initiated by Students of ECE TECH TEAM. Had a good crowd of around 180participants. Workshop begun with a brief Introduction of Arduino. The workshop is hosted by D. Neha Reddy, Student of B.Tech. 3rd year Electronics & Communication Engineering, she introduces the today's speaker Mr. Arun Kumar, Mr. Arun kumar, Director, Sincgrid LLP, Delhi, after that Mr. Arun Kumar started the session and covered the following topics.

Topics covered:
- ❖ Basic structure and components of ARDUINO board
- ❖ Different type of ARDUINO boards
- ❖ Discussion on ARDUINO mini board
- ❖ ATgema328p Microcontroller architecture
- ❖ PIN configuration
- ❖ Bread board small
- ❖ Structure of LED
- ❖ Different types of LED
- ❖ Potentiometer uses
- ❖ RBG project
- ❖ LED blinking
- ❖ Installation ARDUINO IDE
- ❖ Interfacing of ARDUINO IDE with ARDUINO mini
- ❖ Basics of Embedded ac programing and it's deployment of it's code for RBG and LED Blinking

The session ended with vote thanks given by Aman Nigam, Student of B.Tech. 3rd year Electronics & Communication Engineering.

<Speaker Delivering Lecture on 19/02/2022>