

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)



SCHOOL OF STUDIES ENGG & TECH,  
GURU GHASIDAS VISHWAVIDYALAYA

EQUILIBRIO'22

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



**ARUN KUMAR**  
Director, Sincgrid LLP, Delhi

Graduate in Electronics and communication Engineering from NSIT Delhi  
Major devotion to hardware development for embedded and low power application.  
Experienced In developing educational platforms for hands on experimentation.

*Handwritten signature and text:*  
व्यवस्थापक (इले. एवं संचार अभियंता) /  
H.O.D. (Elect. & Comm. Engineering) /  
प्रौद्योगिकी विभाग /  
Institute of Technology /  
गु. घा. वि. बिलासपुर (छ.ग.) /  
G. G. V. Bilaspur (C.G.)

**ARDUINO COMPONENTS KIT PURCHASE LINK**  
<https://bit.ly/3I35y6w>



**WORKSHOP ON ARDUINO**  
By ECE Tech Team

**19<sup>th</sup> February**  
2:00 pm - 5:00 pm

**For any queries**  
Contact : Aman nigam  
(ECE Tech Lead)-7084727144

HOST - D. NEHA REDDY  
ECE, III Year

equilibrio.fest    equilibrio\_ggv    equilibrio\_ggv

< 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

### *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 180 participants. Workshop begun with a brief Introduction of Arduino. The workshop is hosted by D. Neha Reddy, Student of B.Tech. 3<sup>rd</sup> year Electronics & Communication Engineering, she introduces the today's speaker Mr. Arun Kumar, Mr. Arun kumar, Director, Singgrid 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. 3<sup>rd</sup> year Electronics & Communication Engineering.



<Speaker Delivering Lecture on 19/02/2022>