

**AICTE-SPICES sponsored**  
**One Day Arduino Workshop**

**Date of the event: - 12/02/2022**

**Venue of the event: CAD lab 2 mechanical Block**

**Level of the event: - College level**

**Notice of the event: -**



**Swami Keshvanand Institute of Technology,  
Management & Gramothan**

**Notice**

**07.02.2022**

It is to notify that **Robotics Club-SKIT** in association with VISION WORLD TECHNOLOGY, Jaipur is going to organize one day workshop on Feb. 12, 2022 online training on “**Aurduino and Its Applications**” under the **AICTE-Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES)**. This workshop will be useful for the students as it will provide insights in the field of automation using Aurduino and its applications.

*Date: 12/02/2022*

*Venue: CAD Lab – I, Department of Mechanical Engineering*

*There is no registration fee.*

*Interested students may register through following link:*

<https://forms.gle/XAjLrptsDhEdkGkVA>



**Brij Mohan Sharma**  
Robotics Club- Faculty Coordinator



**Sudesh Garg**  
Robotics Club- Faculty Co-Coordinator

Circulated on social Media

📍 **\*ANNOUNCEMENT\*** 📍

It is a **\*Line following robot\*** which is built with the help of **\*\_Arduino** and some sensors. **\_\*🔥🔥**

To know more about arduino and various other sensors do attend the workshop which will be organised by Robotics Club SKIT in collaboration with Vision World Tech tomorrow i.e 12th February 2022 at 11:00 AM. **\*🌟🌟**

**\*\_The workshop will cover all the basics related to Arduino and a lot more things which will help you to build various exciting and cool projects. **\_\*☐☐****

The workshop will be organised in offline mode and is completely free of cost.

📍 **Do register asap:**

<https://forms.gle/XAjLrptsDhEdkGkVA>

For more details refer the poster below **↓☐↓☐**

## Event brochure / banner:-



The brochure features a dark purple background with a large, stylized gear and a plus sign. At the top left, the 'ROBOTICS CLUB SKIT' logo is displayed. The main title 'is conducting ARDUINO WORKSHOP' is prominently featured in the center. A list of topics is provided on the left side, and a photograph of an Arduino Uno board is shown on the right. A red box at the bottom left contains the event details, and a white box at the bottom right contains registration information.

**ROBOTICS CLUB SKIT**  
is conducting  
**ARDUINO WORKSHOP**

- BASICS OF INTEGRATED ELECTRONICS
- DETAILED ANALYSIS OF ARDUINO
- WORKING ON MULTIPLE SENSORS AND MODULES
- HANDS ON PRACTICAL TRAINING
- ARDUINO PROGRAMMING

DATE : 12 FEB 2022  
TIME : 11:00 AM  
VENUE: CAD 1, First Floor,  
Mechanical Block

\*Participants are requested to bring their own laptop

REGISTRATION IS FREE  
**REGISTER NOW**

More information call  
**9887487871**

**Details/List of invited guest/speakers:-**To speakers were invited from Vision World Tech.

1. Mr. Kuldeep
2. Mr. Radheshyam Kumawat

**Objective of the event:-**Main purpose of the workshop is to make familiar all the students about Microcontroller like Arduino and various types of sensors and IOT based equipment's like GPS, RF id reader and tag, Fire sensor etc.

**Details(Execution):-**This one-day offline Arduino workshop is organised by ROBOTICS CLUB in collaboration with VISION WORLD TECHNOLOGY, Jaipur.

In this workshop speaker Mr. RadheshyamKumawat brief all the attendees about microcontroller and microprocessors by stating most common differences between microcontroller and microprocessor.

After telling about most basic differences and their uses speaker started to introduce all the attendee about most common microcontroller Arduino UNO and mega.

Speaker started giving all the necessary information about Arduino like their input pins, digital pins, analog pins, pins with pwm capability, Atmega 328 and input and output ports.

After this speaker started telling students about its programming and simulation. For simulation we use tinker cad online simulator. For programming Arduino we use Arduino ide. First they demonstrate how to code for Arduino and how to upload it to Arduino using Arduino ide.

Then speaker started simulation of Arduino on tinker cad with a basic LED blinking program. After simulation speaker show some sensors to all the attendee and brief them about their uses in daily life.

**Details of winners / prize distribution:** -Main objective of the workshop is to provide knowledge and hand on experience on Arduino workshop thus No prize was distributed to any to the attendee. Only a certificate of participation was provided to all the attendees and a certificate of appreciation was provided to Vision World Tech team for organizing workshop.

**Photos of event:-**



## एसकेआईटी में हुई एक दिवसीय आर्डिनो वर्कशॉप



### कंट्री विजन/जयपुर

एसकेआईटी कॉलेज जयपुर के रोबोटिक्स क्लब ने विजन वर्ल्ड टेक के साथ मिल कर एक दिवसीय आर्डिनो वर्कशॉप आयोजित कराई। इस वर्कशॉप में

कॉलेज के छात्रों को माइक्रोकंट्रोलर और कई तरह के सेंसर के बारे में बताए गया। इसके साथ ही छात्रों को बहुत ही प्रचलित माइक्रोकंट्रोलर आर्डिनो यूनो को प्रोग्राम करना भी सिखाया गया।