BETTER THE FUTURE

FIVE DAYS

WORKSHOP ON BASICS OF ELECTRONICS & IoT

ORGANISED BY:

LUCKNOW PUBLIC COLLEGE OF PROFESSIONAL STUDIES

(Affiliated to University of Lucknow)
Vinamra Khand, (Near Kathauta Lake)
Gomti Nagar, Lucknow

Date: JULY 07 - 12, 2023
Time: 11:00 AM onwards

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ABOUT THE
WORKSHOP

In this workshop, students will embark on a journey to unravel the mysteries of electronics and IoT. Participants will dive into topics such as electronic components, circuit design, IoT fundamentals, and sensor technologies. Through interactive sessions and collaborative projects, students will develop their problem-solving abilities and enhance their creativity in this dynamic field. Don't miss this opportunity to expand your knowledge, gain practical skills, and ignite your passion for electronics and IoT.

This **'Five Days WORKSHOP ON BASICS OF ELECTRONICS & IoT'** is designed for students of LPCPS who are eager to explore the world of Electronics and IoT. No prior experience is required; however, a basic understanding of physics will be beneficial.

REGISTRATION FEES- Rs. 199 only

REGISTRATION LINK- https://forms.gle/bmTgWGq3PAzs5sZz8

SCAN HERE

Participants can make payment of Registration Fee given below:

Through Bank Transfer:
Name: **LUCKNOW PUBLIC COLLEGE OF PROFESSIONAL STUDIES - RESEARCH CELL**
A/C: **921010049516545**
IFSC CODE: **UTIB0001550**
Bank Name: **AXIS Bank**

OFFLINE MODE:

This Workshop will be organized in offline mode only. All the registered participants will get E-Certificate.

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FIVE DAYS
WORKSHOP
ON
BASICS OF ELECTRONICS & IoT

Date: JULY 07 – 12, 2023

Venue: Basement Computer Lab, LPCPS Campus

PROGRAMME SCHEDULE

Day 1 (Schedule): 07 JULY 2023 (FRIDAY)

TIME	TOPIC	SPEAKER
11:00AM-11:15AM	Inaugural Session	
11:15AM – 12:45AM	Introduction to Electronics and its Components	Mohd Zuhaib Khan
12:45AM -01:00AM	Break	
01:00AM -02:30PM	Physics behind Electronics	Mr. Ravi Tiwari

Day 2 (Schedule): 08 JULY 2023 (SATURDAY)

TIME	TOPIC	SPEAKER
11:00AM – 12:45AM	Study of Digital Electronics and Boolean Algebra	Mohd Zuhaib Khan
12:45AM -01:00AM	Break	
01:00AM -02:30PM	Logic gates and Combinational Circuits	Mr. Ravi Tiwari

Day 3 (Schedule): 10 JULY 2023 (MONDAY)

TIME	TOPIC	SPEAKER
11:00AM – 12:45AM	Introduction to Sensors	Mohd Zuhaib Khan
12:45AM -01:00AM	Break	
01:00AM -02:30PM	Various Sensors used in Electronics	Mr. Ravi Tiwari

Day 4 (Schedule): 11 JULY 2023 (TUESDAY)

TIME	TOPIC	SPEAKER
11:00AM – 12:45AM	Introduction to Microcontrollers and Various Microcontrollers used in Electronics	Mohd Zuhaib Khan
12:45AM -01:00AM	Break	
01:00AM -02:30PM	Interfacing Sensors with Microcontrollers	Mr. Ravi Tiwari

Day 5 (Schedule): 12 JULY 2023 (WEDNESDAY)

TIME	TOPIC	SPEAKER
11:00AM – 12:45AM	Principle of Circuit Design and Various Software used for Circuit Design	Mohd Zuhaib Khan
12:45AM -01:00AM	Break	
01:00AM -02:30PM	Soldering the Circuit on PCB	Mr. Ravi Tiwari
02:30PM -03:00PM	Valedictory Session	