



Tirumala Tirupati Devasthanams

శ్రీ వేంకటేశ్వర కళాశాల

Sri Venkateswara College

(University of Delhi)

NAAC Grade A+

**SRI VENKATESWARA COLLEGE
(UNIVERSITY OF DELHI)**

EVENT REPORT

NAME OF THE EVENT: ARDUINO-FY YOUR WORLD			
DATE	DEPARTMENT	COMMITTEE/SOCIETY	COORDINATORS' NAME
17/04/2023	ELECTRONICS	ELECTRONICS	Dr. Rakhi Narang
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor; online/offline/hybrid
01:00 – 03:00 P.M	ICT Lab, SVC	25 students	Indoor, Offline
FINANCIAL SUPPORT/ASSISTANCE (if any):	IEEE EDS Delhi Chapter		

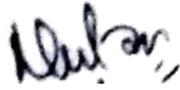
BRIEF INFORMATION ABOUT THE ACTIVITY

TOPIC/SUBJECT OF THE ACTIVITY	ARDUINO-FY YOUR WORLD
OBJECTIVES	The objective of this event was to familiarize the students with Arduino and its different modules. As Arduino is one of the most basic tools for newly emerging fields like IoT and AI-related fields. This event also helped students from non-Technical backgrounds to gain hands-on experience in learning the Arduino code and some of its basic modules.
METHODOLOGY	A basic introduction of Arduino pin diagram and programming was given to all the participants. Then the participants were divided into small groups of two and each group was assigned a particular Arduino module. Each group was headed by a student who specialized in Arduino and its modules.
INVITED SPEAKERS WITH AFFILIATION DETAILS (IF ANY)	The workshop was conducted by Electronics Hons. Students
OUTCOMES	The participants in this event got a holistic view of the Arduino UNO and other microprocessors and microcontroller use. This event had given the students the experience of handling an Arduino and interfacing it with different modules such as an Ultrasonic sensor, Infrared Sensor, Light detecting Sensor, and Bluetooth Sensor. The students also learned to build small projects using Arduino UNO.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1 Notice & Letters	2 Number of Participants & Name of Participants ✓	3 Video clip	4 Photos ✓	5 Feedback Form & analysis
6 News clip with details	7 Sample Copy of the Certificate	8 Posters/ Invites ✓	9 Event report Attested by Event Coordinator & IQAC Coordinator ✓	10 Any other document

IQAC Document No: IQAC/SVC/2022-2023/ELECTR/15	Criterion No: II, III, V
Departmental file no: ELECTRONICS/2022-2023/ELECTRSOC/RN/02	IQAC file No: SVC/2022-23

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Dr Rakhi Narang 	Dr Nutan Joshi 	

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		

SUMMARY

'**ARDUINO-FY YOUR WORLD**' was an experiential learning event, in which the participants learned about Arduino UNO and other microprocessors microcontrollers and their importance in emerging fields like IOT and Artificial Intelligence. In addition to this, participants also experienced the experimental view of Arduino by making small projects using the modules.

In the beginning, the final year of Electronics Hons. Students displayed some of the projects to the participants. The displayed project included basic electronics projects (like Tesla Coil, Wireless Power Transmission.) and one Arduino-based project (Bluetooth Controlled Car).

The group head introduced the module assigned and explained it by means of a presentation. After the introduction of the modules, the group head helped the participants to build a small basic project using that module. After an explanation of the project code, the participants were given the time to compile the code for the project.

List of Projects that were built:

S.No	Name of Module	Name of Project
1	Ultrasonic Sensor	Distance determination of an object.
2	Infrared Sensor	Distance determination of an object.
3	Bluetooth Module	Controlling the four LEDs using the Smartphone.
4	Light Detecting Sensor	Controlling the brightness of LED using LDR.



PERMISSION FOR ORGANIZATION OF EVENTS

NOTE: 1. Please ensure that the completion certificate of the event is physically signed by the Convener of the event, IQAC Coordinator and Principal after the event report is made.
2. Please ensure a pre booking of the venue before getting the permission letter signed.
3. A copy of this duly filled form signed by the TIC/ Convener and Principal shall be submitted to ICT sysadmin@svc.ac.in, Caretaker sandeepthra@svc.ac.in, IQAC Coordinator iqac@svc.ac.in, Dr. Arpita Kaul arpita@svc.ac.in for commerce, NSS, NCC, EOC, Empathise, Placement and Sports events, Dr. Urmi urmi.b@svc.ac.in for humanities events, Dr. P. Jayaraj jayaraj@svc.ac.in for sciences events. (Mails mentioned in SOP) and Dr. Nagendra Kumar Kalaparthy nkalaparthy@svc.ac.in, for IQAC/ NAAC criteria 1-7.

EVENT DETAILS

1. Name of the Department/Society /Association: ELECTRONICS
2. Name of the TIC/Convener (if any): Prof./Dr./Mr./Ms. Nutan Kala Joshi
3. Nature of Event: Seminar/Conference/Symposium/Workshop/FDP/Public or community outreach/ skill enhancement/others. Technical Fest
4. Participants: Student-centric /Faculty/Both
5. Event Type: Offline/Online/Hybrid; Indoor/Outdoor
6. Collaborating Agency /Organization: IEEE EDS Delhi Chapter
7. Proposed Title of the Event: Amplifiers 2023
8. Tentative List of Speakers with affiliations:
9. Date, Time from to : 17th April 2023, 9:00 AM - 05:00 PM
10. Financial Assistance/ Funding received (if any) Yes
11. Proposed Budget (please attach details in a separate enclosure):
Rs. 12000/-
12. Faculty responsible for Geo Tagged Pictures Ms. Hina Yadav
13. Faculty responsible for Event Report Dr. T. Rao, Ms. Hina Yadav, Dr. Rakhi Narang,
Dr. Rahul
14. ICT support required, if any (ICT Lab, Laptop, LCD projector) Dr. Harvi Singh.

Nutan
17/04/23

15. Caretaker support required (tables, chairs, public addressing system, sanitation, manpower assistance) Yes

16. Room requirement (Seminar/ any other) ... Room No. 57*, Audi lobby.

Alston
11/4/23
Name & Signature of TIC/Convenor

Hyndor
11/4/23

e. Suresh Reddy
Signature of Principal

Date:

Date: 11/4/23

* The classes scheduled in room no. 57 can be engaged during 8:45 am to 12:45 pm in room no. 257 and subsequently in room no. 159. (from 1 pm to 5 pm)

Permitted
Classes



DEPARTMENT OF ELECTRONICS
SRI VENKATESWARA COLLEGE



AMPLIFIER'23

PRESENTS



ARDUINO-FY YOUR WORLD

LEARN IOT WITH ARDUINO

SPONSERED BY: IEEE EDS DELHI CHAPTER



17 APRIL '23



ICT LAB



01:00 PM- 02:50 PM



Scan QR to register



PRINCIPAL

Prof. C. SHEELA REDDY

CONVENER

Dr. HARI SINGH

TEACHER-IN-CHARGE

Dr. NUTAN KALA JOSHI

TEACHER COORDINATOR

Dr. RAKHI NARANG

STUDENT
ORGANISING
TEAM

AMARDEEP

SATVIK

(8699409121)

KANISHAK

NIKITA

DOYEL

SRIJAN







Name	Roll no.	Course	Signature
1 Utkarsh Singh	1622022	B.Sc (H) Electronic.	<u>U.T.S</u>
2 Nishtha Varun	1022128	B.com (Hons)	<u>Nishtha</u>
3 Avnish Kerketta	1022096	B.Com (Hons)	<u>Avnish</u>
4 Aayushi Botra	1022104	B.com (Hons)	<u>Aayushi</u>
5 Mayank Khandelwal	1022109	B.com (Hons)	<u>Mayank</u>
6 KUNJHUN	1220016	B.Sc (H) Biochemistry	<u>Kunjhu</u>
7 Shwangi	1022090	B.com (Hons)	<u>Shwangi</u>
8 Mukti	1022162	B.com (Hons)	<u>Mukti</u>
9 Kitesh	1021016	B.Com (H) - II	<u>Kitesh</u>
10 Dany	1721135	B.Sc Maths (H) - II	<u>Dany</u>
11 Ankit	1721141	B.Sc Maths (H) - II	<u>Ankit</u>
12 Srijan Bhargava	1622026	B.Sc. (H) Electronics	<u>Srijan</u>
13 Madhulika Chatterboty	1622052	B.S.C (Hons) Electronics	<u>Madhulika</u>
14 Deyi Dasgupta	1622015	B.Sc (H) Electronics	<u>Deyi</u>
15 Rohit Kumar	1621034	"	<u>Rohit</u>
16 Sunny	1621043	"	<u>Sunny</u>
17 Parashant	1621053	"	<u>Parashant</u>
18 Komal	1621056	"	<u>Komal</u>
19 Shabbir	1620019	" - II	<u>Shabbir</u>
20 Amardeep	1620040	"	<u>Amardeep</u>



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CERTIFICATE

This is to certify that the **ARDUINO-FY YOUR WORLD-Learn IOT with Arduino** was successfully conducted on **17th April 2023** from **01:00 PM to 03:00 PM** by the **Department of Electronic Science** in the **Offline** mode and its event report has been submitted to IQAC for records.

Rajesh
Event In-Charge

[Signature]
IQAC Coordinator
Coordinator, IQAC
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan, New Delhi-110021

C. Shiva Reddy
Principal
PRINCIPAL
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan, New Delhi-110021