

हंसराज महाविद्यालय

दिल्ली विश्वविद्यालय

महात्मा हंसराज मार्ग,

मलकागंज, दिल्ली - 110007

दूरभाष : 011-27667458, 27667747

ई-मेल : principal_hrc@yahoo.com

वेबसाइट : www.hansrajcollege.ac.in



HANS RAJ COLLEGE

UNIVERSITY OF DELHI

Mahatma Hansraj Marg

Malkaganj, Delhi – 110007

Tel.: 011-27667458, 27667747

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Website: www.hansrajcollege.ac.in

NAAC ACCREDITED 'A+' GRADE COLLEGE

(2024-2025)

Event Name:- Workshop on “Arduino for Beginners”

Organized By:- Institution's Innovation Council (IIC) , Hansraj College, University of Delhi

In association with the Department of Physics & Electronics and Ordinateur (The Computer Science Society)

Date:- 04/10/2024

Duration:- 05 Hours

Convener:- Dr. Ambika

Coordinator(s):- Dr. Yogesh Kumar

Number of student Participants:- 48

Number of Faculty Participants:- 02

Number of External Participants (If Any):- None

Expenditure Amount (If Any):- Rs. 5000

Mode of Session Delivery (Online/Offline/Hybrid):- Offline

Objective of Program:- The primary objective of the workshop was to provide beginners with hands-on experience in Arduino, a popular open-source electronics platform.

Benefit in Terms of Learning /Skill/Knowledge Obtained:- Participants were engaged in hands-on sessions, allowing them to work directly with Arduino boards, components, and circuits. The practical approach helped reinforce theoretical concepts and encouraged experimentation.

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Institution's Innovation Council (IIC)
HANSRAJ COLLEGE, University of Delhi
In association with
Department of Physics & Electronics
&
Ordinateur (The computer science society)

is organizing
One Day Workshop
Arduino for Beginners

On
4th October 2024,
1:00 P.M. Onwards
CS LAB 1 & 2

Registration Fees:
Rs. 100 only

Resource Person:- Dr. Nishant Shankhwar
Mr. Suyash Kumar

Maurya Vivek Dinesh
Student Coordinator
8830966925

Dr. Yogesh Kumar
Faculty Coordinator
IIC-HRC, DU

Dr. Pratibha Tiwari
Innovation Coordinator
IIC-HRC, DU

Dr. Ambika
Convener
IIC-HRC, DU

Prof. (Dr.) Rama
Principal
HRC, DU

Scan Me To Register



Report:-

A one-day workshop titled "Arduino for Beginners" was organized on October 4, 2024 by Hansraj College's Institution's Innovation Council (IIC) in collaboration with the Department of Physics & Electronics and the Computer Science Society. The event aimed to introduce students to the fundamentals of Arduino programming and electronics. It took place at CS Lab 1 & 2 of Hansraj College from 1:00 PM onwards.

Resource Persons The workshop featured a diverse panel of experts and faculty members, including:

1. **Dr. Nishant Shankhwar, Department of Physics and Electronics, Hansraj College**
2. **Mr. Suyash Kumar, Department of Computer Science, Hansraj College**

The primary objective of the workshop was to provide beginners with hands-on experience in Arduino, a popular open-source electronics platform. The sessions were designed to:

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- Introduce the basics of Arduino hardware and software.
- Guide participants through simple projects involving sensors and actuators.
- Foster innovation and creativity among students by encouraging them to explore various applications of Arduino in real-world scenarios.

Workshop Highlights

Interactive Learning: Participants were engaged in hands-on sessions, allowing them to work directly with Arduino boards, components, and circuits. The practical approach helped reinforce theoretical concepts and encouraged experimentation.

Expert Guidance: The resource persons provided personalized guidance throughout the workshop, ensuring that students at all levels of expertise could follow along and complete the projects.

Collaborative Environment: The workshop fostered a collaborative environment where students could discuss ideas and troubleshoot issues with peers and experts.

Outcome

The workshop was well-received by the participants, many of whom expressed enthusiasm for continuing their learning journey with Arduino. By the end of the session, students had successfully created basic Arduino projects, which sparked their interest in further exploring embedded systems and electronics.

Conclusion

The Arduino for Beginners workshop provided a solid foundation for students interested in electronics and embedded systems. The hands-on experience, combined with expert guidance, made it a valuable learning opportunity. The workshop demonstrated the institution's commitment to fostering innovation and practical learning, in line with the goals of the Institution's Innovation Council (IIC) of Hansraj College.

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 GPS Map Camera

Delhi, Delhi, India

M6H5+MGV, Hans Raj College Marg, Hansraj College, Delhi, 110007, India

Lat 28.679002°

Long 77.208943°

04/10/24 01:25 PM GMT +05:30



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New Delhi, Delhi, India

1, Hansraj College, New Delhi, Delhi, 110007, India

Lat 28.678921°

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GPS Map Camera

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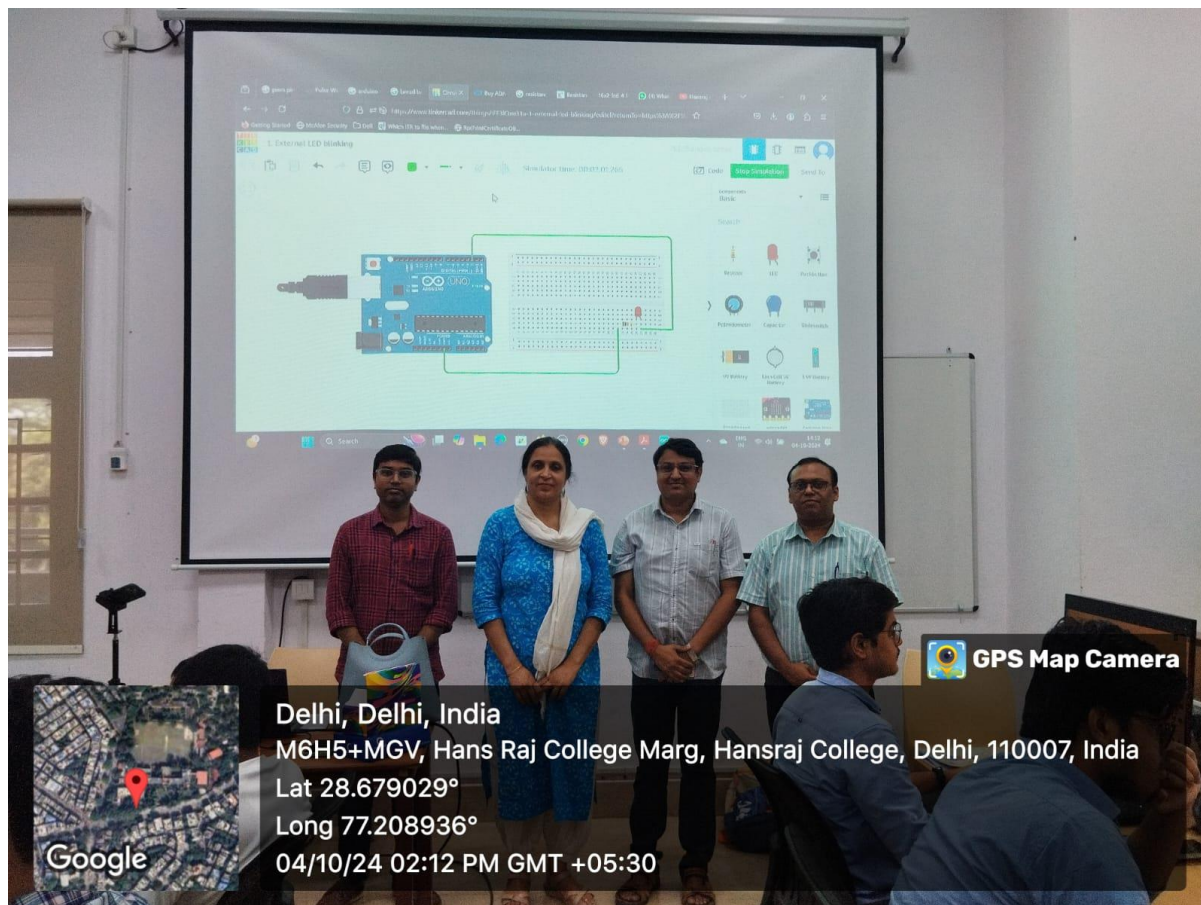
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Attendance Sheet

| S.No. | Name of the Candidate | Name of the Course | Name of the College | Year | Signature |
|-------|-----------------------|-----------------------------|---|--------|-------------------|
| 1 | Muskan | B.sc(hons.) electronics | Hansraj College | First | Muskan |
| 2 | Mahesh Singh | B.Sc Electronics | Hansraj College | First | Mahesh Singh |
| 3 | abhiraj gupta | bsc electronics | hansraj college | First | abhiraj gupta |
| 4 | Swayam jain | Bsc h electronics | Hansraj College | First | Swayam jain |
| 5 | Deepak kumar verma | Bsc(Hons) Electronics | HANSRAJ COLLEGE | First | |
| 6 | Raj Chaurasiya | Bsc Hons Electronics | Hansraj College | First | Raj Chaurasiya |
| 7 | Aditya raj | Bsc hons electronic | Hrc | First | Aditya raj |
| 8 | Raksha | Bsc. Hons. Electronics | Shaheed rajguru college of applied sciences | Second | Raksha |
| 9 | Himanshu verma | Bsc (hons) Electronics | Acharya narendra dev , Delhi university | Second | Himanshu verma |
| 10 | Swati | Bsc hons electronics | Shaheed rajguru college of applied sciences | Second | Swati |
| 11 | Tisha | Bsc Electronics | Shaheed rajguru college of applied science | Second | Tisha |
| 12 | Tarun sahu | Bsc(hons) electronics | Bhaskaracharya college of applied sciences | Second | Tarun sahu |
| 13 | SHUBHAM VERMA | Bsc(H). Electronics | Bhaskaracharya college of applied science | Second | SHUBHAM VERMA |
| 14 | Neha Gautam | Bsc hons electronics | Hansraj College | First | Neha Gautam |
| 15 | Kartik Maheshwari | BSc (Hons) Electronics | Acharya Narendra Dev College | Second | Kartik Maheshwari |
| 16 | Shashwat Shukla | B.Sc(Hons.) Electronics | Acharya narendra dev college | Second | Shashwat Shukla |
| 17 | Ayush Soni | B.Sc(H) Electronics | Hans Raj College | Second | Ayush Soni |
| 18 | Japanprit Singh | Electronics | Sri guru tegh bahadur college | Second | Japanprit Singh |
| 19 | Yashasvi Kaushik | B.Sc(H) Electronic Science | Sri Guru Tegh Bahadur Khalsa College | Second | Yashasvi Kaushik |
| 20 | Utkarsh Singh | BSc Hons Electronic | Hansraj College | First | Utkarsh Singh |
| 21 | Karan saxena | B.A (programme) | Shaheed rajguru college | Second | Karan saxena |
| 22 | SUJAY KUMAR | B.A Program with Computer A | School of open learning Delhi University | Second | SUJAY KUMAR |
| 23 | Rohit Kumar Dubey | BA Program With Computer A | School Of Open Learning | Second | Rohit Kumar Dubey |

| S.No. | Name of the Candidate | Name of the Course | Name of the College | Year | Signature |
|-------|------------------------|--------------------------------|--|--------|------------------------|
| 24 | KUNAL | B.A Programme with Computer | School of open learning (SOL) University | Second | KUNAL |
| 25 | Mnganki Tyagi | B.Sc.(H) Physics | Shaheed Rajguru College of Applied Sciences | Second | Mnganki Tyagi |
| 26 | Sumeet Dutta | B.A. Programme with Computer | School of open learning, University of Delhi | Second | Sumeet Dutta |
| 27 | Tanu Choudhary | Ba Program With Computer A | School Of Open Learning Delhi University | Second | Tanu Choudhary |
| 28 | Ujjwal | Physics hons | Sri Venkateswara college | First | Ujjwal |
| 29 | Sumit Kumar | Bsc Physical science with Com | Hansraj college | First | Sumit Kumar |
| 30 | Archita Singarika Sarm | Bsc. Physical science with che | Hansraj College | First | Archita Singarika Sarm |
| 31 | Nikhil Prakash | Bsc (H) Electronics | Zakir Hussain Delhi College | Second | Nikhil Prakash |
| 32 | Soumya | Bsc hns electronics | Zakir husain Delhi college | Second | Soumya |
| 33 | Karan Das | B. Sc. (Hons) Electronics | Zakir Hussain Delhi college | Second | Karan Das |
| 34 | Harsh Singh | Bsc(hons) Electronics Science | Zakir Hussain Delhi College | Second | Harsh Singh |
| 35 | Ainesh Rana | Bsc(Hons) Electronics | Zakir Hussain Delhi campus | Second | Ainesh Rana |
| 36 | Himanshu Bachchis | B.Sc Electronics Honours | SGTB Khalsa College, DU | Second | Himanshu Bachchis |
| 37 | PARAS | Ba program with computer ap | School of open learning Delhi University | Second | PARAS |
| 38 | ANUSHKA SHAKYA | B.Sc Physical Science | Hansraj college | First | ANUSHKA SHAKYA |
| 39 | Sneha Bhatt | B.Sc.(H) Computer Science | Kalindi College | Third | Sneha Bhatt |
| 40 | Vansh Sharma | B.Tech(CSE) Data Science | Amity University Noida | Third | Vansh Sharma |
| 41 | Sahil Sumrani | Ba programme with computer | School of open learning | Second | Sahil Sumrani |
| 42 | Sachin kumar lal dev | Ba(pro) with Computer Applica | Saheed Rajguru College (SOL) | Second | Sachin kumar lal dev |
| 43 | Syed Haseeb Rizvi | B. Sc. (Hons.) Electronic Scie | Zakir Husain Delhi College - University Of D | Second | Syed Haseeb Rizvi |
| 44 | Rajeev aswal | Bsc (H) electronics | Sri Guru tegh bahadur Khalsa college | Second | Rajeev aswal |
| 45 | Uday Nailwal | Bsc (H) Electronics | SGTB Khalsa | Second | Uday Nailwal |
| 46 | Ravishankar Prasad | B.sc Physical Science | Sri Aurobindo College Delhi University | Second | Ravishankar Prasad |
| 47 | Priyanshu kumar ghost | B.Sc Physical Science with co | Acharya Narendra Dev college | Second | Priyanshu kumar ghost |
| 48 | Ritika | B.A program with computer ap | Open learning school | First | Ritika |
| 49 | Dr. Shivani Chaudhary | Faculty Physics Department | Hansraj College | First | Dr. Shivani Chaudhary |
| 50 | Yash Meena | BSc.(hons)computer sci. | Hansraj College | First | Yash Meena |

