



Dr. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR
Department of Electronics

Name of the Programme : **“One Day Workshop on Arduino and its Applications”**

Date of the Programme : 25/03/2025


Time : 11.00 a.m to 2.00 p.m

Number of Participants : 12

Hosted by : Dept. of Electronics

Resource Person : Dr. Rajesh K. Parate [Asstt. Professor & Head, Deptt. Of Electronics, S.K.Porwal College, Kamptee]

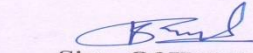
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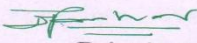
 Parampoojya Dr. Babasaheb Ambedkar Smarak Samiti, Deekshabhoomi, Nagpur-10
DR. AMBEDKAR COLLEGE
NAAC Re-Accredited with A+ GRADE (CGPA-3.35), College with Potential for Excellence
Deekshabhoomi, Nagpur: Web: www.dacn.in Mail: principal.dacn.edu@gmail.com

Date: 22/03/2025

NOTICE

All the students are hereby notified that, the Department of Electronics is organizing a One day Workshop on “Arduino and its Applications” for B.Sc Sem-II [NEP] major Electronics students on 25/03/2025 [Tuesday] from 11.00 a.m to 2.00 p.m at Electronics Laboratory [Room No. 209] . It is compulsory for all the B.Sc Sem-II major Electronics students to attend the workshop.


Sign. Of H.O.D
(Dr. K. T. Rokde)
Deptt. of Electronics


Principal
Officiating Principal
Dr. Ambedkar College,
Deekshabhoomi,
Nagpur.



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Invitation Letter

To,

Dr. Rajesh Parate

Assistant Professor & Head,

Deptt. Of Electronics,

S.K.Porwal College,

Kamptee.

Subject: Invitation to Conduct a One-Day Workshop on “Arduino and its Applications” in Electronics Department

R/S Sir,

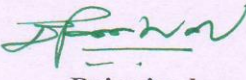
We are pleased to invite you as a distinguished speaker to conduct a one-day workshop on “Arduino and its applications” for the B.Sc Sem-II [NEP] Electronics students and faculty of the Electronics department on date **25/03/2025 [Tuesday]** from 11.00 a.m to 2.00 p.m at Electronics laboratory [Room No. 209]. Your expertise in Arduino applications and your invaluable experience would provide great insights and practical knowledge to our students. The objective of this workshop is to enhance the technical understanding of students and equip them with hands-on skills in Arduino kits study, interfacing of computer with arduino board etc. Your guidance and interactive session would be instrumental in bridging the gap between academic learning and industry applications.

We would be honoured by your presence and look forward to your confirmation at your earliest convenience. Kindly let us know if any specific requirements are needed for the workshop.

Looking forward to your positive response.

Date:- 22/03/2025

Place: - Nagpur


Principal

Officiating Principal
Dr. Ambedkar College,
Deekshabhoomi,
Nagpur.



Dr. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR

Department of Electronics

The Department of Electronics at Dr. Ambedkar College, Deekshabhoomi, Nagpur, successfully conducted a one-day workshop on “**Arduino and its applications**” for the B.Sc Sem-II [NEP] major Electronics students on date **March 25, 2025**. The program began at 11.00 a.m sharp. The session aimed to provide students with a fundamental understanding of Arduino technology and its practical applications in electronics and automation.

The workshop commenced with a formal inauguration. A warm welcome was extended to the guests by Dr. K.Y.Rokde [Assistant Professor & Head] from the Department of Electronics with other teaching and Non-teaching staff. The focal point of the workshop was a comprehensive lecture delivered by guest speaker of the workshop **Dr. Rajesh K. Parate** [Assistant Professor & Head, Deptt. Of Electronics, S.K.Porwal College, Kamptee], an expert in the field of Arduino and Embedded systems.

In the first session **Dr. Rajesh K. Parate sir** started with a brief overview of microcontrollers and their importance in modern electronics. He introduced the basic structure of the Arduino board, its architecture, and various components. The session covered Arduino IDE installation, basic programming concepts, and writing the first Arduino code (Blink LED program).

In the Second Session Hands on practical applications was conducted by **Dr. Rajesh Parate sir**. Participants learned to interface basic components such as LEDs, push buttons, SSD, LCD, Arduino UNO board and buzzers etc. Demonstration of sensor interfacing to the arduino kit, including temperature sensor [LM 35], Humidity sensor [DHT11] , motion sensors and rain drop sensors etc.. Real-time projects like controlling a servo motor and implementing a simple home automation system was discuss and demonstrated.

Along with faculty member teaching faculty and non-teaching staff from the Department of Electronics, actively participated and contributed to the event. Their expertise and support were invaluable in enriching the workshop experience. **Dr. K.Y.Rokde**, Head of the Department, also played a pivotal role through her unwavering support and encouragement. The program anchored by **Ku. Himanshi Shende** [B.Sc Sem-II] students and guest speaker introduction conducted by Dr. K.Y. Rokde sir while **Mr. Pranay Bansod** delivered a heartfelt vote of thanks. The workshop garnered around enthusiastic participation from around 12 students.



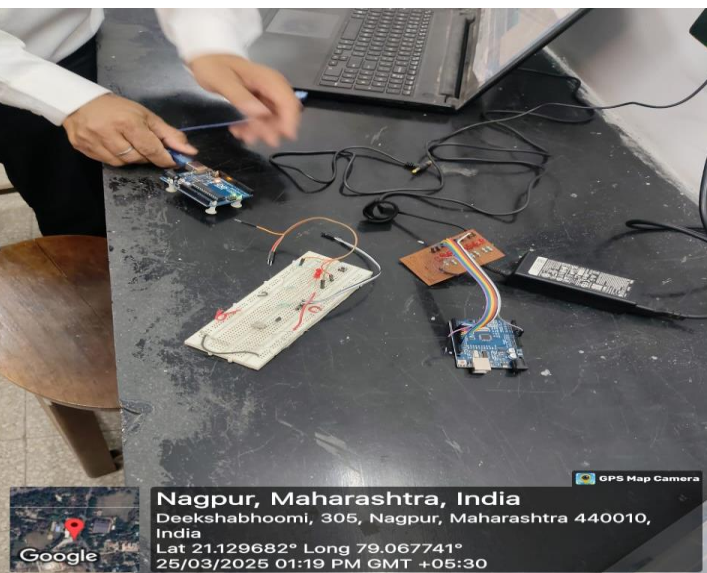
Ku. Himanshi Shende anchoring the event



Dr. K.Y.Rokde Introducing the Guest speaker



Dr. Rajesh k. Parate explaining the basic idea of the Arduino



Practical Demostration of the Arduino UNO board with sensor application



Mr. Pranay Bansod presenting vote of thanks



Group photo of the Program

Students Signature Attendance

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ASSISTANT PROFESSOR
DEPARTMENT OF ELECTRONICS
DR. AMBEDKAR COLLEGE
NAGPUR



Dr. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR
Department of Physics

Feedback: <https://forms.gle/XjURz7aCEzFNafKE9>

	A	B	C	D	E	F	G
1	Timestamp	Name of Student	Class	Semester	Q.1 How would you rate the quality of keynote speakers and	Q.2 Were the activities/Workshop engaging and helpful?	Q.3 How would you rate the material provided?
2	3/25/2025 18:43:48	Pranay Ishwar Bansod	B.SC 1st year	Sem-2	Excellent	Yes	Good
3	3/25/2025 19:34:50	Tarvi Yogesh Guhe	Bsc sem 2 (Elect	Sem 2	Good	Yes	Good
4	3/25/2025 19:35:06	Abhishek Gupta	Electronic	Sem 2	Good	Yes	Good
5	3/25/2025 20:07:38	Pallavi anil dongre	Bsc 1st year	Sem 2	Excellent	Yes	Excellent
6	3/25/2025 20:12:33	Prathmesh Choudhari	1st year bsc	2 sem	Good	Yes	Good
7	3/25/2025 20:12:57	Himanshi Chandrashekar	BSc Electronics	2nd sem	Excellent	Yes	Satisfactory
8	3/25/2025 20:18:31	Priyadarshini jagdish s	Bsc	2nd sem	Good	Yes	Good
9	3/26/2025 15:36:53	Dipika Prakash Ukey	BSC Electronics	2nd	Satisfactory	Yes	Satisfactory
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