



**YOUTH EDUCATION AND WELFARE SOCIETY'S
NATIONAL SENIOR COLLEGE, NASHIK**
National Campus, Maulana Azad Road Sardar Circle, Nashik 422001
Affiliated to SPPU, Pune



Date: 06th April 2023

Report on "Raspberry Pi workshop"

The Department of computer science organized a One -Day Workshop on "Raspberry Pi". The workshop was conducted by TECH2Secure Technologies Pvt Ltd, Nasik on 5th April 2023. All the students of B.Sc(CS) participated in the workshop and enhanced their awareness.

The Program begun at 9.30 am with a welcome note by Nazmin Khan who welcomed the resource person, Mr. Aman Singh. Dr. Suresh nahire sir, Principal, Department HOD, Staff and students participated in the Workshop.

The main objective of this workshop is to demonstrate the hardware and software portion of Raspberry Pi, which is a powerful little beast and a great platform for building low-cost, but highly capable, embedded systems. The interfaces built into its GPIO connector make it easy to bolt on modules using simple low-cost electronics and a bit of configuration to create very functional and flexible systems. This workshop provides details about what exactly Raspberry Pi is, what hardware and software are included, how to write the first program for it and how to get it to interact with a web service on the Internet, Apart from gaining practical skills on the Embedded System Design and Internet of Things.

This workshop intended to familiarize the students with the Raspberry Pi and Arduino as processors and their applications. Students were given an insight into Introduction to Embedded C and Open Source platform system tools, Interfacing of I/O devices, LEDs, Switch, Buzzer. During this session, the students were given an insight into Introduction to R-Pi, Python basics, Software installation, Introduction to IoT, Interfacing of I/O devices, LEDs, Switch, Buzzer and camera interfacing.

Program ended with a closing note to students with a brief note on Embedded System Design using Raspberry PI and its activities in the skilling and up skilling of professionals. During the valedictory function, students expressed their views and gave feedback about the workshop. Miss Tasnim student of TYBSc.(CS) proposed the vote of thanks.


Asst. Prof. Khan Nazmin
HOD. B.Sc.(CS) Faculty
National Senior College
Nashik-01


Dr.S.B.Nahire
PRINCIPAL
National Senior College,
Nashik

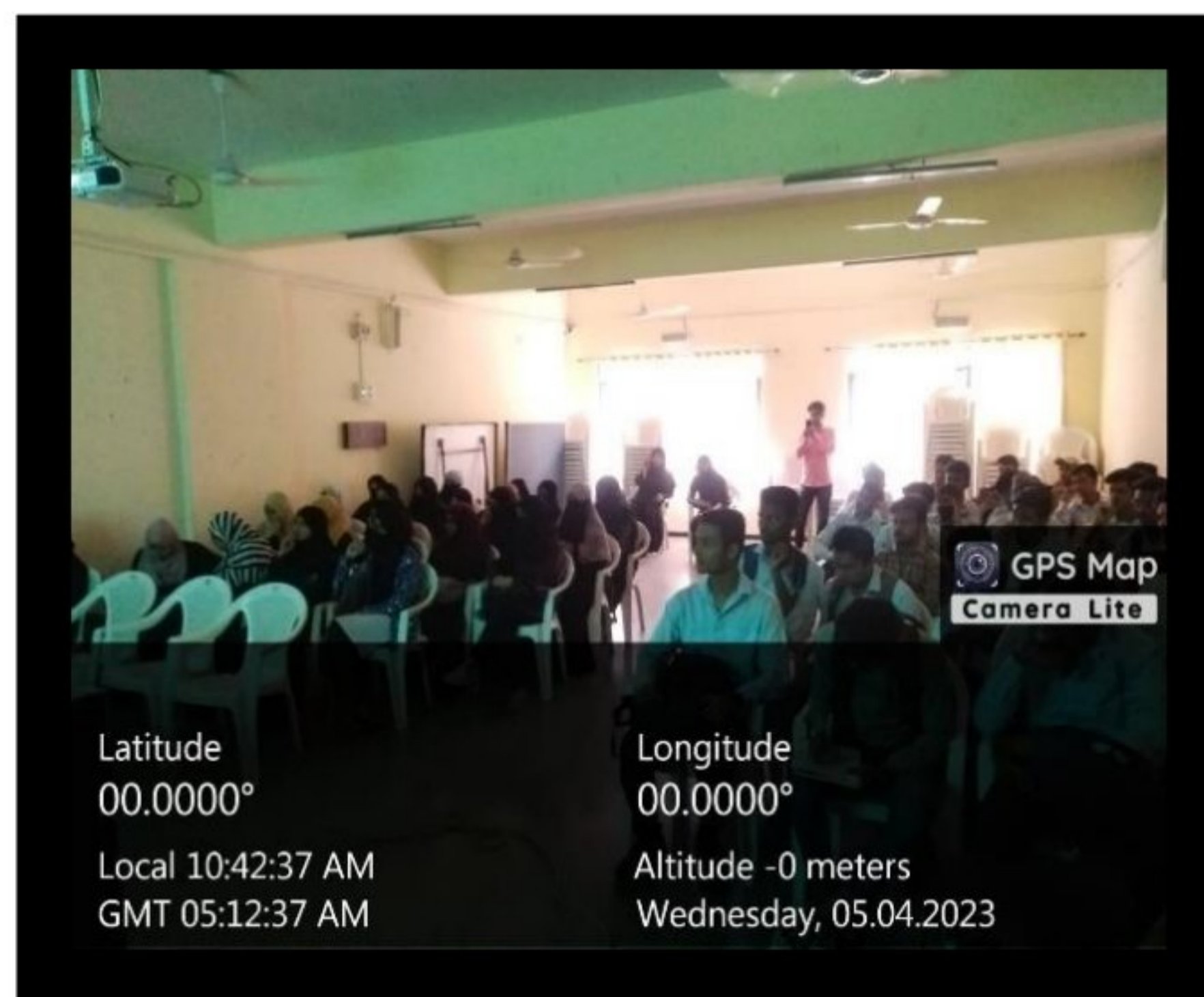


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Glimpse of Raspberry pi Workshop
Year 2022-23




Asst. Prof. Khan Nazmin
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SPPU, NATIONAL SENIOR COLLEGE, S.D.O.

Academic Year 2022 - 2023

Student's Undertaking / Event Entry Form



Name of the Event	Venue of Event	Date of Event
Raspberry Pi workshop	Seminar hall (SU)	05/09/2023

COLLEGE: Youth Education & Welfare Society's National Senior College, Nashik- 422001

Sr. No.	Name of the Student	Class	Mobile Number	Signature
1.	Sahil Gafar Shaikh	FY BCS	8767115263	Sahil
2.	Abdullah Shaikh	F.Y.BCS	7666016522	Abdullah
3.	Khan Shadab	Fy BCS	7972943761	Shadab
4.	Siddiqui Mahruf	FY BCS	9373517902	Mahruf
5.	Qureshi Shoeb Ali	Ty BSC	7083005020	Shoeb
6.	Aftab Siddiqui	FY BSC	8830991643	Aftab
7.	Shaikh Smaad	F.Y.BSC	9921333129	Smaad
8.	Pathan Kamil	F.Y.BCS	7219253754	Kamil
9.	Karim Ansari	T.Y.BSC	8766484445	Karim
10.	Rhizer Shaikh	T.Y.BSC	8080421907	Rhizer
11.	Shaikh Raza	T.Y.BCS	7499293465	Raiz
12.	Shaikh Owesh	F.Y.BCS	7058924189	Owesh
13.	Shaikh Asman	FY BCS	7881681388	Asman
14.	Beig Ramiq	FY BCS	9637861141	Beig
15.	Bagwan Abu-Talha	F.Y.BCS	9168684945	Abu
16.	Sayyed Mustakim Nizam	FY BCS	8010308898	Mustakim
17.	Pathan Rehman Khan	F.Y.BCS	7798518457	Rehman
18.	Sakib Hassan Shaikh	Fy.BCS	8767799316	Sakib
19.	Athar Azhar	Fy.BCS	7028790253	Azhar
20.	Tohid Shaikh	Fy.BCS	7558580960	Tohid
21.	Jodeer. A. Bagwan	F.Y.BCS	9890485226	Jodeer
22.	Shaikh Wajid	F.Y.BCS	7972603473	Wajid
23.	Khan Mustafiz Raja	R.Y.BSC	9545637957	Mustafiz



Academic Year 2022 - 2023
Student's Undertaking / Event Entry Form



Name of the Event	Venue of Event	Date of Event
Raspberry Pi workshop	Seminar hall (54)	..05/04/2023

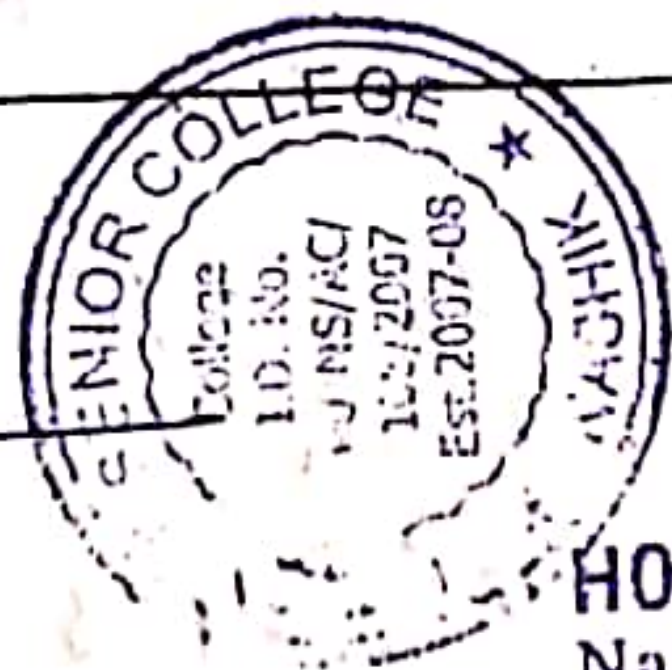
COLLEGE: Youth Education & Welfare Society's National Senior College.
Nashik- 422001

Sr. No.	Name of the Student	Class	Mobile Number	Signature
1.	Khan Alfiya javid	S.Y. BCS	7522963096	
2.	Sayyed Aliza Jafan	S.Y. BCS	8856978616	
3.	Khan Tarannum	F.Y. BCS	7796237667	
4.	Saniya Khan	F.Y. BCS	88605357312	
5.	Fauziya Maniyar	F.Y. BCS	8208130767	
6.	Mansoor Mubashara	F.Y. BCS	9881849557	
7.	Shaikh Fiza Ashraf	F.Y. BCS	7558412835	
8.	Shaikh Muskan A.	F.Y. BCS	9356761527	
9.	Kazi Trisha Ashraf	F.Y. BCS	9970499334	
10.	Shaikh Tasnim.	F.Y. BCS	9175602804	
11.	Pathan Alfiya Aziz	S.Y. BCS	8411961022	
12.	Shaikh Uzma Riyaz Ahmed	F.Y. BCS	9421200390	
13.	Qureshi Ayesha Qamruddin	F.Y. BCS	8380985046	
14.	Pinjari Saima Shakil	F.Y. BCS	8291857275	
15.	Pinjari Zaveriya Shakil	F.Y. BCS	9850582880	
16.	Khan Sabiya Khalil.	F.Y. BCS	8626068736	
17.	Ansaari Tanzila Ashfaq	F.Y. BCS	8288808602	
18.	Shaikh Madha Sajid	F.Y. BCS	8010507422	
19.	Shaikh Sadia Sajid A	F.Y. BCS	8408906462	
20.	Sayyed Arina Akbar	F.Y. BCS	9860582775	
21.	Shaikh Alfiya Mohsin	F.Y. BCS	9370652185	
22.	Pathan Bushra Shatai	F.Y. BCS	8698005917	
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24.	Shaikh Kaif Zakir	SY BSc (CS)	8087869229	Shaikh Kaif
25.	Shaikh Anjum Salim	SY BSc (CS)	9911687133	Shaikh Anjum
26.	Shaikh Noman Abolique	SY BSc (CS)	8080912297	Shaikh Noman
27.	Patel Sadique Iqbal	SY BSc (CS)	9637428396	Patel Sadique
28.	Shaikh Ashraf Hanif	T.Y. BSc	9325546641	Ashraf Hanif
29.	Shaikh Ali Abdul	T.Y. BSc	8390130066	Shaikh Ali
30.	Shaikh Mohammad Danish	S.Y. BSc	9922135192	Shaikh Mohammad
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Signature & Seal,
IQAC



Co-ordinator
HOD. B.Sc. (CS) Faculty
National Senior College
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Signature & Seal,
Principal
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