

Seminar on
“Embedded System & Internet of Things
(IoT)”

Data: 21/02/2024





“Education for Knowledge, Science and Culture”
-Shikshanmaharshi Dr. Bapuji Salunkhe

Vivekanand College, Kolhapur
(Empowered Autonomous)
Internal Quality Assurance Cell

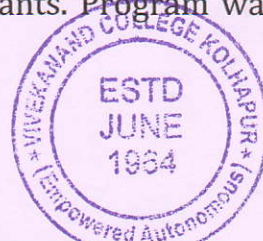
2023-24

Quality Initiatives/ Activities Report



1. **Name of Department:** Electronics
2. **Name of Organized Activity:** Seminar on “Embedded System & Internet of Things (IoT)”
3. **Date/ Duration:** Wednesday, 21/02/2024 at 11:30am
4. **Aims and Objectives:**
 1. *To highlight the latest advancements and trends in embedded systems and IoT to the students.*
 2. *To expose students to the integrated use of embedded systems and Internet of Things (IoT) for innovative solutions in industrial, modern agriculture, modern cities and everyday life.*
 3. *Recognize to inform students about future career opportunities in the field of embedded systems and IoT research.*
5. **No. of beneficiaries:** Total 113 participants have been participated for this program, which includes students and Teachers of Electronics Department.
6. **Expenditure & funding agency:/collaborators:** Funding Amount is 1000/- (One Thousand Rupees) provided by the Vivekanand College, Kolhapur.
7. **Brief description:** Department of Electronics has organized a seminar on “Embedded System & Internet of Things (IoT)” on Wednesday, 21/02/2024 at 11:30am. The resource person was Dr. S. A. Shinde, Associate Professor, Department of Electronics, Shivaji University, Kolhapur. At the outset, Dr. Shinde spoke about the various embedded electronics devices used in daily life such as smart homes, industrial automation, healthcare monitoring and transportation systems. He highlighted the latest advancements and trends in embedded systems and IoT and guided about integrated use of embedded systems and Internet of Things (IoT) for innovative solutions in industrial, modern agriculture, modern cities and everyday life. He explored the architecture of an IoT system with various communication protocols used in IoT. Finally he informed the students about future career opportunities in the field of embedded systems and IoT research

The President of program was Dr. R. R. Kumbhar, Honorable Principal of this College. Dr. C. B. Patil, Head of Electronics Department gave a brief introduction about this Programme. Mr. N. P. Mote introduced the guest. Mr. Bagade proposed vote of thanks to all participants. Program was anchored by Dr. Poonam Patil.



8. Outcomes:

1. Students learned the basic concepts and components involved in creating Embedded Systems and IoT devices.
2. Participants gained a better understanding of how embedded systems and IoT work together and their practical applications.
3. The participants were able to gain an in-depth understanding of new knowledge, skills and career opportunities in embedded systems and IoT technologies.

9. Photos:



Welcome of Resource person Dr. S. A. Shinde, Associate Professor by Dr. C. B. Patil (HoD)



Speech by Resource person Dr. S. A. Shinde, Associate Professor, Department of Electronics, Shivaji University, Kolhapur.

10. Signatures of coordinator/ organizer:




HEAD
DEPARTMENT OF ELECTRONICS
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

Department of Electronics
Vivekanand College,
Kolhapur
(Empowered Autonomous)
Date: 17/02/2024

To,
The Principal,
Vivekanand College, Kolhapur
(Empowered Autonomous)

Sub: Permission to organize a **Seminar** on "Embedded System and Internet of Things (IoT)"

Respected Sir,


Department of Electronics and Computer Science Entire Electronics are going to organize a **Seminar** on "Embedded System and Internet of Things (IoT)" on Wednesday, 21st Feb 2024 at 11:30 am. at Room No. 11 of Vivekanand College, Kolhapur (Empowered Autonomous). The resource person is Dr. S. A. Shinde, Associate Professor, Department of Electronics, Shivaji University, Kolhapur. So please give the permission for the same. Also allow to pay a remuneration of Rs1000/- (One Thousand) to the Resource person.

Thanking You,

मंजूरिसाठी सादर
17/02/24

Allowed
17/02/24

Yours Faithfully


(Dr. C. B. Patil)

HEAD
DEPARTMENT OF ELECTRONICS
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)





Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

2130, 'E' Tarabai Park, Kolhapur, Tal. Karveer, Dist. Kolhapur -416003

Affiliated to Shivaji University, Kolhapur (M.S.)

NAAC Reaccredited : "A" (CGPA3.24)

College with Potential for Excellence by U.G.C., New Delhi

"Star College" by D.B.T Govt. of India

ISO 9001 : 2015



(अधिकारप्रदत्त स्वायत्त)
कोल्हापूर

Ph. : 0231-2658612 | Fax : 0231-2658840 | Resi.: 0231-2653962 | Website : www.vivekanandcollege.ac.in | E-mail : info@vivekanandcollege.org

Founder
Dr. Bapuji Salunkhe
D.Lit.

President
Hon. Chandrakant Dada Patil
MLA

Chairman
Prin. Abhaykumar Salunkhe
M.A.

Secretary
Prin.Mrs. Shubhangi Gawade
M.Sc.,B.Ed.

Principal
Dr. R. R. Kumbhar
M.Sc.,M.Phil.,Ph.D.

Ref. No. VCK/ 2673/2023-24

Date : 20/02/2024

To,
Dr. S. A. Shinde
Associate Professor,
Department of Electronics,
Shivaji University, Kolhapur.

Subject: Invitation as a Resource person for Seminar on “Embedded System and Internet of Things (IoT)”

Respected Sir,

It gives us an immense pleasure to invite you as Resource Person for Seminar on “Embedded System and Internet of Things (IoT) on Wednesday, 21st Feb 2024 at 11:30 am organized by Department of Electronics and B.Sc. Computer Science Entire Electronics Vivekanand College, Kolhapur (Empowered Autonomous).

We will be highly obliged if you accept our invitation and add grace to the program.

Thank you.

Yours Faithfully

(Dr. C. B. Patil)

HEAD
DEPARTMENT OF ELECTRONICS
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

(Dr. R. R. Kumbhar)

PRINCIPAL
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)



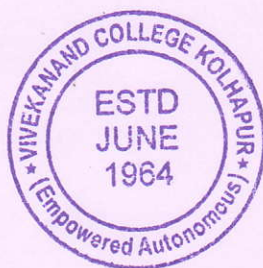
Vivekanand College, Kolhapur (Empowered Autonomous)


Department of Electronics

Notice

Date: 20/02/2024

All the students of B.Sc. II, III & B.Sc. Comp. Sci. Entire Electronics are hereby informed that, the Department of Electronics and B.Sc. Comp. Sci. Entire Part II has organized the ~~Seminar~~ on "**Embedded System and Internet of Things (IoT)**" on Wednesday 21st February 2024 at 11:30 AM. The resource person is **Prof. (Dr.) S. A. Shinde, Associate Professor, Department of Electronics, Shivaji University, Kolhapur**. Join this lecture for 5-10 minutes before the commencement in room no. 11 Vivekanand College, Kolhapur (Empowered Autonomous).




(Dr. C. B. Patil)

HEAD
DEPARTMENT OF ELECTRONICS
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)



"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार"
-शिक्षणमहर्षी डॉ. बापूजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha's
Vivekananda College, Kolhapur
(Empowered Autonomous)



Seminar on

"Embedded System & Internet of Things (IoT)"

Organized by

Department of Electronics & B. Sc. Comp. Sci. Entire Electronics

PROGRAM MAGAZINE

- Welcome & Introduction : Dr. C. B. Patil (Head of Dept.)
- Introduction to Resource Person : Mr. N. P. Mote
- Speech by Resource Person : Dr. S. A. Shinde
Associate Professor,
Department of Electronics
Shivaji University, Kolhapur.
- Topic : "Embedded System & Internet of Things (IoT)"
- Anchoring : Dr. P. S. Jadhav
- Vote of Thanks : Mr. P. R. Bagade

Venue: Room No. 11, Vivekanand College, Kolhapur (Empowered Autonomous)
Date: Wednesday, 21/02/2024
Time: 11:30 am



Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Electronics & B.Sc. Comp. Sci. Entire

Organized Seminar on

"Embedded System and Internet of Things (IoT)"

Participants Attendance Sheet

Date 21.02.2024

Time: 11:30 am

Sr. No.	Name of the Students	Class	Sign
1	Pratiksha .P. Kirulkar	BCS-II	<u>Reelal</u>
2	Gita Macchindranath Kate	BCS-II	<u>G. Kate</u>
3	Mrunal Umesh Magar.	BCS-II	<u>MM</u>
4	Shreya Chetan Chougule	BCS-I	<u>Shreya</u>
5	Sneha Adinath Chougule	BCS-I	<u>S. Chougule</u>
6	Samiksha Dhonaji Chougale	BCS-I	<u>Samiksha</u>
7	Pranaya Jalindar Khutale	BCS-I	<u>Pranaya</u>
8	Sanika Ravindra Gurusav	BSC-II	<u>S.R. Gurusav</u>
9	Sanika Sanjay Kumbhar	BSC-II	<u>S. Kumbhar</u>
10	Sai Chandrakant Chougule	BSC-II	<u>S.C. Chougule</u>
11	Diksha Tushar Kumbhar	BSC-II	<u>D. Kumbhar</u>
12	Shreya Shashikant Hirdekar	BSC-II	<u>Shreya</u>
13	Sharrari Kuldeep Patil	BSC-II	<u>Sharrari</u>
14	Sanika Subhash Parpolkar	BSC-II	<u>S. Parpolkar</u>
15	Poonam Narasu Patil	BSC-II	<u>P. Patil</u>
16	Srushti. Sunil. Patil	BCS-II	<u>S. Patil</u>
17	Siddhi Babaso Patil	BCS-II	<u>S. Patil</u>
18	Neha Kishor Budhale	BCS-I	<u>Neha</u>
19	Sakshi Bajerao patil	BCS-I	<u>Sakshi</u>
20	Tanya Babaso yadav	BCS-I	<u>Tanya</u>

211 Rutuja Babaso Yadav BCS-I R. Yadav



Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Electronics & B.Sc. Comp. Sci. Entire

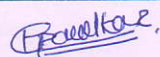







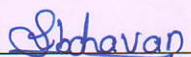
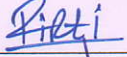



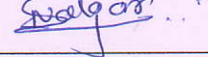

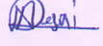


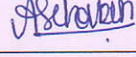



Organized Seminar on

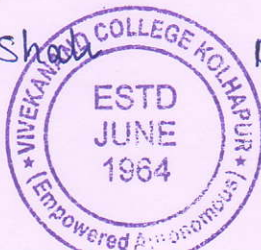
"Embedded System and Internet of Things (IoT)"

Participants Attendance Sheet

Date 21.02.2024

Time: 11:30 am

Sr. No.	Name of the Students	Class	Sign
21	Prati Guruprasad Parulkar	BCS-I	
22	Samruddhi Shivaji Khutale	BCS-I	
23	Snehal Dhanaji Lagare	BCS-I	
24	Pooja Babasaheb Dhas	BCS-I	
25	Shubhangi Madhukar Patil	BCS-II	
26	Sandhyaarani Sampat Rao Patil	BCS-II	
27	Anushka Sunil Shete	BCS-II	
28	Vaishnavi Shrikant Ghode	BSC-II	
29	Snehal Bhikaji Chavan	BSC-III	
30	Dipti Dilip Patil	Bsc-III	
31	Samiksha Parashuram Shinde	BCS-I	
32	Snehal Ranjit Patil	BCS-I	
33	Sejal Anil Desai	Bsc ITI	
34	Sarika Nandkumar Salgar	BCS-II	
35	Saloni Bajirav Chougale	BCS-I	
36	Amruta Digambar Desai	BCS-I	
37	Aashiya Khajabhai Sayyad	BCS II	
38	Madhura Santosh Nikam	BCS-I	
39	Aishwarya Sanjay Chavan	BCS-I	
40	Shravani Arun Dhekale	BCS-II	
41	Pranita Ranjeet Shinde	BCS-II	
42	Maithili Manoj Shinde	BCS-II	



Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Electronics & B.Sc. Comp. Sci. Entire

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Time: 11:30 am

Sr. No.	Name of the Students	Class	Sign
41	Gurija Bajirao Patil	BCS. FY	<i>Patil</i>
42	Bhakti Dawatrao Ghatage	Bcs. FY	<i>B. Ghatage</i>
43	Shravani Nitin Kashid	BCS. FY	<i>Akashid</i>
44	Vaishnavi Shankar Gaikwad	BCS. FY	<i>Gaikwad</i>
45	Saniya Prakash Patil	BCS. FY	<i>Patil</i>
46	AKshata Sanjay Terani	B.S.C - III	<i>Terani</i>
47	Ananya Netaji Jadhav	B.S.C - III	<i>Ananya Jadhav</i>
48	Vaishnavi Satish Kore	Bcs. SY	<i>Kore</i>
49	Trupti Adinath Patil	Bcs II	<i>Patil</i>
50	Diksha Pandurang chougale	B.C.S. FY I	<i>Diksha</i>
51	Shruti Bajirao Telvkar	B.C.S FY I	<i>Shruti</i>
52	Vedika Vijay Magdum	BCS FY I	<i>Vedika</i>
53	Monika Mahesh Nagdev	BCS FY I	<i>Nagdev</i>
54	Nikita Prakash Mane	BCS FY. I	<i>Nmane</i>
55	Jeeya Jitendra Patil	BCS- FY	<i>Jeeya</i>
56	Gayatri Dadaso Patil	Bcs- fy	<i>Patil</i>
57	Sonali Khandu Jadhav	Bcs- fy	<i>Sonali</i>
58	shreya Raygonda Patil	Bcs- fy	<i>Patil</i>
59	Afreen Nisar A. Jamadar	Bcs- FY	<i>Afreen</i>
60	Ankita Sunil Shetake	Bcs- sy	<i>Shetake</i>

61) Snehal Sanjay Wadkar

Bcs- sy S.S.W.

62) Priyanka Yuvraj Kholambe

Bcs- sy P.Y.Kholambe



Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Electronics & B.Sc. Comp. Sci. Entire

Organized Seminar on

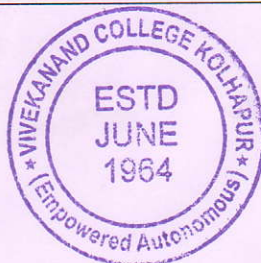
"Embedded System and Internet of Things (IoT)"

Participants Attendance Sheet

Date 21.02.2024

Time: 11:30 am

Sr. No.	Name of the Students	Class	Sign
61	Cezan. Nasar. Khan	(Comp.Sci) B.S.C.S.Y	<u>Ch</u>
62	Mane Suyash Tanaji	B.C.S (FY)	<u>Mane</u>
63	Bhongale Prakash Sagar	B.C.S (FY)	<u>Bhongale.</u>
64	Patil Padas Rajaram	B.C.S (FY)	<u>Patil</u>
65	Patil Shubham Shivaji	B.C.S (FY)	<u>Patil</u>
66	Desai Kartik Prakash	B.C.S (FY)	<u>Desai</u>
67	Petanekar Shivaji Satappa	B.Sc (FY)	<u>Petanekar.</u>
68	Rutik. R. Puroji	BCS (S.Y)	<u>Rutik.</u>
69	Yash Ashok Patil	BCS (S.Y)	<u>Yash</u>
70	Abhijeet Bajarang Kulkarni	BCS (S.Y)	<u>Abhijeet</u>
71	Aniket Vishwajee Kuigade	BCS (S.Y)	<u>Aniket</u>
72	Swapnil Suresh Patil	B.Sc-II	<u>Swapnil</u>
73	Ravi Bajirao Patil	B.Sc-II	<u>Ravi</u>
74	Aditya Mahesh Altekar	B.Sc-II	<u>Altekar</u>
75	Samarth Shrikant Patil	B.Sc-II	<u>Samarth</u>
76	Sahil Niuruti Patil Bamne	B.Sc-II	<u>Sahil</u>
77	Tejas Baban Patil.	BCS I	<u>Tejas</u>
78	Sammy R Patil	Bcs I	<u>S.R.P</u>
79	Nivrutti .D. Patil	BCS II	<u>Nivrutti</u>
80	Mayur Dilip Pawar.	BCS-II	<u>Mayur</u>



Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Electronics & B.Sc. Comp. Sci. Entire



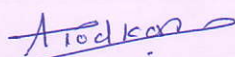
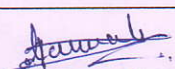
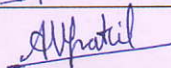
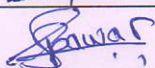
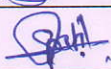
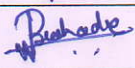
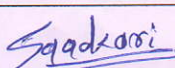
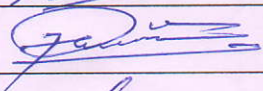
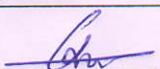
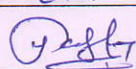
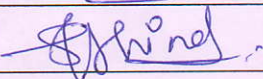
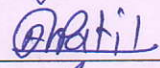




Organized Seminar on

"Embedded System and Internet of Things (IoT)"

Participants Attendance Sheet

Date 21.02.2024

Time: 11:30 am

Sr. No.	Name of the Students	Class	Sign
81	Prathmesh Bhimrao Khot	BCS-fy	P.B. Khot
82	Sahil Tanaji Neik	BCS-fy	
83	Pranav Hambim Jadhav	BCS-FY	
84	Abhay Ashok Todkar	BCS-FY	
85	Paras Dilip Jang	BCS-FY	P.D.
86	Prasad Ajit Malawade	BCS-FY	
87	Abhijit Vijay Patil	BCS-FY	
88	Shubham S. Pawar	BSC-TY	
89	Sudarshan R. Patil	BSC-TY	
90	Niven Buchade	BSC-TY	
91	Harshad Gadkari	BSC-TY	
92	Pratik Desai	BSC-TY	
93	Pratull P. Ghurake	BCS-SY	
94	Yash Anil Swami	BSC-III	
95	Shivam Shinde	BSC-III	
96	Aditya M. Patil	BSC-II	
97	Aditya S. mane	BSC-II	
98	Kartik K. Kamble	BCS-II	
99	Ankush V. Patil	BCS-II	
100	Anish M. Mahaldar	BCS-II	



Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Electronics & B.Sc. Comp. Sci. Entire

Organized Seminar on

"Embedded System and Internet of Things (IoT)"

Participants Attendance Sheet

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Time: 11:30 am

Sr. No.	Name of the Students	Class	Sign
101	Peasad sambhaji Chougule	Bcs-II	<u>P. Chougule</u>
102	Tejash Aevind Kumbhar	BSc-III	<u>Tejash</u>
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Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Electronics & B.Sc. Comp. Sci. Entire


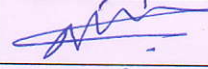
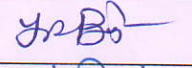

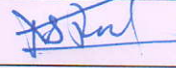
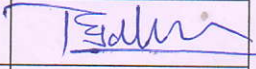
Organized Seminar on

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Participants Attendance Sheet

Date 21.02.2024

Time: 11:30 am

Sr. No.	Name of the Faculty	Department	Sign
1	Dr. C. B. Patel	Electronics	
2	Mr. N. P. Mote	Electronics	
3	Mr. P. R. Bagade	Electronics	
4	Mr. G. B. Jiragde	Electronics	
5	Dr. Milind Patil	Electronics	
6	Dr. Poonam S. Jadhav	Electronics	
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Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

2130, 'E' Tarabai Park, Kolhapur, Tal. Karveer, Dist. Kolhapur -416003

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M.Sc.,M.Phil.,Ph.D.

Ref. No. VCK/ 2682 /2022-24

Date : 21/02/2024

To,
Dr. S. A. Shinde
Associate Professor,
Department of Electronics,
Shivaji University, Kolhapur.

Dear Sir,

In response to our invitation as a Resource Person for Seminar on “Embedded System and Internet of Things (IoT)” Wednesday, 21th Feb 2024,organized by Department of Electronics and Department of B.Sc. Computer Science Entire Electronics Vivekanand College, Kolhapur (Empowered Autonomous). You have delivered the speech and explained what is mean by Embedded System and its application. Also, you explained the concept of Internet of Things and how it relates to Cloud computing for our students in a systematic manner.

We are very much thankful to you for taking efforts in this regards. Being a renowned faculty we expect co-operation in future too.

Thanking You.

Yours Faithfully

(Dr. C. B. Patil)

HEAD
DEPARTMENT OF ELECTRONICS
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

(Dr. R. R. Kumbhar)

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कोल्हापूर : पुढारी वृत्तसेवा

विवेकानंद महाविद्यालयामध्ये सीनिअर इलेक्ट्रॉनिक्स व बी. एस्सी. कॉम्प्युटर सायन्स एंटायर इलेक्ट्रॉनिक्स विभागामार्फत 'एम्बेडेड सिस्टीम आणि इंटरनेट ऑफ थिंग्स' विषयावर व्याख्यान झाले.

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