



“Education for Knowledge, Science and Culture”
-Shikshanmaharshi Dr. Bapuji Salunkhe
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
Internal Quality Assurance Cell
2024-2025



Quality Initiatives/ Activities Report

Department of B.Sc. Computer Science (Entire)

One Page Report: Guest Lecture on “Internet of Things IoT): Architecture to Applications

1.	Name of the Department	B.Sc. Computer Science (Entire)
2.	Name of the Activity	Guest Lecture on “Internet of Things IoT): Architecture to Applications”
3.	Date/Duration	12 th March 2025
4.	Aims/ Objectives	<ul style="list-style-type: none">• To provide a comprehensive understanding of IoT, its components and importance.• To explain the architectural layers that makes up IoT systems as well as Showcase real-world applications of IoT in various industries.• To inspire participants to explore new ideas and innovations in IoT technology.
5.	Number of Beneficiaries	104
6.	Expenditure and Funding	Nil
7.	Brief Description	Department of B.Sc. CS (Entire) has organized the Guest Lecture on “Internet of Things IoT): Architecture to Applications” by Dr. S. A. Shinde, Associate Professor, Department of Electronics, Shivaji University, Kolhapur on 12 th March 2025. The program began with an introduction to the core principles of IoT by Prof. Dr. S. A. Shinde, followed by an in-depth review of the architecture, including sensors, communication protocols, data processing, and cloud integration. Dr. Shinde addressed participants about various IoT applications, such as smart agriculture, smart homes, healthcare, industrial automation and transportation, illustrating how IoT is transforming various types of industries. At The end he informed to the students IoT field offers numerous job opportunities across industries, including roles such as Sensor designers, IoT developers, data analysts, and network engineers.
8.	Outcomes	<ul style="list-style-type: none">• Participants get familiarized with the basic architecture and components of IoT.• The participants learned about the various communication methods and protocols used in IoT systems.• The attendees understood the implementation of IoT in areas such as smart agriculture, healthcare, smart homes and various industries with specific examples.

Miss Pallavi M. Dessai



HEAD
DEPARTMENT OF B.SC. COMPUTER SCIENCE
(ENTIRE)
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

B.Sc. Computer Science (Entire)

Date: 05/03/2025

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

Subject: Permission to organize Guest Lecture on **"Internet of Things IoT): Architecture to Applications"**.


Respected Sir,

Department of B.Sc. Computer Science Entire is going to organize a Guest Lecture on **"Internet of Things (IoT): Architecture to Applications"** on **Wednesday, 12/03/2025 at 11:30 am** in Room No. 201 of Vivekanand College, Kolhapur (An Empowered Autonomous Institute). The resource person is **Dr. S. A. Shinde, Associate Professor, Department of Electronics, Shivaji University, Kolhapur**. Department would like your permission for the same. Also allow remuneration to the Resource person. Thank you.

You're sincerely,



HEAD
DEPARTMENT OF B.SC. COMPUTER SCIENCE
(ENTIRE)
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)


Allowed
Re
5/3/25





Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR

(AN EMPOWERED AUTONOMOUS INSTITUTE)

2130, 'E' ward, Tarabai Park, Kolhapur, Tal. Karveer, Dist. Kolhapur -416003
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Founder Dr. Bapuji Salunkhe D.Lit.	President Hon. Chandrakant Dada Patil Minister, Higher & Technical Education, Parliamentary Affairs	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.
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Ref. No. VCK/ 28341/2024-25

Date : 11/3/2025

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

Subject: Invitation as a Resource person for Seminar on “Internet of Things
(IoT): Architecture to Applications”

Respected Sir,

It gives us an immense pleasure to invite you as Resource Person for Seminar on
“Internet of Things (IoT): Architecture to Applications” on Wednesday,
12/03/2025 at 11:30 am onwards organized by Department of Electronics, B.Sc.
Computer Science Entire Electronics and Internal Quality Assurance Cell (IQAC)
Department Vivekanand College, Kolhapur (An Empowered Autonomous Institute).

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

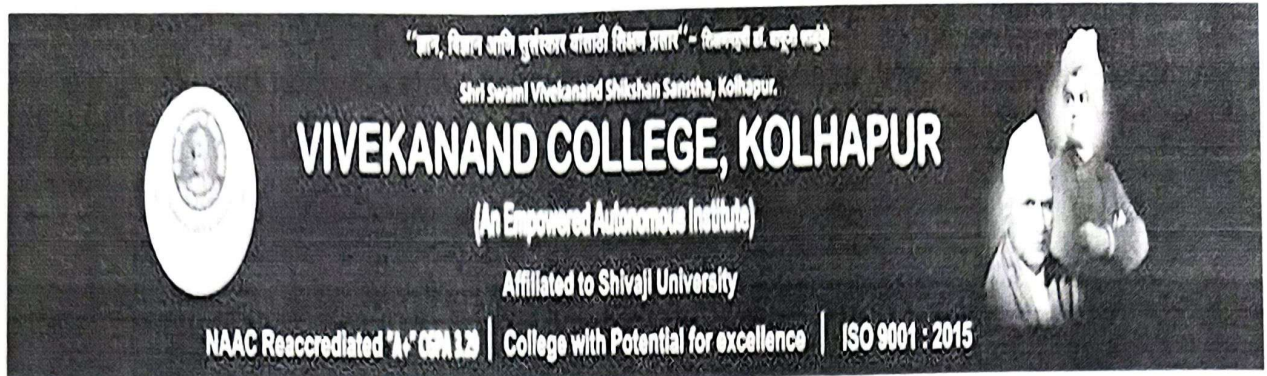
Thank you.

Yours Faithfully,



(Dr. R. R. Kumbhar)

PRINCIPAL
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)



Date: 07/03/2025

Notice for B.SC. COMPUTER SCIENCE (ENTIRE)

All the students of B.Sc. Computer Science (Entire)-II are informed that the Department of B.Sc. Computer Science Entire has organized a Guest Lecture on "Internet of Things (IoT): Architecture to Applications" on Wednesday 12/03/2025 at 11:30 am. The resource person is Prof. Dr. S. A. Shinde, Associate Professor, Department of Electronics, Shivaji University, Kolhapur. Be present on time in room no. 201 Main Building, Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

Miss Pallavi M. Dessai

HEAD (HOD)
DEPARTMENT OF B.SC. COMPUTER SCIENCE
(ENTIRE)
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)



Vivekanand College, Kolhapur

(An Empowered Autonomous Institute)

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

Organized Seminar on

“Internet of Things (IoT): Architecture to Applications”

Participants Attendance Sheet

Date 12.03.2025

Time: 11:30 am

Sr. No.	Name of the Students	Class	Sign
1	Sonali Yuvraj Malavi	BCS-II	<u>Sonali</u>
2	Harshada Ajit Satpute	BCS-II	<u>HS</u>
3	Chaitra Ramesh Gavali	BCS II	<u>Gavali</u>
4	Vedika Vilas Gujar	BCS II	<u>V.V. Gujar</u>
5	Saniya Sampat Sadale	BCS II	<u>Sadale</u>
6	Samiksha Dhanaji Chougale	BCS II	<u>Samiksha</u>
7	Pooja Babasaheb Dhas	Bcs-II	<u>Pooja</u>
8	Samiksha Parashuram Shinde	BCS-II	<u>Shinde</u>
9	Sakshi Prashant Tavaskar	BcsII	<u>Sakshi</u>
10	Neha Vijay Meharwade	BCSII	<u>Neha</u>
11	Amruta Digambar Desai	BCS-II	<u>Desai</u>
12	Shruti Ananda Sutar	Bsc -I	<u>Shruti</u>
13	Samruddhi Satya Dixit	Bsc-I	<u>S Dixit</u>
14	Aditi Sandip Kumbhar	BSC-I	<u>Aditi</u>
15	Samiksha Govind Masarikar	Bsc-I	<u>Samiksha</u>
16	Sakshi Suresh Karamate	Bsc-I	<u>Sakshi</u>
17	Gayatri Gayanan Lolage	BSC-III	<u>Lolage</u>
18	Harsha Balaso Havalde	BSC-I	<u>Harsha</u>
19	Kumbhar Akshata Babasaheb	BCS II	<u>Kumbhar</u>
20	Lavhate Dhanashri Sandat	BCS II	<u>Lavhate</u>



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

Organized Seminar on

"Internet of Things (IoT): Architecture to Applications"

Participants Attendance Sheet

Date 12.03.2025

Time: 11:30 am

Sr. No.	Name of the Students	Class	Sign
21	Terdale Sakshi Rausaheb	BCS II	
22	Bhaldar Saniya Zakir	BCS II	
23	Bobhate Tanvi Haridas	BCS II	
24	shinde Shravani sandeep	BCS II	
25	Desai Neha Sharad	BCS II	
26	Desai Shreya Ravindra	BCS II	
27	Gourji Tanaji Kumbhar	B.Sc I	
28	Siddhi Shivaji Raut	B.Sc I	
29	Snehal Mahesh Chougale	BCS-II	
30	Neha Kishor Budhale	BCS-II	
31	Saloni Bajirav Chougale	BCS-II	
32	Rutuja Dilip chougale	BCS-II	
33	Ghatage Bhakti Dawlatrao	BCS-II	
34	Kashid Shravani Nitin	BCS-II	
35	Fazakate Saloni suresh	BCS-II	
36	Gaikwad Vaishnavi Shankar	BCS-I	
37	Payal Babasa Vasekar	BCS-II	
38	Sakshi Koushnat Solokhe	BCS-II	
39	Sakshi Dipak Gavakar	BCS-II	
40	Rutika Suresh Dasav	BCS-II	



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Participants Attendance Sheet

Date 12.03.2025

Time: 11:30 am

Sr. No.	Name of the Students	Class	Sign
41	Mansing Tangji Shelake	BCS-C	<u>Mansing</u>
42	Sanket Vilas Patil	BCS-C	<u>Fatil</u>
43	Siddesh Sunil More	BCS-B	<u>Shake</u>
44	Praseed Ajit Malawade	BCS-B	<u>Malawade</u>
45	Prathmesh Dinesh Happe	BCS-A	<u>Ruppe</u>
46	Sammied Labbanand Haridwade	BCS-A	<u>Samu</u>
47	Sanskar B. Sadane	BCS-C	<u>Si.Bane</u>
48	Mahammadkif sammied Shaikh	BCS-C	<u>Shaikh</u>
49	Rohan Dattatray Bhavad	BCS-A	<u>Bhavad</u>
50	Shriven Sandip Kamat	B.Sc-I	<u>Shriven</u>
51	Pratikraj Jaykumar Malage	B.Sc-I	<u>Malage</u>
52	Vighnesh Rajesh Chandsekar	B.Sc-I	<u>V</u>
53	Koustabh Bhaskar Kuwalekar	BSC-I	<u>Koustabh</u>
54	harsh shashikant kamble.	BCS-A	<u>Kamble</u>
55	Vedant P. Mangaonkar	BSc III	<u>Vingankar</u>
56	Vikrant Rajendra Surve	BSc III	<u>VSR</u>
57	Aditya Mahesh Altekare	B.Sc III	<u>Altekare</u>
58	Samarth Shrikant Patil	B.Sc III	<u>Patil</u>
59	Alok Bajirang Lad	B.Sc II	<u>A</u>
60	Samrat Sarash Kumble	B.Sc II	<u>S</u>



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Organized Seminar on

"Internet of Things (IoT): Architecture to Applications"

Participants Attendance Sheet

Date 12.03.2025

Time: 11:30 am

Sr. No.	Name of the Students	Class	Sign
61	Prathamesh Khopkar	BSC II	<u>Khopkar</u>
62	Samarth Balasaheb Koli	BSC-I	<u>S.B. Koli</u>
63	Shivraj Ramchandra Thorawade	BSC-I	<u>S.R. Thorawade</u>
64	Aviraj Balkrishna Mane	BSC-I	<u>Aviraj</u>
65	Amar Santosh Gavhane	BSC II	<u>A.S. Gavhane</u>
66	Ayush Balavant Chougale	BSC-I	<u>Ayush</u>
67	Vivek Keeba Powar	BSC II	<u>VKP.</u>
68	Rohit Dhunaji Dhundare	BSC-II	<u>Rhundare</u>
69	Zaheer Khalil Mujawar	BSC-II	<u>ZK</u>
70	Rajwardhan Shriram Patil	BSC-I	<u>Ratil</u>
71	Jaydeep Shankar Kumbhar	BSC-I	<u>JB</u>
72	Dinesh Dattatray Mane	BSC-I	<u>Dmane</u>
73	Nikhil Krishnat Methe	BSC-I	<u>NKmethe</u>
74	Sanket Bololikar	BSC-II	<u>Sanket</u>
75	Rushikesh J. Devan	BSC II	<u>R</u>
76	Rohit A. Gurav	BSC-II	<u>Gurav</u>
77	Subas. S. Rabbe	BSC-II	<u>Subas</u>
78	Rajwardhan Kundalik Desai	BSC-II	<u>Desai</u>
79	Atish Sanjay Bhosale	BSC-II	<u>Atish</u>
80	Swarni Sambhaji Jadhav	BSC-II	<u>Swarni</u>



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Participants Attendance Sheet

Date 12.03.2025

Time: 11:30 am

Sr. No.	Name of the Students	Class	Sign
81	Akshay Raghunath Dandge	B.C.S. - I	
82	Sumit Sunil Kalebore	B.C.S. - II	
83	Mohammadsaqib Jawed Ansari	B.C.S. - II	
84	Swaroop Sanjay chougale	B.C.S. - II	
85	Ritesh Hari Alwekar	B.C.S. - II	
86	Sahil Samir Guraev	B.Sc. - II	
87	Parth Sayas Lahigude	B.Sc. - II	
88	satvik vikas mane	B.Sc. - II	
89	Gayatri Dadaso Patil	B.C.S. - II	
90	Nikita Prakash mane	B.C.S. - II	
91	Teeya Jitendra Patil	B.C.S. - II	
92	Sonali Khandu Jadhav	B.C.S. - II	
93	Maina Omprakash Suthar	B.Sc. - II	
94	Pritika Suresh Kadam	B.Sc. - II	
95	Urvee Umesh Gaikwad	B.Sc. - II	
96	Utkarsha Nitin Patil	B.Sc. - II	
97	Rasika Ravindra Jadhav	B.C.S. - II	
98	Afreen Nisar A. Jamadar	B.C.S. - II	
99	Pooja Sanjay Nalawade	B.C.S. - II	
100	Rutuja Ravindra Algundi	B.C.S. - II	

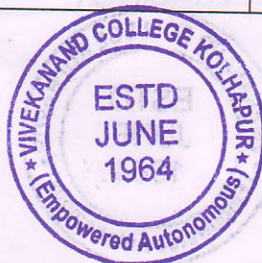


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"Internet of Things (IoT): Architecture to Applications"
Participants Attendance Sheet

Date 12.03.2025

Time: 11:30 am

Sr. No.	Name of the Students	Class	Sign
101	Snushti .V. Thorat	B.CS-II	Thorat
102	Gayatri .R. Pawar	B.CS-II	Pawar
103	Yuvraj .S. Dhembare	B.CS-II	Dhembare
104	Rohan D. Dhokare	B.CS-II	Dhokare
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M.Sc., B.Ed.

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

Ref. No. VCK/ 2847/2024-25

Date : 12/3/2025

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

Respected Sir,

In response to our invitation as a Resource Person for Seminar on “Internet of Things (IoT): Architecture to Applications” on Wednesday, 12/03/2025, organized by Department of Electronics, B.Sc. Computer Science Entire Electronics and Internal Quality Assurance Cell (IQAC) Department Vivekanand College, Kolhapur (An Empowered Autonomous Institute). You have delivered the speech and explain what is mean by Internet of Things and how it relates to Cloud computing for our students in a systematic manner.

We would like to extend our heartfelt gratitude to you for your valuable contribution as the resource person for this seminar. Your in-depth knowledge and insightful presentation about the rapidly evolving field of "Internet of Things" was extremely informative and engaging for all participants.

On behalf of the college, we would like to thank you once again for taking the time to share your knowledge with us. Your support and cooperation made this seminar a success and we look forward to working with you again in the future.

Thanking You.

Yours Faithfully,



(Dr. R. R. Kumbhar)
PRINCIPAL
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)



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



Participants present for the seminar