



“Education for Knowledge, Science and Culture”  
 -Shikshahmaharshi Dr. Bapuji Salunkhe  
 Vivekanand College, Kolhapur (Autonomous)  
**Internal Quality Assurance Cell**  
 2018-19



**Quality Initiatives/ Activities Report**  
**Department of B.Sc. Computer Science (Entire)**

**One Page Report: Guest Lecture on “Microcontroller 8051, Embedded System and IoT ”**

|    |                                 |   |
|----|---------------------------------|---|
| 1. | <b>Name of the Department</b>   | B.Sc. Computer Science (Entire)   |
| 2. | <b>Name of the Activity</b>     | Guest Lecture on Microcontroller 8051, Embedded System and Iot  |
| 3. | <b>Date/Duration</b>            | 25 <sup>th</sup> February 2019  |
| 4. | <b>Aims/ Objectives</b>         | The objective of this Guest Lecture is to impart fundamental knowledge on Microcontrollers and its varied IOT applications.   |
| 5. | <b>Number of Beneficiaries</b>  | 28 students of B.Sc(Electronic) & 30 Students B.Sc Computer Science   |
| 6. | <b>Expenditure and Fundings</b> | Nil   |
| 7. | <b>Brief Description</b>        | The Guest Lecture is arranged by B.Sc CS(Entire) department. The resource person Milind Patil sir started the session with the interaction with the students about their knowledge and idea on (Internet of things) IOT in our day today life. Then he moved on to brief the basic structure of IOT applications and explained each and every component involved in hardware setup of an IOT set up. He gave some idea on various microcontrollers. |
| 8. | <b>Outcomes</b>                 | Students learnt about Microcontroller 8051, Embedded System and Iot(Internet of things)   |

Miss Pallavi M. Dessai

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



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# विवेकानंद कॉलेज (स्वायत्त), कोल्हापूर

2430 ई. गणेशाई मार्ग, कोल्हापूर, जि. कोल्हापूर - 415 053  
शिक्षणी विद्यापीठ, कोल्हापूर महानगर

वेतक क्रमांक : 'A' (सी. जी. टी. 3 24) दि. 19. 01. 19 (विस्तारी केरी)  
कॉलेज वर्डिंग पोटेंशियल फॉर एम्प्लॉयमेंट यू. जी. सी. (दोपदा)  
२०१९ कॉलेज - डी. डी. डी. - पारल संस्कार



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|--|---|--|--|---|
| संस्थापक<br>डॉ. बापूजी साळुंखे<br>D. Litt. | अध्यक्ष<br>मा. ना. चंद्रकांत दादा पाटील<br>पाठ्यक्रम, भवन व पुस्तकालय, सामाजिक विकासाय<br>भारी (सामाजिक उत्प्रेरण विकासाय) महापुरुष संस्थान | कार्याध्यक्ष<br>प्राचार्य अभयकुमार साळुंखे<br>M.A. | सचिव<br>प्राचार्या सौ. शुभांगी गावडे<br>M.Sc., B.Ed. | प्राचार्य<br>डॉ. एस. वाय. होंगेंकर<br>MA, MEd, PGDTE,<br>M.Phil., Ph.D. |
|--|---|--|--|---|

जावक क्रमांक वि. सी. के / 3509 / 18-19

दिनांक 21/2/2019

To,  
**Dr. Milind S. Patil**  
Director,  
Nebulas Automation PVT.LTD,  
Shiroli pulachi, Kolhapur.

Sub: Invitation for guest lecture on "Microcontroller 8051,  
Embedded System and IOT "

Dear Sir,

With reference to our telephonic discussion, we invite you as a guest lecturer for delivering a seminar on "Microcontroller 8051, Embedded System and IOT" on Monday 25/02/2019 for our B.Sc. Computer Science (Entire) and B.Sc. Electronics students.

Thanking You.

Yours faithfully,

(Miss. P. M. Desai)

Head

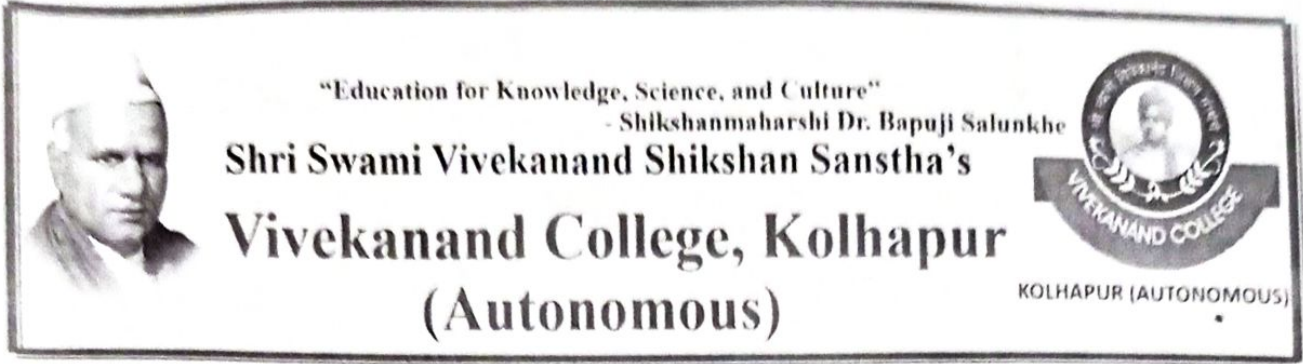
Dept. of B.Sc. Comp. Sci. (Entire)  
Vivekanand College, Kolhapur.

(Dr. S. Y. Hongekar)

PRINCIPAL

Vivekanand College  
Kolhapur.





Date-23/02/2019

**Notice for B.Sc Computer Science Entire**

All the students of B.SC.COMPUTER SCIENCE (ENTIRE)-I are informed that they should attend Guest Lecture on 25/2/2019 at 11.00am on topic "8051 Microcontroller, Embedded system and IOT".

Miss P. M. Dessai.

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



1062 Key to ...  
 9050 Rutuja Rajendra Patil Roll 9048  
 9046 Riddha Dilip Chavani Roll 9157  
 VIVEKANAND COLLEGE (Autonomous), KOLHAPUR  
 DEPARTMENT OF B.Sc Computer Science (Entire) 9139  
 Pathyash T. Kashiph F. Sha. Rahnadeop & Kam. Pabhishek V Pat

**Seminar Title- A Seminar on Microcontroller 8051, Embedded System & IOT**

Resource Person : Dr. Milind Patil

Date - 25/02/2019 9068 Shikha Bhagyashri Babasaheb Patil Time :- 11.00 am

| SR. NO. | Roll No. | NAME OF STUDENT            | SIGN       |
|---------|----------|----------------------------|------------|
| 1       | 9016     | Paithviraj Ashok Desai     | Desai      |
| 2       | 9049     | Ajay. r. Patil.            | Patil      |
| 3       | 9076     | Vishal B. Torankar         | Torankar   |
| 4       | 9038     | Prasad J. Kumbhar          | Kumbhar    |
| 5       | 9011     | Siddharth S. Chavan        | Chavan     |
| 6       | 9014     | Sumit S. Chougale          | Chougale   |
| 7       | 9017     | Shreyan R. Desai           | Desai      |
| 8       | 9020     | Siddhant V. Dhundur        | Dhundur    |
| 9       | 9039     | Darshan M. Laxapati        | Laxapati   |
| 10      | 9082     | Abhishhek C. Salve         | Salve      |
| 11      | 9019     | Tahir N. Dharwadkar        | Dharwadkar |
| 12      | 9081     | Souzabh S. Magadum         | Magadum    |
| 13      | 9053     | Onkar Y. Patil             | Patil      |
| 14      | 9042     | Mette Ajit Rajaram.        | Rajaram    |
| 15      | 9067     | SAHIL S. SAWANT            | Sawant     |
| 16      | 9055     | Pranav Prakash Patil       | Patil      |
| 17      | 9080     | Nitin Rajendra Yerangle    | Yerangle   |
| 18      | 9075     | Swaraj Jagannath Paudale   | Paudale    |
| 19      | 9078     | Rajesh Birwisingh Yadav    | Yadav      |
| 20      | 9033     | Pavan Shivshankar Jidimath | Jidimath   |
| 21      | 9040     | Vinayak Ashok Wadke        | Wadke      |
| 22      | 9037     | Kishorji Ananda Kumbhar    | Kumbhar    |
| 23      | 9018     | Vishwajeet Yuvraj Desai    | Desai      |
| 24      | 9047     | Samruddh Sanjay Pasamare   | Pasamare   |
| 25      | 9043     | Akash Channabekant Mhulep  | Mhulep     |
| 26      | 9052     | Kunel Krishnat Patil       | Patil      |
| 27      | 9079     | TUSHAR PARASHRAM YAROLKAR  | Yarolkar   |
| 28      | 9072     | Abhishhek Uttam Sutar      | Sutar      |
| 29      | 9015     | Aditya Uday Desai          | Desai      |
| 30      | 9003     | Prashant Rajadhe Bansode   | Bansode    |
| 31      | 9035     | Pragada Jayesh Kalekar     | Kalekar    |
| 32      | 9059     | Sonali Anil Patil          | Patil      |
| 33      | 9008     | Sakshi Rajendra Bukshet.   | Bukshet    |
|         | 9054     | Prajakta N. Patil          | Patil      |
|         | 9050     | Dhanashree D. Patil        | Patil      |
|         | 9073     | Rutuja S. Sutar            | Sutar      |

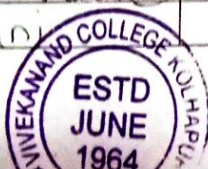
9107 Uttakrish V. Geordhi  
 9106 Anshul Keshav Sanyal  
 9105 Anshul Keshav Sanyal



Shikha Bhagyashri Babasaheb Patil  
 9157  
 9139

|    |      |                             |           |
|----|------|-----------------------------|-----------|
| 34 | 9005 | Bhagyeshwari Rajesh Bhaphar | Bhaphar   |
| 35 | 9009 | Vishakha Vikrant Shirke     | Shirke    |
| 36 | 9044 | Megha Rajkumar Madhe        | Megha     |
| 37 | 9058 | Shradha Paritai Patil       | Patil     |
| 38 | 9020 | Divya Mahesh Kudhav.        | Kudhav    |
| 39 | 9064 | Amruta Ramchandra Borale    | Borale    |
| 40 | 9071 | Pooja Manuti Sonalkar       | Sonalkar  |
| 41 | 9063 | Atharvashi Prasad Pujari    | Pujari    |
| 42 | 9062 | Snehal Ganjay Patil         | Patil     |
| 43 | 9061 | Vaishnavi Ranjeet Patil     | Patil     |
| 44 | 9004 | Rutuja Dilip Barage         | Barage    |
| 45 | 9007 | BHOSALE MANASI RAYNDRA      | Manasi    |
| 46 | 9084 | Mayuri Ananda Kadale        | Kadale    |
| 47 | 9031 | ANKAR VIKAS JAGDALE         | Jagdale   |
| 48 | 9030 | Rajendra Ramchandra Jagtap  | Jagtap    |
| 49 | 9066 | Ashish Vishor Sawant        | Sawant    |
| 50 | 9057 | Shivam Nitin Patil          | Patil     |
| 51 | 9009 | Sammed Shital Choughale     | Sammed    |
| 52 | 9147 | Pratiksha Kuntinath Patil   | Patil     |
| 53 | 9169 | Sneha Utkarsha S. Todkar    | Todkar    |
| 54 | 9138 | Sneha Taraji Parit          | Parit     |
| 55 | 9172 | Shradha Sandip Patil        | Patil     |
| 56 | 9132 | Rutuja Prakash Mane         | Mane      |
| 57 | 9109 | Aarati Dnyaneshwari Gawas   | Gawas     |
| 58 | 9145 | Pooja Anil Patil            | Patil     |
| 59 | 9110 | Aishwarya Suhas Ghospade    | Ghospade  |
| 60 | 9114 | KAJOL ANIL JADHAV           | Jadhav    |
| 61 | 9022 | Tanaya Tushar Farakate      | Farakate  |
| 62 | 9032 | Chaitrali Vikas Jagtap      | Jagtap    |
| 63 | 9023 | Gavandi Shubhada Mahan      | Mahan     |
| 64 | 9060 | Patil Vaibhavi Krishnat     | Patil     |
| 65 | 9021 | Dulhani Kirti Prakashlal    | Dulhani   |
| 66 | 9029 | Tgasvi Kashinath Jadhav     | Jadhav    |
| 67 | 9025 | Aishwarya Shailendra Ingde  | Ingde     |
| 68 | 9027 | Manali Manoj Jadhav         | Jadhav    |
| 69 | 9045 | Nikita Vijay Nikam          | Nikam     |
| 70 | 9041 | Pooja Vijay Mali            | Mali      |
| 71 | 8204 | Bhagyashri Machindra Kumbhe | Kumbhe    |
| 72 | 9103 | Siddhi Gajanan Bengale      | Bengale   |
| 73 | 9140 | Aishwarya Eknath Patil      | Patil     |
| 74 | 9181 | Radhana Sanjay Mane         | Mane      |
| 75 | 9112 | Devika Chuladani            | Chuladani |
| 76 | 9111 | Utkarsha Ajay Geyat         | Geyat     |
| 77 | 9124 | Vaishnavi R. Patil          | Patil     |

8720 Lakshmi Saravathi Dattatraya B.S.C III  
 Bhaphar





Guest Lecture on Embedded  
System & IOT (Electronics)  
By, Dr. Milind S. Patil

