

MAHATMA GANDHI VIDYAMANDIR'S

LOKNETE VYANKATRAO HIRAY ARTS, SCIENCE AND COMMERCE COLLEGE,

PANCHAVATI, NASHIK

DEPARTMENT OF ELECTRONIC SCIENCE



Academic Year-2017-18

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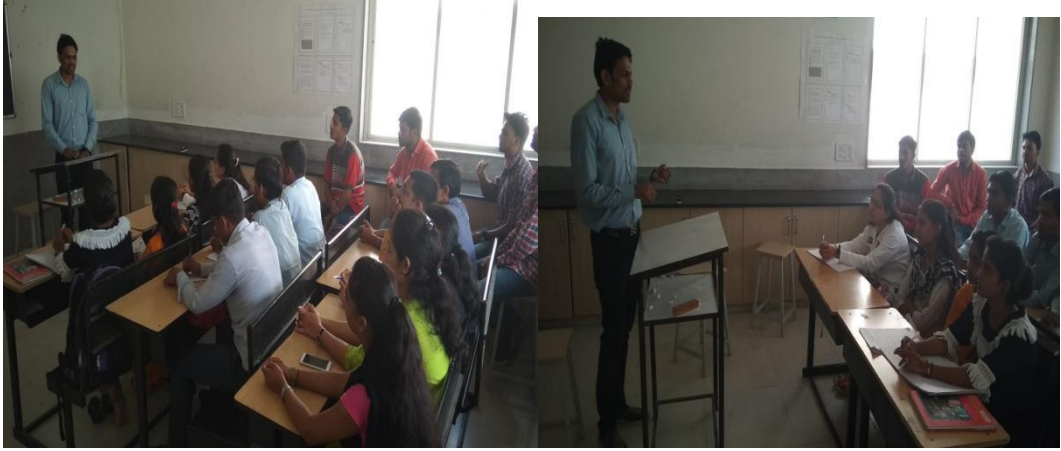
### List of Extensional Activities

<b>Sr. No.</b>	<b>Name of Activity</b>	<b>Date of Activity</b>	<b>No. of Participant</b>
1	One Day NET/SET Workshop	03/10/2017	36
2	Guest Lecture by industrial person on "PLC Guidance"	15/12/2017	18
3	Hands on training On "Arduino and Its Application"	21/12/2017	28
4	Hands on training On "Raspberry Pie"	10/03/2018	36

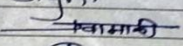
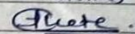

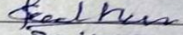
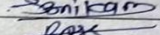

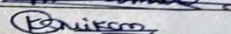

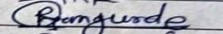
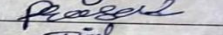
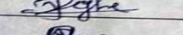


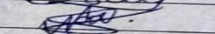
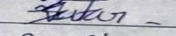


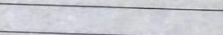
# Reports of Extension Activities

<b>Activity 1</b>	<b>One Day NET-SET Workshop</b>																																			
Date of the event:	<b>3<sup>rd</sup> October 2017</b>																																			
Objectives:	1. To understand the syllabus of the NET SET examination.																																			
	2. Who will be eligible for the examination?																																			
	3. How to apply for the examination.																																			
	4. To understand how to prepare for examinations.																																			
	5. Learn about solving the previous year's examination papers..																																			
Outcome:	1. Aware of the syllabus of the examination.																																			
	2. Understand how to prepare the topics related to examination.																																			
	3. Get the knowledge about the practice and hard work will be important.																																			
	4. Understands time management and way of studying for examinations.																																			
	5. Get the knowledge of tricks for solving papers.																																			
Report	<p>Department of Electronic Science, MGV's Loknete Vyankatrao Hiray Arts, Science and Commerce College, Panchavati Nashik organized One Day NET SET Workshop on 3<sup>rd</sup> October 2017 for the students of M.Sc. Electronic Science. Mr. A.B. Patil, Mr. U. J. Tupe, Mr. S. Handge was the resource person for this workshop.</p> <p>Dr. A. V. Patil, HOD of the department of electronic science, explained the importance of the workshop. Prof. Anil B. Patil, Mr. Umesh Tupe, and Mr. Somanath Handge made efforts for the success of workshop.</p> <p>M. Sc. Students of the Electronic Science department were present for the lecture of NET/SET examination preparation. Mr A. B. Patil Sir explains the topics for paper II and III c-language and programming. Mr. Umesh Tupe Sir explained syllabus of Electronic science for paper I and explain how to prepare for paper I. Mr. Somnath Handge Sir covered the topics semiconductors, analog and digital electronics. They also suggested the names of various reference books be suggested. They also covered the how to solve the questions. Then they explained the method to preparing notes and studying sharing with students. Solve the problem related to paper II and III.</p>																																			
Photo Proof																																				
List of Participants:	<p><b>The List of Participants (UG- PG Students)</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr. No.</th> <th style="width: 45%;">Name of Student</th> <th style="width: 10%;">Sr. No.</th> <th style="width: 35%;">Name of Student</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Thete Tejashree Chandrakant</td> <td>18</td> <td>Rahul D .Gangurde</td> </tr> <tr> <td>2</td> <td>Borase Rakesh Shankar</td> <td>19</td> <td>Mahakal Mahendra Bansu</td> </tr> <tr> <td>3</td> <td>Mali TusharVasudev</td> <td>20</td> <td>Harshal Pawar</td> </tr> <tr> <td>4</td> <td>Desale Prasad Rajendra</td> <td>21</td> <td>Bhavesh Makvana</td> </tr> <tr> <td>5</td> <td>Navgire Kuostubh Somnath</td> <td>22</td> <td>Bachhav Manoj Dilip</td> </tr> <tr> <td>6</td> <td>Patil Yogesh Ramrao</td> <td>23</td> <td>Bhoye Ajay Suresh</td> </tr> <tr> <td>7</td> <td>Patil Shraddha Dilip</td> <td>24</td> <td>Borase Kajal Lotan</td> </tr> </tbody> </table>				Sr. No.	Name of Student	Sr. No.	Name of Student	1	Thete Tejashree Chandrakant	18	Rahul D .Gangurde	2	Borase Rakesh Shankar	19	Mahakal Mahendra Bansu	3	Mali TusharVasudev	20	Harshal Pawar	4	Desale Prasad Rajendra	21	Bhavesh Makvana	5	Navgire Kuostubh Somnath	22	Bachhav Manoj Dilip	6	Patil Yogesh Ramrao	23	Bhoye Ajay Suresh	7	Patil Shraddha Dilip	24	Borase Kajal Lotan
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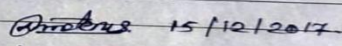
8	Gangurde Rahul Dadabhau	25	Borele Akshay Lalit
9	Jadhav Prashant Santosh	26	Darke Shubham Nitin
10	Tayde Ankita Ramakant	27	Deore Swapnali Kashinath
11	Patil Shubham Sanjay	30	Dighe Yogesh Ramkrushna
12	Mulmule Amol Patil	31	Gaikwad Digambar Krushna
13	Nikam Smita Babu	32	Mahalpure Neha Ashok
14	Nikam Kalyani Subhash	33	Palave Deepali Kailas
15	Waghere Namdev Bansilal	34	Shewale Pratiksha Vikram
16	Sandeep Kumar Pandit	35	Sutar Varsha Prabhakar
17	Somvanshi Yogheshwari Narayan	36	Wable Nikita Prakash


<b>Activity 2:</b>	<b>Guest Lecture by industrial person on “PLC Guidance”</b>
<b>Date :</b>	<b>15<sup>th</sup> December 2017</b>
<b>Objectives:</b>	<ol style="list-style-type: none"> <li>1. To introduce the concept of PLC.</li> <li>2. How PLC works and its needs.</li> <li>3. Programming to control the device (like motors) through PLC.</li> </ol>
<b>Outcomes :</b>	<ol style="list-style-type: none"> <li>1. The PLC workshop is helpful to all students, They learn the PLC and how PLC works for driving the motors and the other devices at industrial level</li> <li>2. Students learn software for the PLC.</li> <li>3. The resource person gives the training to the student on the Scientech 2402 PLC Kit.</li> </ol>
<b>Report:</b>	The Department of Electronic Science has organized a one-day “Hands on Training Workshop on PLC Guidance”, for B. Sc. and M.Sc. Students on Tuesday, 15 <sup>th</sup> December 2017. A resource person, Mr. Mahesh Shinde (Alumni of the Department) explained the basics of PLC, Software for programming PLC and its applications. And give a training of PLC applications to our students. Training given on the Scientech 2402 PLC Kit is available in department.
<b>Photos:</b>	

**List of Participants present for lecture on “PLC Guidance”:**

Attendance of one day Seminar - "Application of PLC in Industry"		
Sr No	Name of student	Sign.
1)	Mali Tushar Vasudev	
2)	Thete Tejabhri Chandrakant	
3)	Patil Shradhbha Dilip	
4)	Tadhav Prashant Santosh	
5)	Nikam Smita Bapu	
6)	Deore Rakesh Vitthal	
7)	Mulmule Amol Pandit	
8)	Nikam Kalyani Subhash	
9)	Sandeepkumar Pandit	
10)	Gangurde Rahul Dadaabhai	
11)	Desle Prasad Rajendra	
12)	Dighe Yogesh Ramkrushna	
13)	Bhoye Ajay Suresh	
14)	Bachhav Manoj Dilip	
15)	Borase Kajal Lokan	
16)	Wable Nikita Prakash	
17)	Sekot Vrusha Prabhakar	
18)	Shewale Pratiksha Vikram	

lecture delivered by -

  
 15/12/2017  
 Shinde Mahesh.  
 Minitec India Pvt Ltd.

<b>Activity 3:</b>	<b>Hands on training On “Arduino and Its Application”</b>
<b>Date:</b>	<b>21<sup>th</sup> December 2017</b>
<b>Objectives:</b>	<ol style="list-style-type: none"> <li>1. Introducing students with Arduino.</li> <li>2. Need of Arduino and Types of Arduino.</li> <li>3. Use of Arduino in embedded System.</li> </ol>
<b>Outcomes</b>	<ol style="list-style-type: none"> <li>1. student learn the Arduino board and how to install the software for Arduino.</li> <li>2. The student gets the knowledge to interface the LED, LCD, keyboard and sensors with a Microcontroller through an Arduino Board and a program for this.</li> <li>3. student understands the application of Arduino board in embedded system in daily use instruments.</li> </ol>
<b>Report:</b>	Our department of Electronic Science has organized one day “Hands on Training Workshop on Arduino and its Application”, for B. Sc. and M.Sc. Students on Tuesday, 21 <sup>th</sup> December 2017. A resource person, Mr. Prakash Ekhande (Emerging Technology, Nashik) explained what is Arduino? Software for programming Microcontroller using Arduino and its applications. And give a training of Arduino applications in embedded systems to our students.
<b>Photos:</b>	

**List of Students Participated in Hands on Training Workshop on Arduino and Its Applications:**

Mahatma Gandhi Vidyamandir's  
**LOKNETE VYANKATRAO HIRAY COLLEGE, PANCHAVATI, NASHIK**  
DEPARTMENT OF ELECTRONIC SCIENCE  
**ONE DAY WORKSHOP ON ARDUINO & ITS APPLICATIONS**  
ATTENDANCE REPORT-2017-18

Sr. No.	Roll No.	Name of Student	Contact Number	Signature
1		Nikam Smita Babu	8551874290	<i>Smita</i>
2		Nikam Kalyani Subhash	9130746623	<i>Kalyani</i>
3		Thete Tejashri Chandrakant	9762657620	<i>Thete</i>
4		Somvanshi Yogeshwari Nazkhan	8806403887	<i>Somvanshi</i>
5		Tayde Ankita Ramakant	7030182766	<i>Ankita</i>
6		Suta Nishka Babhakar	8625814159	<i>Suta</i>
7		Shewale pratiksha vikram	7725331944	<i>Pratiksha</i>
8		Borase Kajal Latam	2149428995	<i>Kajal</i>
9		Palve Deepali Kailas	7028926657	<i>Palve</i>
10		Wable Nikita Prakash	9881278493	<i>Wable</i>
11		Bachhav Manoj Dilip	7769006369	<i>Bachhav</i>
12		Dighe Yogesh Ramkrushna	9921511610	<i>Dighe</i>
13		Parke shubham nitin	7038289957	<i>Parke</i>
14		Akshay Lalit Borale	8600495539	<i>Akshay</i>
15		Bhoje Ajay Suresh	9765345772	<i>Bhoje</i>
16		GATEKAD DIGAMBAR KRUSHNA	7327276877	<i>GATEKAD</i>
17		Mali Tushar Vasudev	8421970511	<i>Mali</i>
18		Borse Rakesh Shankar	9579683003	<i>Borse</i>
19		Pawar Harshad Bhaskar	8856899077	<i>Pawar</i>
20		Navgare Hanustabh Somnath	9403514159	<i>Navgare</i>
21		Deore Rakesh Vithal	9370709219	<i>Deore</i>
22		Waghare Namdev Papsikar	9403568503	<i>Waghare</i>
23		Gangurde Rahul dadabhai	8805948912	<i>Gangurde</i>
24		Jadhav Prashant Dhanraj	9925224170	<i>Jadhav</i>
25		Sandeepkumar Pandit	8928772435	<i>Sandeep</i>
26		Mahapatra Mahendra Bhanu	8920915906	<i>Mahapatra</i>
27		Mulmule Amol Pradip	9158912865	<i>Mulmule</i>
28		Desale Prasad Jayendra	8830778126	<i>Desale</i>
29				
30				

*Prakash Ekhande*  
Prakash Ekhande  
9822563765

<b>Activity -4:</b>	<b>Hands on training On “Raspberry Pie”</b>
<b>Date:</b>	<b>10<sup>th</sup> March 2018</b>
<b>Objectives:</b>	<ol style="list-style-type: none"> <li>1. What are Raspberry Pie and its needs?</li> <li>2. How to program it.</li> <li>3. Use Raspberry Pie for the embedded system</li> </ol>
<b>Outcomes :</b>	<ol style="list-style-type: none"> <li>1. students learn the Raspberry Pie board and how to install the software.</li> <li>2. student gets the idea to interface the LED, LCD, keyboard and sensors with a microcontroller through Raspberry Pie and program for this.</li> <li>3. Learns use of Arduino board in embedded system in daily use instrument.</li> </ol>
<b>Report:</b>	Our department of Electronic Science has organized one day “Hands on Training Workshop on Raspberry Pie”, for B. Sc. and M.Sc. Students on Saturday, 10 March 2018. A resource person, Mr. Bhavik (FCT Pune) explained what is Raspberry Pie and its applications. And give a training of raspberry Pie in embedded system to our students.



**List of Students Participated in Hands on Training Workshop on Seminar on Raspberry Pie:**

Sr. No.	Name of Student	Sr. No.	Name of Student
1	TheteTejashree Chandrakant	18	Rahul D.Gangurde
2	Borase Rakesh Shankar	19	Mahakal Mahendra Bansu
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*U.P. Shinde*  
Prof. Dr. U.P.Shinde

Head  
Department of Electronic Science