**Shri R. L. T. College of Science, Akola**

**Department of Electronics**

**One week Students enrichment Programme taken by Department of electronics in the form Certificate course. This certificate divided into two Parts**

**Course 1 :-Certificate course in introduction of Analog and Digital devices.**

**We have taken 30 hours time period in a week to complete this course for the students of B.Sc II and B.Sc III. . Students of B.Sc II participated in the first course to identify analog devices like resistor ,capacitor and inductor. They identify their values and find their current and voltage ratings also in digital devices they should know the logic gates and ICs. After 30 hour completion we will taken their oral examination for identification of both the devices.**

**Syllabus :-**

**For Course 1**

Introduction to Resistors, Capacitors, Inductors and Transformers, Concept of ideal dc voltage and current source, Introduction to IC technology, advantages and disadvantages, Classification of ICs, Basic steps in fabrication of monolithic ICs, Fabrication of diode, resistor & transistor. Scale of integration upto V2LSI’,Basic concept of Embedded systems

. NOT, OR, AND, NAND, NOR gates (definition and truth table). EXNOR & EXOR gates

**Timetable for both the certificate Courses :-**

|  |  |  |  |
| --- | --- | --- | --- |
| **Day** | **Date** | **For Coruse 1 and 2** | **For Course 1 and 2** |
| **Monday** | **11/02/2020** | **9.00am. to 12.00pm** | **3.00pm to 6.00pm** |
| **Tuesday** | **12/02/2020** | **9.00am. to 12.00pm** | **3.00pm to 6.00pm** |
| **wednesday** | **13/02/2020** | **9.00am. to 12.00pm** | **3.00pm to 6.00pm** |
| **Thursday** | **14/02/2020** | **9.00am. to 12.00pm** | **3.00pm to 6.00pm** |
| **Friday** | **15/02/2020** | **9.00am. to 12.00pm** | **3.00pm to 6.00pm** |
| **Saturday** | **16/02/2020** | **9.00am. to 12.00pm** | **3.00pm to 6.00pm** |

**For Course 1 The following Students Enrolled**

|  |  |  |
| --- | --- | --- |
| Sr.No. | Name of the Students | Class |
| 1 | ARATI PRABHAKAR GOLE | B.Sc. II |
| 2 | ASHWINI SANTOSH GADGE | B.Sc. II |
| 3 | BHAGYASHRI KISHOR CHIKAR | B.Sc. II |
| 4 | DEVYANI GOPAL BAND | B.Sc. II |
| 5 | DHANASHREE MANGESH PADDAKHE | B.Sc. II |
| 6 | DIKSHA SANJAY INGLE | B.Sc. II |
| 7 | JANHAVI YASHWANTRAJ UJAWANE | B.Sc. II |
| 8 | KALYANI SHRIKRUSHNA PATIL | B.Sc. II |
| 9 | KHUSHBOO GANESH THAKARE | B.Sc. II |
| 10 | MADHURA MILIND KULKARNI | B.Sc. II |
| 11 | MADHURI AJABRAO MAHALLE | B.Sc. II |
| 12 | MAHIMA VISHNU MAHALLE | B.Sc. II |
| 13 | NIKITA DNYANDEO ASOLKAR | B.Sc. II |
| 14 | NIKITA RAJENDRA SONAWANE | B.Sc. II |
| 15 | PRAJAKTA UTTAM PARATE | B.Sc. II |
| 16 | PRERNA SHARAD GEDAM | B.Sc. II |
| 17 | RUSHALI GOPAL MHAISNE | B.Sc. II |
| 18 | RUTVIJA KIRAN DESHMUKH | B.Sc. II |
| 19 | SAKSHI PRANWANT BHAGWATKAR | B.Sc. II |
| 20 | SHRADDHA VIJAY TAPARE | B.Sc. II |
| 21 | SHREEYA JAYSING CHILHORKAR | B.Sc. II |
| 22 | SWATI SURENDRA LOKAHANDE | B.Sc. II |
| 23 | VAISHALI SANJAY SONTAKKE | B.Sc. II |
| 24 | VAISHALI VINAYAK CHOPADE | B.Sc. II |
| 25 | VAISHNAVI ASHUTOSH KULAT | B.Sc. II |
| 26 | VAISHNAVI GOPAL SONTAKKE | B.Sc. II |
| 27 | VAISHNAVI RADHAKISAN BHANDE | B.Sc. II |
| 28 | VAISHNAVI SANJAY PATIL | B.Sc. II |
| 29 | VAISHNAVI SUNIL INGLE | B.Sc. II |
| 30 | VARADA VIJAY BHUSARI | B.Sc. II |
| 31 | ABHISHEK GUNAVANT KAWALKAR | B.Sc. II |
| 32 | ADITYA SURESH GAWANDE | B.Sc. II |
| 33 | AKSHAY KISHOR SHEJOLE | B.Sc. II |
| 34 | KSHITIJ ASHOK TIWARI | B.Sc. II |
| 35 | MANTHAN DADARAO LIKHAR | B.Sc. II |
| 36 | MAYUR DNYANESHWAR MESARE | B.Sc. II |
| 37 | NIKHIL RAM PITALE | B.Sc. II |
| 38 | NIKHIL RAMDAS GITE | B.Sc. II |
| 39 | PAWAN DILIP MOHOD | B.Sc. II |
| 40 | PRAJWAL LILADHAR WAGHADE | B.Sc. II |
| 41 | PRAJWAL SAJJAN DHANDE | B.Sc. II |
| 42 | PRANAY GOKULCHAND TIWARI | B.Sc. II |
| 43 | PRASANNA PRASHANT KULKARNI | B.Sc. II |
| 44 | PRASHANT OMPRAKASH RATHI | B.Sc. II |
| 45 | PRASHANT VIJAY WAGHMARE | B.Sc. II |
| 46 | PRATIK KESHAO MALOKAR | B.Sc. II |
| 47 | PREM GAJANAN KHANDERAO | B.Sc. II |
| 48 | RAGHAV SARANG NIBANDHE | B.Sc. II |
| 49 | RUSHIKESH RAGHUNATH GHAWAT | B.Sc. II |
| 50 | SAGAR BANDU CHECHARE | B.Sc. II |

 

 









