

**STAFF PROFILE**

**Name :** Mr. AJAY V. RAIPURE  
**Designation:** HEAD OF DEPT.  
**Qualifications:** M.E. (Electronics Engg.), MBA  
**Area of Specialization:** Control system  
**Email- ID:** ajay\_raipure@yahoo.co.in

**Academic Performance:****(High School to Highest Qualification.)**

| Exam            | Passing Month & Year | Name & Address of College/School              | Board           | % Of Marks | Grade       |
|-----------------|----------------------|---|-----------------|------------|-------------|
| S.S.C           | March 1987           | HOLY CROSS CONVENT ENGLISH MEDIUM HIGH SCHOOL | NAGPUR          | 79 %       | DIST.       |
| H.S.C / Diploma | March 1989           | BIYANI SCIENCE COLLEGE                        | NAGPUR          | 76 %       | DIST.       |
| Degree          | April 93             | PRMIT & R , AMT                               | AMRAVATI        | 66 %       | FIRST CLASS |
| UG/PG           | 2006                 | PRMIT & R , AMT                               | AMRAVATI        | 64 %       | FIRST CLASS |
| MBA             | April 2013           | Savithri Bhai PulePune University             | Pune University | 72%        | Distinction |

**Experience :**

| TEACHING |             | INDUSTRIAL | TOTAL   |
|----------|-------------|------------|---------|
| PCP      | OTHER INST. |            |         |
| 22 yr    | ----        | 01 yr.     | 23 yrs. |

**Achievements (Qualis. fication upgradation, book publish, curriculam manual design)**

| Sr.No. | Achievement               | Details  |
|--------|---------------------------|--|
| 1      | Lab manual development    | Subject Expert for Third year subjects of Conventional Diploma Courses in Engineering and Technology |
| 2      | Qualification Upgradation | Completed MBA in 2013  |
| 3      | Books Published           | 04   |

**Number of Paper Published :**

| Paper Name   | Publication Details   | Date/Year of Paper Published |
|--|---|------------------------------|
| Design And Analysis of Optical communication for underwater Applications   | International Journal of Emerging Trends in Science and Technology  | June2015                     |
| Design and evaluation of map based control system for application of fert. | International journal of advanced research in electronics and communication engg.(IJARECE)ISSN 2278-909X vol.4, issue | April 2015                   |
| Design of control system for measurement of ph and ec of fert.             | IJREEIE ISSN: 2278-8875 VOL. 4 , ISSUE4   | April 2015                   |
| Conceptual model design for measurement of precipitation                   | IJETS ISSN : 2349-3976  | March 2015                   |
| Real time monitoring of crop growth using Soil moisture sensor             | International journal of advanced research in electronics and communication engg.(IJARECE) Vol4,issue4, April 2015    | April 2015                   |

**Number of Blogs Posts:**

| Sr.no | Blog Name                       |
|-------|---------------------------------|
| 1     | Research on Gravitational Waves |

**Award Winning :****Books/Journal/Magazine Published:**

| Sr. No | Books/ Journal Name/ Magazine   | Publication      |
|--------|---------------------------------|------------------|
| 1      | Communication System -1         | Nirali Prakashan |
| 2      | Communication System -2         | Nirali Prakashan |
| 3      | Advanced Industrial Electronics | Nirali Prakashan |
| 4      | Data Communication              | Nirali Prakashan |

**Conference/Seminar/Workshop/STTP/FDP Attended:**

| Sr. No. | Name   | Duration                 | Venue  |
|---------|--|--------------------------|--|
| 1       | FDP on "Internet of Things(IOT) using Amazon AWS                             | 07/06/2020 to 16/06/2020 | Finland Labs(A Unit of Revert Technology Pvt. Ltd. in association with National Social Summit,IIT Roorkee) |
| 2       | FDP on " C and Cpp"  | January 2020             | Shri Siddheshwar Women's Polytechnic College(Pune Region)  |
| 3       | National Level one week Online Faculty Development Program on "Python 3.4.3" | 04/16/2020 to 08/06/2020 | Sharad Institute of Technology ,Polytechnic,Yadav in association with Spoken Tutorial IIT Bombay           |

**PCPOLYTECHNIC NIGDI ,PUNE**

|    |   |   |   |
|----|---|---|---|
| 4  | FDP on “ Scilab”  | 24/05/2020 to 28/05/2020                                | Pimpri Chinchwad Polytechnic ,Pune in association with Spoken Tutorial IIT Bombay |
| 5  | State Level Online Quiz Competition on “ World Telecommunication Day”             | 17/05/2020  | Rajashri Shahu College of Engineering Tathawade,Pune                              |
| 6  | State Level Online Quiz Competition on “ Electronic Fundamentals ”                | May 2020  | Pimpri Chinchwad Polytechnic  |
| 7  | State Level Online Quiz Competition on “Fundamental of Electronics”               | 20-06-2020  | TPCT’S College of Engineering ,Osmanabad  |
| 8  | Recent Advances in Nanostructure Materia & Applications                           | 1 day (17 <sup>th</sup> Jan 2015)                       | RSCOE,Tathwade,Pune   |
| 9  | Embedded system   | 1 week  | Sau. Venutai poly.Pune  |
| 10 | Induction training phase 1  | 2 weeks days  | NITTR   |
| 11 | Microcontroller and its applications  | 1 week  | BVJNIOT, Pune   |
| 12 | Induction training phase 2  | 2 week  | BVJNIOT , Pune  |
| 13 | National Conference on Emerging Technologies and Applications                     | 2 Days( 1 <sup>st</sup> and 2 <sup>nd</sup> October)    | Saurashtra University,Rajkot.   |
| 14 | A Two day state level Seminar on Modern trends in Digital Instrumentation         | 2 days  | Bharati Viyapeeth College of Engineering,Navi Mumbai                              |
| 15 | International Conference on Computer Science and Information Technology           | 2 days(17 <sup>th</sup> and 18 <sup>th</sup> Sept 2010) | R.L.Jalappa Institute of Technology,Bangaluru                                     |
| 16 | Workshop on Reconstructing of Laboratory Manuals of third year Electronics stream | One day(8/9/2004)                                       | BVJNIOT, Pune   |

**Extra Co-curricular Activities:**

|    |  |   |
|----|--|---|
| 1  | <b>Officer In-Charge</b>               | Officer In-charge of Pimpri Chinchwad Polytechnic college, for Maharashtra State Board of Technical Education (MSBTE) Theory Exam – Summer 2014, Winter 2013. |
| 2  | <b>RAC Officer In-Charge</b>           | RAC- Regional Assessment Centre (PCP) for Maharashtra State Board of Technical Education MSBTE Theory Exam Winter 2008,Summer 1998, W 2016, S-2017            |
| 3. | <b>Controller of MSBTE Theory Exam</b> | Appointed by RBTE for 5 examinations viz. summer-2007, Winter 2003, , Summer 1999, summer 1998,Winter 2013.   |
| 4. | <b>Paper setter</b>                    | MSBTE- for various subjects.  |
| 5. | <b>Subject expert</b>                  | Subject expert for Preparing model answer paper – MSBTE   |
| 6  | <b>Moderator</b>                       | MSBTE theory exam RAC   |
| 7. | <b>External vigilance squad</b>        | External vigilance squad for msbte exam   |
| 8. | <b>Workshop conducted in dept.</b>     | Two STTP programs conducted by dept.  |

|     |   |   |
|-----|---|---|
| 9.  | <b>Inter college paper presentation competition</b> | Organised inter college competition every year .                          |
| 10. | <b>ISTE</b>   | LIFE MEMBER   |
| 11. | <b>Judge</b>  | DIPEX AND SPARKLE AT SVCP.  |
| 12. | <b>OFFICER IN CHARGE</b>                            | DISTRIBUTION CENTER.  |
| 13  | <b>Lab manual development</b>                       | Subject Expert for Third year subjects of Conventional Diploma Courses in |
|     |   | Engineering and Technology  |
| 14  | <b>ARC</b>  | Councelling Committee member ARC 2015-16,ARC 2016-17                      |
| 15  | <b>Certifed Internal Auditor ISO</b>                | <b>Certifed Internal Auditor ISO by Shree Consultants -Nashik</b>         |

**Research &Development Work:**

- **Three Way Access Control System**
- **Survey Study of Effluent Treatment Plant**