

**Project List 2013-14**

| <b>Sr No</b> | <b>Project Group</b>      | <b>Guide</b>               | <b>Project Sponsored By</b>  | <b>Project Title</b>   |
|--------------|---------------------------|----------------------------|------------------------------|--|
| 1            | Ms Latika yadav           | Dr B P Patil               | Rajdeep Infotech             | Vehicular Traffic management for hilly areas using Electronic Toll                       |
|              | Ms Welly Saxena           |                            |                              |  |
|              | Ms Akshi Chaudhary        |                            |                              |  |
| 2            | Mr Akshay Dekate          | Prof Surekha K S           | Horizon technology, Pune     | Domotics   |
|              | Ms Anam Kamal             |                            |                              |  |
| 3            | Ms Akansha Tripathi       | Prof D G Auradkar          | Bharat Forge P LTD, Pune     | Automatic Torque operator  |
|              | MS Anshu Roy              |                            |                              |  |
|              | Ms Mahal Raj Singh        |                            |                              |  |
| 4            | Mr Abhishek Singh         | Prof G R Patil             | Inhouse                      | Study and implomentation of MIMO OFDM for wireless communication                         |
|              | Ms Anisha Sood            |                            |                              |  |
|              | Ms Amrutha B              |                            |                              |  |
| 5            | Mr Anubhav Dahia          | Prof J B Jawale            | Inhouse                      | Implimentation of fusion techniques in multimodel biometric system for human recognition |
|              | Mr Deepak Yadav           |                            |                              |  |
|              | Mr Harsh Dandona          |                            |                              |  |
| 6            | Mr Sunil Kumar            | Prof S R Wadar             | Bharat Forge P LTD Pune      | GUI development for RHMC used in nuclear power plant                                     |
|              | Mr Abhishek Mitra         |                            |                              |  |
|              | Mr Shrihari Nimbalkar     |                            |                              |  |
| 7            | Mr Farman Khan            | Prof Vijay Kr Karra        | Bharat Forge P LTD Pune      | Range Resolution of FMCW RADAR   |
|              | Mr Ankit Singh            |                            |                              |  |
|              | Mr Ankit Dhiman           |                            |                              |  |
| 8            | Ms Aditi Rana             | Prof Avinash Patil         | ARDE Pune                    | Quadrotor Unmanned aerial vehical  |
|              | Ms Anuradha Rautela       |                            |                              |  |
|              | Mr Purushottam B          |                            |                              |  |
|              | Mr B Abinash Kumar        |                            |                              |  |
| 9            | Ms Rupa Chandra           | Prof Archana Chougule      | Inhouse                      | Health Monitoring System Using GSM   |
|              | Ms Puja Verma             |                            |                              |  |
|              | Ms Asha Rathi             |                            |                              |  |
| 10           | Mr Evin K Ealias          | Prof Renuka Bhandari       | Bharat Forge P LTD Pune      | Controlling of Remote head module carrier  |
|              | Mr Arvind singh Shekhawat |                            |                              |  |
|              | Mr Atul Kumar Singh       |                            |                              |  |
| 11           | Mr Anish Kumar Singh      | Prof Preeti Warriar        | Inhouse                      | Public Convenience System for Temple   |
|              | Mr Anupam Dixit           |                            |                              |  |
|              | Mr Dinesh Kumar           |                            |                              |  |
| 12           | Mr Amit Kumar Jha         | Prof Girish Kapse          | Inhouse                      | Automatic Cleaner ROBOT  |
|              | Mr Anirudh Kaushik        |                            |                              |  |
|              | Mr Abhishek Pandey        |                            |                              |  |
| 13           | Mr Ashwini Tiwari         | Prof Rajashree Suryawanshi | Blind Training School        | Digital Eye For Blind Persons  |
|              | Mr Manjyot Singh          |                            |                              |  |
|              | Mr Ajay Singh             |                            |                              |  |
| 14           | Mr Ashwini Kumar Pundir   | Prof Archana Rani          | BEL, Pune                    | Touch Screen Based Controller of Security  |
|              | Mr Harsh Ahaluwalia       |                            |                              |  |
|              | Mr Abhilash Panda         |                            |                              |  |
| 15           | Mr Mohit Kumar            | Prof Rajesh Bhawe          | Vedang Radio Systems, Mumbai | In-Building Solution   |
|              | Mr Karan Singh            |                            |                              |  |
|              | Mr Manbeer Singh          |                            |                              |  |
| 16           | Mr Akash Sharma           | Prof Snehal Marathe        | 512, Pune                    | Automated Test jig For Memory Card Using E- Mail   |
|              | Mr Akshat Pant            |                            |                              |  |

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|              | Mr Karan Singh         |                       |                             |  |
| 17           | Mr Manoj Kumar         | Prof Avinash Patil    | Bharat Forge P LTD Pune     | Manipulator ROBOTIC Arm  |
|              | Mr Kamal Mehara        |                       |                             |  |
|              | Mr Jitender Singh Rana |                       |                             |  |
| 18           | Mr Ashish Kumar Nayak  | Prof S R Wadar        | Bharat Forge P LTD Pune     | FMCW Radar System  |
|              | Mr Sunil Bhardwaj      |                       |                             |  |
|              | Mr Rahul Pawar         |                       |                             |  |
| 19           | Mr Manasvi Mishra      | Prof G R Patil        | 512, Pune                   | Complexity And Performance Evaluation of Detection Schemes For Spatial Multiplexing MIMO |
|              | Mr Kshitij Yadav       |                       |                             |  |
|              | Mr Amandeep Singh      |                       |                             |  |
| 20           | Mr Nitesh Lochhab      | Prof Shilpa Pawar     | Inhouse                     | Detection of Buried Metal Objects Using GPR  |
|              | Mr Ankit Dash          |                       |                             |  |
|              | Mr Mukul Gupta         |                       |                             |  |
|              | Mr Jitendra Kumar      |                       |                             |  |
| 21           | Mr Niraj Singh         | Prof Vaijayanti Panse | ARDE                        | Design integrated SCB chip for explosive initiation                                      |
|              | Mr Pradeep Kumar       |                       |                             |  |
|              | Mr Ravinder Kumar      |                       |                             |  |
| 22           | Ms Pooja Rai           | Prof S R Wadar        | Inhouse                     | E-attendance book  |
|              | Ms Pratima Khushwa     |                       |                             |  |
|              | Mr Abhishek Rai        |                       |                             |  |
| 23           | Mr Rahul Kumar         | Prof Vijay Kr Karra   | Inhouse                     | Voice Controlled ROBOT   |
|              | Mr Sandeep Yadav       |                       |                             |  |
|              | Mr Sunil Rai           |                       |                             |  |
| 24           | Mr Pravind Kumar       | Prof Vijay Kr Karra   | Inhouse                     | Student security system based on face recognition  |
|              | Mr Nilay Jain          |                       |                             |  |
|              | Mr Atul Salgar         |                       |                             |  |
|              | Mr Uday Khan           |                       |                             |  |
| 25           | Mr Nisar Patel         | Prof D G Auradkar     | Bharat Forge P LTD Pune     | Push Pull Mechanism for highly reliable System   |
|              | Mr Ashok P             |                       |                             |  |
|              | Mr Saransh Mehta       |                       |                             |  |
| 26           | Mr Rahul Tiwari        | Prof Renuka Bhandari  | Inhouse                     | Secured Patient Health Monitoring System Using ZIGBEE                                    |
|              | Ms Neetu Rout          |                       |                             |  |
|              | Ms Purnima             |                       |                             |  |
| 27           | Mr Ankit pundhir       | Prof S R Wadar        | Inhouse                     | Programmable Electronic delay Detonator  |
|              | Mr Mukesh Rawat        |                       |                             |  |
|              | Mr Rajesh Tiwari       |                       |                             |  |
|              | Mr Sagar Khajure       |                       |                             |  |
| 28           | Mr Nikhil Kurup        | Lt. Col R Bhawe       | Bharti Airtel Ltd           | Data user assistant program for mobile broadband user                                    |
|              | Ms Shubra Banerjee     |                       |                             |  |
|              | Ms Seema Bisht         |                       |                             |  |
| 29           | Ms Priyanka Tyagi      | Prof Vaijayanti Panse | Josh Software               | Eye motion controlled automatic wheelchair(using raspberrypi)                            |
|              | Ms Seema Jha           |                       |                             |  |
|              | Ms Shivangi Yadav      |                       |                             |  |
| 30           | Mr Sumit Ojha          | Prof Archana Chougule | Inhouse                     | Implementation of abandoned objects detection in real time environment                   |
|              | Mr Ravikant Mishra     |                       |                             |  |
|              | Ms Pooja Kumari        |                       |                             |  |
| 31           | Mr Rutika Desai        | Prof Archana          | Inhouse                     | Offline Signature Verification   |

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|              | Mr Simernjeet Singh<br>Ms Kamalpreet Kaur  | Chougule                   |                              |  |
| 32           | Ms Preeti Rai<br>Ms Upasana Bansal<br>Ms Shreya Gupta                            | Prof Surekha K S           | AIRTEL                       | CUDA Based Character recognition using skeletonization |
| 33           | Ms Prem Kumari<br>Ms Sofiya<br>Ms Prajkata Khorate                               | Prof Snehal Marathe        | ARDE                         | RF Proximity Fuze For MORTAR Ammunition                |
| 34           | Mr Rajkumar mali<br>Mr Sandip Tomar<br>Mr Pankaj malav                           | Prof Surekha K S           | Inhouse                      | ECG Signal Acquisition And Transmission on PC          |
| 35           | Mr Rajat Ahalawat<br>Mr Rakesh Bahuguna<br>Mr Ranjeet Hada                       | Prof Rajashree Suryawanshi | Inhouse                      | GPS Contrlled navigation                               |
| 36           | Mr Rakesh Kumar Jha<br>Mr Naresh Sangwan<br>Mr. Pawan Kumar<br>Mr Vineet Satpute | Prof Rajesh Bhave          | Vedang Radio Systems, Mumbai | Network Optimization And Coverage Mapping              |
| 37           | Mr Nishit Thaplyal<br>Mr Lokesh Balodi<br>Mr Sharang Joshi                       | Prof Girish Kapse          | R&DE                         | Weight Distribution Analysis of Prosthetic Limb        |
| 38           | Mr Sandeep Chakravartty<br>Mr Anand Shekhawat<br>Mr Sanket Nipane                | Prof Renuka Bhandari       | Bharat Forge P LTD Pune      | Laser Allignment System                                |
| 39           | Ms Shifa Khan<br>Ms Rekha Gautam   | Prof Renuka Bhandari       | Inhouse                      | Student Security System                                |