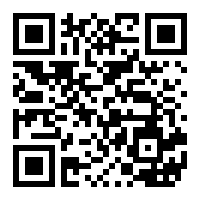
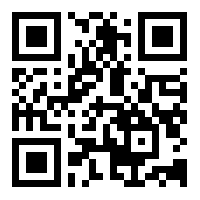
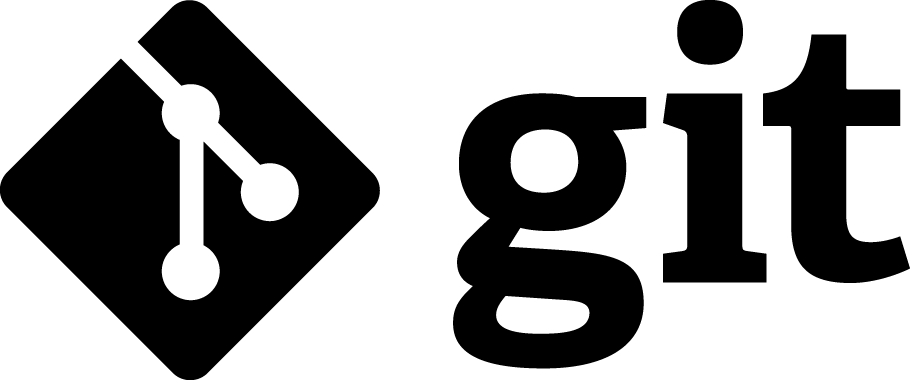


monu@abhaysv.co.in abhay\_sanjay@srmuniv.edu.in 8447750105

SRM Innovation And Incubation Centre, 5th Floor, BEL Block, SRM Inst. Of Sci. & Tech. , KTR, TN - 603203

Abhay SV

Electronics & Communication Engnr. | Robotics & Automation Research | Product Dev.

|  |  |
| --- | --- |
| Academic Summary | * Pursuing B.Tech in E.E.E from SRM Inst. of Sci. and Tech. KTR, Chennai * CBSE, Class 12th pass out from K.V. RK Puram, Delhi with 70.4 % * CBSE, Class 10th pass out from K.V. RK Puram, Delhi with CGPA 9 |
| Skills | * Electronic circuit designing, prototyping, testing, debugging, wiring. * Proficient in EAGLE and Ki CAD EDA Tools. * Proficieint in C++ , PHP, JavaScript , Python , MATLAB and other programming Tools. * Technical sketching and concept developing. * Fabrication of circuit boards and mechanical parts for primary and sub systems. * Overall system integration and servicing. * Technical and End user training for designed systems. * Documentation and Technical manual developer. * Aesthetic & compact designing. |
| Experience | * Head of Systems and IT Operations at MHRD Innovation Cell - SRM Innovation and Incubation Center * Team Lead and Designer at Electronics division,Team Robocon. * System layout and integration sequence designer. * Fabricator and Supervision at Mechanical Division , Team Robocon. * Design and Development of Two stage Electro- Pneumatic Delta Style Robot. * Design and Development of avionics of Unirotor Flying System major project. * Design and Development of Non Combustible Chemical Thruster major project. * Design and Development of Linear Servo type remote CNC machine minor project. * Design and Development of Sensory Devices Multiutility project. * Design and Development of 2016 Carbon Fiber Hybrid Bot. * Design and Development of 2017 Al-Y-Drive Bot. * Design and Development of Robocon 2017 RBC Bot. * Design and Development of Robocon 2018 Autonomous Bot. * Design and Development of Robocon 2018 WiFi controlled Manual Bot. |
| Publications | * Research paper on “An Efficient Design Approach for Implementation of 2 Bit Ternary Flash ADC Using Optimized Complementary TFET Devices” IEEE Conference 2019 on VLSID. * Research paper on “Semiconductor Embedded PCB Manufacturing Technique” under review by IEEE. |
| Ongoing Works | * Universal heavy duty motion controller for all Rotary and Linear Motors. * Plug n Play devices for home appliance and peripheral automation. |