**APURV AGRAWAL**

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# EDUCATION

## Krishna Institute of Engineering and Technology (KIET), Ghaziabad (UP) June 2017

(Dr. A.P.J.A.K.T.U) B.Tech Percentage: **75.88**

Electronics and Communication Engineering

## St. Francis Inter College, Hathras (UP) May 2012

(CBSE) Class 12th Percentage: **80.60**

## St. Francis Inter College, Hathras (UP) May 2010

(CBSE) Class 10th Percentage: **76.00**

# TECHNICAL SKILLS

* Basics of C
* NI LabVIEW
* Proteus

# PROJECTS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.NO.** | **PROJECT** | **TEAM SIZE** | **ROLE** | **MATERIAL**  **USED** | **INNOVATION** |
| **1.** | |  | | --- | | Solar Panel Monitoring and Controlling Using NI LabVIEW  ***(Sept 2016 to May 2017)*** | | 4 | Team Lead | * Solar Panel * myDAC * WSN Nodes | * Chronological Tracking |
| **2.** | Energy Efficient Florescent Tubelight Using Triangular Reflector Sheet  ***(Oct 2015 to Jan 2016)*** | 3 | Team Leader | * WSN Nodes * Intensity Meter * Al Sheet | **o** Design and Placement of Reflector |
| **3.** | Energy Production Using Reciprocating type Wind Energy Harvester System ***(June 2015 to March 2016)*** | 4 | Ideator | * Diaphragm * Gear System * Dynamo | * Energy Generation From Hoardings and Bill Boards * Free From Betz Law |
| **4.** | Energy Production And Drag Reduction In Vehicles By Duct Connected Turbine  ***(Jan 2015 to March 2015)*** | 4 | Design Head | * Dynamo * Modular Truck * SMD’s | * Arrangement of Duct Turbine System * Drag Reduction System |
| **5.** | Energy Production In Automobile Vehicles Through Rim Mounted PZT Benders ***(Oct 2014 to March 2015)*** | 2 | Leader, Technical Head | * Piezoelectric * Rectifier * Amplifier | * Placement of PZT Benders * Fabrication of PZT |

# EXPERIENCE

* + Working as **Software Analyst** in **Capgemini India**, Pune **From Dec-2017**
  + Worked as **Network Executive** at **Bharti Airtel Limited**, Gurugram, Haryana **Feb-Dec 2017**
  + Fabricated a Project under Guidance of **Professors** and **Ph.D. Scholars** at **IIT Bombay Labs Mar-2015**

**RESEARCH AND PAPER PRESENTED**

* Presented a Paper on “*Energy Production In Automobile Vehicles Through Rim Mounted PZT Benders*” in

**IEEE Supported National Conference** at ABES College, Ghaziabad **Feb-2015**

* Published Research Paper on Energy Efficient Smart Tubelight Technology using NI LabVIEW **Dec-2016**

**http://www.ijetae.com/files/Volume6Issue12/IJETAE\_1216\_34.pdf**

* Examined the behavior of **Nd-YAG laser** on **HP LaserJet Printed Paper** for Inventing, The “**Un-printing Technique” Nov2013–July 2016**

# TRAINING

* Gained knowledge of **SPV (Solar Photo-Voltaic) Cell, RADAR Element (Phase Shifter)** and **Piezoelectric**

manufacturing and their working at **Central Electronics Limited (CEL)**, Sahibabad (UP) **June-July 2016**

* Learned about the **Sensors** used and their **working** at **NTPC**, New Delhi, India **June-July 2015**

# ACADEMIC HONOURS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **VENUE** | **COMPETITION** | **ACHIEVED** | **REWARDS** | **DATE** |
| **IIT KANPUR-** | Innovation In Manufacturing Practices- IMP’16 (National Level) | **1st position** | **Rs. 1,00,000/-** | Mar-2016 |
| **TECHKRITI’16** |
| **IIT BOMBAY-** | MAKE IN INDIA Week- Energy Category | **Among Top-10** | **Participation** | Feb-2016 |
| **HACKATHON’16** |
| **KIET,** | Innovation Idea for Social Welfare-2015 | **1st position** | **Institute Level** | Nov-2015 |
| **UDDESHHYA’15** | **Prize** |
| **IIT ROORKEE-** | “IDEAZ-EC” | **1st position** | **Rs. 11,000/-** | Mar-2015 |
| **COGNIZANCE’15** |
| **IIT KANPUR-** | All India Student Research Convention-AISRC (National Level) | **1st position** | **Rs. 35,000/-** | Mar-2015 |
| **TECHKRITI’15** |

**CO-CURRICULAR ACHIEVEMENTS**

* + **First Prize** in **Musical Theater** at Institute level and Departmental level, KIET **Oct-2015**
  + **First prize** in **Technical Paper** Presentation at College Techfest **Oct-2014**
  + **First prize** in **Innovative Project Ideas** competition at EPOQUE, KIET **Mar-2014**
  + **First prize** in **Group Discussion** in Applied Science Department, KIET **Sept-2013**

# MANAGEMENT SKILLS

* + Coordinated (from KIET) National level Inter College quiz competition at Ideal College of Engg.,

Ghaziabad **Oct-2015**

* + **Directed** and **Acted** in a Mime Drama Comprising a Team of 8 members, KIET **Sept-2015**

# INTERESTS

* + Digital Electronics
  + NI LabVIEW
  + Renewable Energy

# OTHERS

* + Un-Ceremonial Dancing
  + Cooking