

KUNAL KISHORE SAHU

Kamal Nivas, Shaktinagar 2nd lane
Berhampur,
Odisha-760001

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OBJECTIVE : To secure a position where I can effectively use my skills and apply my knowledge in practical use for the growth of organization and for public welfare.

EDUCATION :

| Degree | College/School | University/Board | Passing Year | Passing Percentage |
|---------------|------------------------------|------------------|--------------|--------------------|
| B.Tech. | NIST, Berhampur | BPUT | 2020 | - |
| Intermediate | Kendriya Vidyalaya Berhampur | CBSE | 2016 | 75 |
| Matriculation | Kendriya Vidyalaya Berhampur | CBSE | 2014 | 93 |

Awards and Achievements :

- 1st position in Embedded Hardware Modeling-Repository Inspection, Sankalp 2018, NIST Berhampur, 02/2018.
- 2nd position in the event –Aciequor, in National Students Space Challenge , ISRO, IIT, Kharagpur, 10/2018.
- Qualified in DST and Texas Instruments India Innovation Challenge Design Contest 2018, IIM Bangalore.
- 3rd position in the theme Nutty Squirrel , e-YRC-2018 , IIT Bombay , 29/03/2019.

Projects :

- Fully Autonomous Line Follower using PID algorithm ,which can detect different colors and sound frequencies and traverse its path, NSSC- ISRO,IIT kharagpur,10/2018.
- Simulation of Smart traffic light using 8051 microcontroller in Proteus-certification project, CTTC, Bhubaneswar,06/2018.
- PWM circuit, SPHO, BPUT, 03/2018.
- Dual Axis Solar Tracker without using microcontroller, Sankalp,NIST ,Berhampur 02/2018.
- Smart Museum, monitoring different parameters-temperature, humidity, quality of air, date, time and real time Data logging ,Sankalp ,NIST,Berhampur,02/201.
- Built a robot and a lift mechanism to pick and deposit the nuts at designated zones using path planning algorithm to deposit the nuts at deposit zones, e-YRC-2018 , IIT-Bombay , 29/03,2019.

TRAINING AND INTERNSHIP :

- Certification course on Embedded systems , at CTTC, Bhubaneswar, 01/06 /2018 -31/06/2018 .
- Certification course on Programmable Logic Controller , at CTTC,Bhubaneswar, 01/06 /2018-31/06/2018 .

- British English Council- Certified -Preliminary,07/2017.
- Attended 1 day Workshop on Internet of Things(IoT), at IIT-Kharagpur, by Robonext 07/2017 .
- Certification course on Introduction to Oracle 11g:SQL at, NIST, Berhampur, 05/2017 .

TECHNICAL SKILLS :

•Simulation Softwares

PSPICE, TINA, Microsoft Office, Proteus

•Programming Languages

C, C++

•Others

Arduino , Keil Microvision , Latex , Atmel Studio , Oracle 11g

SOFT SKILLS :

- Leadership, Hardworking, Punctual, Practical and Logical Approach, Dedication, Quick Learner, Working under Pressure

EXTRA-CURRICULAR ACTIVITIES :

1. Secured 3rd rank with Bronze medal in 15th - National Science Olympiad ,9th standard,conducted in Asia during 11/ 2012.
2. Participated in National Level Science Talent Search Examination(nstse) and secured 62 percentage with All India Rank '4824', 27/01/2013.
3. Secured 2nd rank in quiz competition "BHARAT KO JANO",10th standard, 01/09/2013.
4. 'A' Certificate holder in National Cadet Corps(NCC),Ministry of Defence,2013.
5. Participated in 21st National Children 's Science Congress on focal theme ENERGY: Explore, harness, conserve, at K.V.BBSR, 03/10/2013.