**NIKHIL GAURAV**

S/o Nakul Prasad

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**CARRIER OBJECTIVE**

Looking for a challenging career which demands the best of my ability in terms of technical and analytical skills and helps me in broadening and enhancing my current skill and knowledge.

**EDUCATIONAL SUMMARY**

* **GATE 2016** qualified with **AIR 1498.**
* Pursued M.Tech in Industrial Drives & Control from Chhattisgarh Swami Vivekanand Technical University.
* Pursued B.E. in Electrical and Electronics Engineering from Chhattisgarh Swami Vivekanand Technical University.
* Sound knowledge of MATLAB/SIMULINK.
* Good communication skills.
* Consistently good academic record.
* Completed the major project in , “Control System Based Home Automation”.
* Completed the major project in, “Design of Snubber Circuit to minimize the Switching and Conduction Losses in a Boost Converter”.

**EXPIRENCE:**

* Currently working with The Gate Academy, Banglore on the Position of “**Subject Matter Expert(On Contract).”** From **20th September 2018** till date.

**EDUCATIONAL QUALIFICATION**

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| --- | --- | --- | --- | --- | --- |
| S.No. | Course/Discipline | University/Board | Name of institute | Year of passing | Percentage (%) |
| 1. | M.Tech (Industrial Drives & Control) | Chhattisgarh Swami Vivekanand Technical University, Bhilai | Bhilai Institute of Technology, Durg, Chhattisgarh | 2017 | 79.13 |
| 2. | B.E. (Electrical And Electronics Engineering) | Chhattisgarh Swami Vivekanand Technical University, Bhilai | Rungta College Of Engineering And Technology, Bhilai, Chhattisgarh | 2013 | 66.92 |
| 3. | 12th | C.B.S.E | Krishna Public School, Bhilai, Chhattisgarh | 2009 | 74.8 |
| 4. | 10th | C.B.S.E | D.A.V. Public School, Bhatgaon | 2007 | 71.8 |

**ACADEMIC ACHIEVEMENT**

Pursued M.Tech. with ‘Honours’ degree & also completed B.E with ‘1st division’ degree and having consistent good result.

**AREA OF INTEREST**

* Power Electronic
* Control System
* Network and Synthesis

**ACADEMIC PROJECT**

MAJOR PROJECT (B.E)

**Control System Based Home Automation**

Home automation refers to the use of computer and information technology to control home appliances and features (such as windows or lighting). Systems can range from simple remote control of lighting through to complex computer/micro-controller based networks with varying degrees of intelligence and automation. Home automation is adopted for reasons of ease, security and energy efficiency.

MAJOR PROJECT (M.Tech.)

**Design of Snubber Circuit to minimize the Switching and Conduction Losses in a Boost Converter**

As an advent in semi-conductor devices, the power electronic based system support the electrical system. But keeping in mind about efficiency these devices are having losses in it so the efficiency of whole system is decrease. So a re-vamp circuit of boost converter with an application of snubber circuit is designed such that losses are reduced .

**VOCATIONAL TRAINING**

* Industrial Automation Training on programmable logic controller (PLC) S7-300 by Industrial Electronics and Automation Training center, Mumbai.
* Training and report on Lab View by Micro Pro Company
* On 220/132 KV Sub-Station & Equipment’s under sub-station division Chhattisgarh state power transmission Co. Ltd., Bhilai.

**EXTRA CURRICULAR ACTIVITES AND ACHIEVEMENTS**

* Participated a paper in 2017 IEEE International Conference.
* Participated in national conference BITCON 2017 and BITCON 2016.
* Attended a National Workshop on Impact of Industrial Innovations on Technological Development of C.G held at BIT durg.
* Attended a workshop on PCB designing.
* Qualified Graduate Aptitude Test in Engineering.

**HOBBIES AND INTEREST**

* I’m keen about learning the new things especially related to core area.
* Avid of playing pc games.

**DECLARATION**

All the information furnished above are true to my knowledge.