

RESUME

Name : Karthik Singh Parihar
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OBJECTIVE

To work in organization which offers me the opportunity to make proper use of my skills, enhance them and grow as a thorough professional.

ACADEMIC PROFILE

Post-Graduation (Master of Technology 2014-16):

Institute: Indian School of Mines, Dhanbad.
Subject: Power electronics and electrical drives.

SEMESTER	Sem 1	Sem 2	Sem 3	Sem 4
GPA	8.12	7.5	7.48	10
CGPA	8.12	7.83	7.71	8.3

Under Graduation (Bachelor of Technology 2009-13):

Institute: College of Engineering Roorkee,
Uttarakhand Technical University, Dehradun.
Subject: Electrical and Electronics Engineering.

Year of Passing	Agg. Percentage
June 2013	64.00

Class obtained: First Division

Senior Secondary & Higher Secondary Examination:

Exam	School	Board	Percent age	Year of Passing
H.S.C	S.T THERESA KGM	C.B.S .E	67.00%	2009
S.S.C	S.T THERESA KGM	C.B.S .E.	70.00%	2007

PROJECTS

- Transformer oil temperature monitoring device.
- Study of different FACTS devices used in a power system.
- Studying the effects of compensators in power system.
- Comparing different parameters like steady state stability, transient stability and voltage improvement with and without compensators.
- Implementing the SVC and STATCOM in a IEEE 14-bus power system to improve voltage profile at weak buses (using PSAT).

TECHNICAL PROFICIENCY

- **Software's used:** Matlab/Simulink , PSAT.
- **Area of Interest:** Power transmission, Power system stability, Electrical machines, Protection system.

Industrial Training

- Tata motors SIDCUL Pantnagar, studied the working of maintenance dept.
- Minda electric SIDCUL Pantnagar, studied the automation of the substation.

ACHIEVEMENTS

- Participated in swimming, football, cricket tournaments in Roorkee and Dhanbad Universities.
- AIR 20 in ISM-Entrance Exam-2014.
- Gate score 488 (2014).

PERSONAL DETAILS

Date of Birth: 30th Mar, 1992
Gender: Male
Known Languages: English, Hindi
Hobbies: Football, basketball and Adventure sports

REFERENCES

- ☒ **Dr. Pradip Kumar Sadhu (HOD Electrical dept. ISM Dhanbad)**
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- **Dr. Biplab Bhattacharaya (Asst. professor elect dept. ISM Dhanbad)**
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