

Homagni Saha

Personal details

Contact Information

- Mobile number
- +1-515-357-2959
- Current location : Ames/IA
- mail:
homagnisaha@gmail.com
- Date of birth : 10/07/1994

Permanent address

- Apt no. 6, Alpine Manor Apartment
- 1201 North Dakota Avenue
- Ames
- IA, 50014

Parents Information

- Father : Dr. Asit Kumar Saha, Professor
- Mother: Mrs. Sumana Saha, Writer.

Mission

- To acquire both the basic and advanced knowledge of mechanical engineering and apply them for the benefit of mankind.
- To do quality research in the field of robotics and take leading role as a teacher/ scientist to contribute hugely for the development of our society as well as our globe as a whole.

Education

- Just completed B.Tech. in Mechanical Engineering from National Institute of Technology, Rourkela. CGPA 9.13 based on web result , 2nd June, 2016.
- Higher Secondary (10+2) in pure science from Don Bosco High School, Liluah, under ISC Board, New Delhi, 91% marks, 2012.
- Secondary (10th Standard) from The Assembly of God Church School, Haldia, under ICSE Board, New Delhi, 93.4% marks, 2010.

Training

- Tata Steel Ltd. (May, 2015 — July, 2015), Summer Intern. Observation project at spares manufacturing department. Prepared reports for various jobs performed at assembly section, Suggested improvements for gearbox testing facility.
- Mitsubishi Chemical Corporation (June 2014 — July 2014)-Industrial Visit. Observed working of the MCCPTA plant, studied various relevant equipment and industrial processes.
- Certified training course on CAD software- Solidworks from MSME tool room, Kolkata.
- Certified training course on CAE software- ANSYS from MSME tool room, Kolkata. Indian Classical Music, completed successfully with distinction (up to 3rd year).

GRE/ TOFLE

- GRE score 322
- TOFLE score 116

Achievements

Among top 10 percentile in the department batch on basis of CGPA of 9.13 out of 10.

Winner of HDFC bank Meritus Scholarship, 2009.

Winner of INFOSYS Foundation-ISCA Travel Award during 96th Indian Science Congress, at NEHU, Shillong, 2009.

Certificate of merit for securing 82.0% in elective subject class XI, Don Bosco School, Liluah.

Certificate of merit for being runners up in Thinker 4.11 contest, Don Bosco School, Liluah.

Certificate of merit for being second in class X, Assembly of God Church school, Haldia.

Certificate of merit for being third in class V, Bharatiya Vidya Bhavan, Haldia. % in elective subject class XI, Don Bosco School, Liluah

Extracurricular activities

- Founding member of "Tiburon", a group fabricating underwater autonomous vehicles at NIT Rourkela Zonal level winner at ROBOTRYST-2014, national robotics championship
- Developed a humanoid robot in robotics lab, NIT Rourkela
- Attended training program on automobiles by AUTONEXT .
- Winner of inter hall Kabadi, 2012-13.
- Vocal music 3rd year completed with distinction.

Computer & other skills

- Good programming skills, experience in ARDUINO, ATMEGA and related microcontrollers.
- Experience in designing and modelling using computer aided design software.
- Experience in image processing using OPENCV.
- Good communication skills and leadership quality Confident, Creative, Good listener
- Analytic and reasoning skills

Publication / Paper presentation

- Conceptual Design of an underwater robot” 2015 International Conference on Man and Machine Interfacing (MAMI). IEEE, 2015.

Professional/ Research References

- Dr. Haraprasad Roy, Professor, Department of Mechanical Engineering, National Institute of Technology, Rourkela
- Dr. Dayal R. Parhi, Professor, Department of Mechanical Engineering, National Institute of Technology, Rourkela
- Dr. Jonalagadda Srinivas, Professor, Department of Mechanical Engineering, National Institute of Technology, Rourkela