



APPLICATION FORM FOR SCHOLARSHIP THROUGH ICCR

Application Made Through : Nepal Consulate General of India Birgunj

1. Full name (IN BLOCK LETTERS) : Mr. PRAVEEN JHA

2. Gender : Male

3. Date of Birth : 3/8/1995

4. Country : Nepal

5. Country of Residence : Nepal

6. Passport No : 06852986

a) Date of Issue **b) Date of Expiry** **c) Place of Issue**

3-12-2013 2-12-2023 MOFA KATHMANDU NEPAL

7. Postal Address : BASATPUR-04, RAUTAHAT, NEPAL

a) City	b) State	c) Country	d) Zipcode
BASATPUR	TWO	Nepal	44500

8. Telephone/Mobile Number

Contact No : + 9864883783

Email Id : praveenjha754@gmail.com

Permanent Unique ID of your country (Excluding Passport No.) : 3210031836

9. Details of Father/Mother/Guardian

Name	Relation	Occupation	Country
BENU KUMARI	MOTHER	CDC TEACHER	Nepal

Address : BASATPUR-04, RAUTAHAT, NEPAL

City	State	Country	Zipcode
BASATPUR	TWO	Nepal	44500

10. Knowledge of English : Yes

Written: Good **Spoken: Good** **Reading: Good**

11. English Proficiency Test : Yes

TOEFL:

IELTS: 7.5

DUOLINGO:

12. Essey:



Coming from the nation with a wide variety of topography and climatic condition, within a limited stretch of geography, I always used to get fascinated about the diversity of natural resources we have been gifted with. However, it was only after my graduation in Mechanical Engineering when I started viewing my country as a place gifted with variety of sources for the generation of renewable energy such as solar, wind, hydro, bio-gas, bio-fuels, etc. The same vision of generalization which I got from my bachelor's degree compelled me to analyse the scenario regarding the actual conversion of available potential resources in to work output throughout the nation. After analyzing such scenario I came to a conclusion that my country needs a lot of skilled manpower and research scholars in energy sector in order to fully utilize the abundance of renewable resources and hence I planned to pursue a postgraduate program in renewable/alternate energy field with a planned dream of serving my motherland with the specialized knowledge and skills which will be obtained from the postgraduate Programme. Apart from this, my B. Tech project also relates its root with one of the major section of renewable energy sector which is Solar PV cells and accompanied by dynamics part of core (Mechanical) engineering. My project work was based on the concept of energy optimization of the solar roof added on automobile vehicles. It used the idea of self-tracking solar panel so that maximum amount of normal rays could fall on the solar roof independent of the direction in which the vehicle approaches resulting in better energy absorption. Due to the limited knowledge of subject and tools, project was finally limited to a prototype model which needed further modification such as material flexibility of solar roof, reduction of mechanical losses due to movement of the panel and optimization of the shape of roof so that the air drag loss can be minimized. Therefore, I would like to take this opportunity to pursue postgraduate Program at esteemed Indian universities so that I can widen my horizon of knowledge and develop expertise in energy engineering field. In addition to this, I do have keen interest in research and academia. While mentioning my interest in research and academia, I would like to mention that I have two years of work experience in teaching mathematics to class nine and ten students. It was the time after my intermediate when I was preparing for scholarship for bachelors studies. I involved myself in teaching mathematics and the feedback from my students really made me feel that I have some natural bent in teaching. I am good at analyzing things and hence I hope that it would help me in research career as well and in the long it will lead me to be a part of the workforce in the sectors such as renewable energy generation, energy management and energy systems modeling and hence become a genuine scholar in energy engineering field.

13. Course applied for

Post Graduate

Course Type

Engineering

14. Universities/Institutes in India where you wish to seek admission:

Note : ICCR provides scholarships only for courses in central or state goverment universities. Candidates should be very specific and clear about the course of study which he/she wishes to pursue in India. Scholarships are not available to pursue more than one course. Candidates should ensure that the courses listed here are offered by all five Universities listed under S.No.14. The candidates must refer to the University/Institute website to know the eligibility criteria for the courses of their choice. Those seeking admission to agricultural courses must opt for ICAR in the University choice. Please select University in order of preference.

Course you wish to study	University	Course Stream
M.Tech	IIT Bombay	ENERGY SCIENCE AND ENGINEERING
M.Tech	IIT Delhi	ENERGY STUDIES
M.Tech	Indian Institute of Science, Sir C.V. Raman Avenue, Bangalore	MECHANICAL ENGINEERING
M.Tech	IIT Kharagpur	ENERGY SCIENCE AND ENGINEERING (MECHANICAL ENGINEERING VERTICAL)
M.Tech	IIT Roorkee	ALTERNATE HYDRO ENERGY SYSTEMS

Note: Once admission is confirmed, no change in either course or University/Institute will be permitted by the Council.

Allotment of colleges is done by the respective Universities.