



APPLICATION FORM FOR SCHOLARSHIP THROUGH ICCR

**Application Made Through** : Nepal Consulate General of India Birgunj

**1. Full name (IN BLOCK LETTERS)** : Mr. Ravi Narayan Sah

**2. Gender** : Male

**3. Date of Birth** : 9/8/1996

**4. Country** : Nepal

**5. Country of Residence** : Nepal

**6. Passport No** : 09428265

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

23-12-2015 22-12-2025 Kathmandu Nepal

**7. Postal Address** : Beside Petrol Pump, Sakuwa Mahendranagar, Chhireshwarnath - 05, Dhanusha

**a) City** **b) State** **c) Country** **d) Zipcode**

Janakpur Province Two Nepal 45616

**8. Telephone/Mobile Number**

**Contact No** : + 9816873473

**Email Id** : 1996rnsah@gmail.com

**Permanent Unique ID of your country (Excluding Passport No.)** : 1710902451

**9. Details of Father/Mother/Guardian**

Name	Relation	Occupation	Country
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Lalit Sah	Father	Businessman	Nepal
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**Address** : Beside Petrol Pump, Sakuwa Mahendranagar, Chhireshwarnath - 05, Dhanusha

City	State	Country	Zipcode
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Janakpur	Province Two	Nepal	45616
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**10. Knowledge of English** : Yes

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

**11. English Proficiency Test** : No

**12. Essey:**



1. Since my childhood, I was very fond of different tools, equipment, and machines. I remember whenever I was getting any toys, I used to disassemble them to optically discern what components are required to build them. Disassembling their parts, detaching the motor, and fitting them back used to give me different happiness. My curiosity towards machines and machinery equipment has commenced incrementing day by day and I opt to study mechanical engineering after culminating my high school. Being a mechanical engineer, I always wanted to explore more mechanical components and strive to understand their design and functions. My interests lie primarily in the areas of design, dynamics, and controls of mechanical systems. I am fascinated to learn knowledge of design methodology and analysis strategies to conduct research and engender an efficient part to counter the modern problem in an engineering field. So, I am inclined to continue my master's, where I can prepare myself for tomorrow in developing groundbreaking technology and inventing solutions for the progress of society. During my under-graduation, many subjects laid a foundation for my technical background in light of my future. I was the top scorer in the subjects Engineering Design, Machine Drawing and Solid Modelling, Internal Combustion Engine, Production Process, Workshop Practice, and Machine Element Design Practice. One of the best learning during bachelor was my final year project, titled "Design and Simulation of Customized Brake Rotor for an All-Terrain Vehicle", where I studied the design methodology and various parameters to create different design patterns followed by optimization after numerous iteration in Ansys. Also, in third year I had designed and made a prototype of an electronic sensor device to automatically control the high and low beam of a car headlight. In addition to my academics, I gained rich practical experience from designing and manufacturing an off-road race car for BAJA SAE, where I was involved in 3D designing, SWOT analysis, structural and fatigue analysis, and re-engineering of various components. I worked in a subsystem where I designed a custom gearbox, brake pedal with balance bar mechanism, hub, knuckle, wheel assembly, chassis, and brake rotor. Later, lead the teams as a President to build a lightweight and robust vehicle by performing design simplification in which we achieved 1st rank in all India BAJA SAE 2016 virtual written round among 486 teams and 4th position overall in design presentation. Also, we secured 9th position among 120 teams in BAJA SAEINDIA endurance event where I was driving the vehicle for 4 hours continuously. Immediately after undergraduation, I joined Bajaj Automobiles as an engineer and gained practical experience of how any components are brought into the application from design to manufacturing utilizing several methods. Later, worked in an engineering department and designed a manufacturing process for the development of various 2-wheeler components, where I deal with CAD, CAM, and CMM software to optimize the process. Now, I want to enlighten my knowledge to conduct independent, innovative and applied research employing latest concepts in mechanical 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 Univesrity in order of preference.

Course you wish to study	University	Course Stream
M.Tech	IIT Bombay	Mechanical Engineering
M.Tech	IIT Madras	Mechanical Engineering
M.Tech	IIT Kharagpur	Mechanical Engineering
M.Tech	IIT Roorkee	Mechanical Engineering
M.Tech	NIT, Tiruchirappalli	Mechanical Engineering

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.

### 15. Previous Educational Qualifications

Certificate/Degree	Country	Name of School/University/Board	Year	Percentage(%)/Grade
Grade X (equivalent to Grade X in India)	Nepal	Monastic Higher Secondary Boarding English School	2013	84
Grade XII (equivalent to Grade XII in India)	Nepal	Liverpool International H S School	2015	77.70
Undergraduate (equivalent to three years course after grade XII in India)	India	National Institute of Technology Rourkela	2019	80

16. Give below the names of two persons who have agreed to testify from their personal knowledge to your character (they must not be related to you and should have direct knowledge of your academic pursuits).

## Reference 1

Name	Occupation	Email	Telephone	Postal Address
Haraprasad Roy	Assistant Professor	royh@nitrkl.ac.in	9437437560	Mechanical Department, NIT Rourkela , Sundargarh , Odisha 769008

## Reference 2

Name	Occupation	Email	Telephone	Postal Address
Subrata K Panda	Associate Professor	pandask@nitrkl.ac.in	9658583368	Department of Mechanical Engineering NIT Rourkela, Sundargarh, Odisha 769008

17. Details of close relative(s) or friends, if any, in India.

Name	Relationship	Occupation	Telephone	Email	Postal Address

18. Have you travelled or lived in India in the past? Yes

19. Have you ever availed of ICCR Scholarship earlier? No

20. Are you currently a resident in India? No

21. Are you married to an Indian national? No

22. Do you have an International driving licence? Yes

**Licence Number:** MH1220200031836

**Issuing Authority:**

MH12

23. Any Other Information:

Date: 30-05-2021

Place: Janakpur Nepal I hereby declare that the particulars given above are true to the best of my knowledge and belief and that I have understood the financial terms and conditions of the Schholarship Scheme. I hereby undertake to abide by them, and I also

undertake to return to my country after completion of my studies in India.

Signature

