Job Notification Form, IIT Delhi

Company Overview

Name:	Honda R&D
Website:	honda.co.jp
Company Type:	Other (1)
Description:	Honda R&D Co. Ltd

Job Details

Designation:	Division2 Robot Learning and Control Researcher
Type:	Teaching & Research
Place of Posting:	Wako-shi, Saitama, Japan
Job Details:	Honda R&D Innovative Research Excellence, 8-1 Honcho, Wako-shi, Saitama, Japan.

Job Details: Honda R&D Innovative Research Excellence is committed to pursuing innovative development and creation of "value" in mobility and life. The department includes "Frontier Robotics" domain and the mission of the domain is to make a new epoch by research and development of "Robot" and "New Device using robotics technology" that will be useful to everyday life.

\<Role\>
Robot Learning and Control Researcher
Toward our Frontier Robotics mission, you will work on continuous learning and control issues on robot manipulation. You must have strong will to achieve goals with hypothetical thinking and comprehensive skills to work as a team. You should proactively take actions, interacting with stakeholders and identifying issues and possible solutions in order to maximize your personal as well as organizational output. You are also expected to expand your work to other technical domains for broader achievements.

\<Responsibilities\>
☐ Find issues relevant to realizing a valuable, vision-aided robot use case and break them down into concrete problems by trying existing methods.
☐ Propose a solution in state-of-the-art vision technologies with concrete achievement criteria.
☐ Develop a solution system including design, data collection, programming, testing and analysis of the results.
☐ Show in a real environment that the developed system functions according to the use case.
☐ Work closely with robotics and software engineering teams to develop systems from concept to production level.
☐ Collaborate with external researchers and companies.

\<Specific Goals\>
You are to work with team members to achieve the following goals.
[In 6 months]
Understand essential problems and try some solutions in accordance with the aim and goal of the team.

[In 1 year 6 months]
Propose a technical solution that can be our competence and show to what extent your solution is relevant to the problem.
[In 3 years]
Run the solution on the real system with robustness and reliability at the level where end-users can recognize the difference between your solution and existing solutions.
[In 5 years]
Run a new project and lead the team to realize Frontier Robotics at higher level.

**Joining date will be between July and October based on visa process and academic commitments of selected student

International: Yes

Joining By: 1 October 2022

Salary Details

CTC:	8,200,000 JPY Per Annum
Gross:	7,200,000 JPY Per Annum
CTC Breakup:	Basic Salary ¥5,800,000.00 House Rent Allowance ¥1,000,000.00 Transport & Food Allowance ¥400,000.00 Variable Component 1 (Japanese Classes) ¥1,000,000.00
Perks / Bonus:	Incentives: Incentives will be paid according to the performance up to 6 months of monthly salary. Salary: Revise Salary will be revised annually by company rule. Evaluation: Employee will be evaluated for every half fiscal year for amount of incentives.

Selection Process

Resume Shortlist:	Yes
Written Test:	Yes
Online Test:	Yes
Group Discussion:	No
Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	2
No. of Offers:	2

Eligibility

Recruiting PHDs: Yes

Eligible Departments: B.Tech in Biochemical Engineering & Biotechnology, B.Tech in Chemical Engineering, B.Tech in Civil Engineering, B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Engineering Physics, B.Tech in Engineering and Computational Mechanics, B.Tech in Materials Engineering, B.Tech in Mathematics & Computing, B.Tech in Mechanical Engineering, B.Tech in Production & Industrial Engineering, B.Tech in Textile Engineering, B.Tech and M.Tech in Biochemical Engg & Biotechnology, B.Tech and M.Tech in Chemical Engineering, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing, M.Tech in Applied Optics, M.Tech in Atmospheric-Oceanic Science and Technology, M.Tech in Biomedical Engineering, M.Tech in Chemical Engineering, M.Tech in Communications Engineering, M.Tech in Computer Science & Engineering, M.Tech in Computer Technology, M.Tech in Construction Engineering & Management, M.Tech in Control & Automation, M.Tech in Energy & Environment Technologies and Management, M.Tech in Energy Studies, M.Tech in Engineering Analysis & Design, M.Tech in Environmental Engineering & Management, M.Tech in Fibre Science & Technology, M.Tech in Geotechnical and Geoenvironmental Engineering, M.Tech in Industrial Engineering, M.Tech in Industrial Tribology & Maintenance Engineering, M.Tech in Instrument Technology, M.Tech in Integrated Electronics & Circuits, M.Tech in Materials Engineering, M.Tech in Mechanical Design, M.Tech in Molecular Engineering: Chemical Synthesis & Analysis, M.Tech in Optoelectronics & Optical Communication, M.Tech in Polymer Science & Technology, M.Tech in Polymer Science and Technology, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Production Engineering, M.Tech in Radio Frequency Design & Technology, M.Tech in Rock Engineering & Underground Structures, M.Tech in Solid State Materials, M.Tech in Structure Engineering, M.Tech in Telecommunication Technology & Management, M.Tech in Textile Chemical Processing, M.Tech in Textile Engineering, M.Tech in Thermal Engineering, M.Tech in Transportation Engineering, M.Tech in VLSI Design Tools & Technology, M.Tech in Water Resources Engineering, M.Sc in Chemistry, M.Sc in Cognitive Science, M.Sc in Economics, M.Sc in Mathematics, M.Sc in Physics, B.Tech in Civil Engineering and M.Tech in Geotechnical and Geoenvironmental Engineering, B.Tech in Civil Engineering and M.Tech in Water Resources Engineering, B.Tech in Mechanical Engineering and M.Tech in Thermal Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Civil Engineering and M.Tech in Structural Engineering, B.Tech in Civil Engineering and M.Tech in Construction Engineering & Management, B.Tech in Textile Engineering and M.Tech in Computer Science & Engineering, B.Tech in Engineering Physics and M.Tech in Computer Science & Engineering, B.Tech in Chemical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Computer Science & Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Production Engineering, M.S.(R) in Applied Mechanics, M.S.(R) in Biochemical Engineering and Biotechnology, M.S.(R) in Biological Sciences, M.S.(R) in Telecommunication Technology and Management, M.S.(R) in Civil Engineering, M.S.(R) in Chemical Engineering, M.S.(R) in Computer Science & Engineering, M.S.(R) in Electrical Engineering, M.S.(R) in Sensors, Instrumentation and Cyber-physical System Engineering, M.S.(R) in Automotive Research and Tribology, M.S.(R) in VLSI Design Tools and Technology, M.S.(R) in Mechanical Engineering, M.S.(R) in Materials Science and Engineering, M.S.(R) in Information Technology, M.B.A. (General), M.B.A. (with focus on Management Systems), M.B.A. (with focus on Telecommunication Systems management), M.B.A. (with focus on Part Time), Master of Design in Industrial Design, Master of Design in Industrial Design, Post Graduate Diploma for Visionary Leadership in Manufacturing