

School of Planning and Architecture, Bhopal

NOTICE

Call for Research ASSISTANT (On Contract basis) for HEFA CSR Electric and Hybrid Wheelchair (SAN/CSR/13/2023-24)

Applications are invited in the prescribed format by the candidates for engagement as 'Research Associate (on a Contract basis)' under the project 'HEFA CSR **Electric and Hybrid** SAN/CSR/13/2023-24).

1. **Requirement:** Research Assistant (on Contract basis) (1 Nos.)
2. **Period of Contract:** 11 months (extendable to 3 years)
3. **Emoluments:** ₹35000 (Consolidated) per month Eligibility Qualifications / Requirements
4. **Education:** Graduate/ Post graduate Degree in Mechanical Engineering, Electrical or Electronics Engineering, Robotics, Mechatronics, Bachelor of Design (B. Des)/ B. Tech/B.Arch or other relevant degree. Job demands strong foundational knowledge in mechanics, materials science, and design principles, electrical components, circuitry, control systems and Biomedical Engineering. An experience in electric vehicles will be highly desirable: Combination knowledge work from both mechanical and electrical engineering, ability to work hands-on with a focus on medical applications will be desirable.
5. **Technical Skill** - Proficiency in using CAD software for designing , 3dmodelling , simulation tool and testing of strength. Experience with machining, Assembly, manufacturing processes are desirable. Knowledge of materials such as metals and plastics.Understanding of mechanical parts, motor control systems, battery management, and wiring along with familiarity with microcontrollers and embedded systems is desirable. Experience with prototyping, testing, and assembling mechanical and electrical systems. Awareness of Indian standards and compliance requirements for medical devices (e.g., BIS standards).
6. **Relevant Experience** - Prior experience of 1-3 years of working in a relevant domain.Experience with prototyping, testing, assembling mechanical or electrical systems is necessary.

Last date of receiving the application: 5th September 2024 (5.00pm)

Method of Selection: Shortlisting , Design Task, Portfolio and Interview

Application: To apply fill up the google form using the create link

https://docs.google.com/forms/d/e/1FAIpQLSf56pCVUL7fs-2Nk-dIOvGP2v37IfFseALwGIZCXqqXjX4JSQ/viewform?usp=sf_link

Email: Alternately, send your application along with CV, Portfolio and work experience certificates to shanusharma@spabhopal.ac.in

Result: The list of the selected candidates will be declared within 3 working days after the interview. The selected candidates may be required to join within seven days of declaration of the result.

Note: Mere possession of minimum qualifications shall not entitle a candidate to be called for the exam. Institute reserves the right to shortlist the candidates on the basis of qualifications, work experience and relevant skill set. Incomplete applications will be summarily rejected. No canvassing in any form shall be entertained.