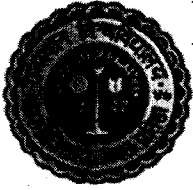


Advt./CCT/2016/DIC

Date: 28.12.2016



# Design Innovation Centre (DIC)

Centre for Converging Technologies  
University of Rajasthan, Jaipur- 302004



Design Innovation Centre (DIC) - Centre for Converging technologies, University of Rajasthan Jaipur, is looking for appointment of DIC Research Innovation Fellows for its design innovation programme which is funded by Ministry of Human Resource & Development (MHRD), Govt. of India.

## About the Fellowship Programme:

DIC Research Innovation Fellowships are highly competitive and prestigious fellowship for design innovation. Applicants should have expertise in respective area of specialization and with an aptitude and commitment towards application of research, innovation and creative extensions of knowledge in their domain. This is new and exciting collaborative programme for translational research and industrial demand in the ecosystem giving an outlet for creative ideas of budding entrepreneurs.

**Number of Fellowships: 06 and as per requirement of the spokes**

**Stipend / Fellowship (consolidated)**

**DIC Research Innovation Fellowship: Rs 35,000 per month.**

## Duration of Fellowships:

The appointments of Research Innovation fellows shall be purely temporary, for a period of two years or till the tenure of the program whichever is earlier and co-terminus with the program.

**Duties:** The Research fellows will work in the direction of improvement/innovation in designing under relevant Specific Research Area with specified proposal. He is also expected to facilitate practical training to students of related courses under the program.

## Who can apply?

Inviting proposal from individuals with ideas of design innovation with potential to develop into a technology or prototype.

- Applicants who have completed their Masters on or after 1<sup>st</sup> January 2014 / Registered Ph.D. candidates, who have completed their course work or about to finish it shortly are eligible for DIC Research Innovation Fellowships.

Applicants will have to submit an online application in the prescribed format and send hard copy with relevant self-attested documents at DIC-RU within the closing date of online application. Each application will be reviewed by an expert committee at DIC. Applications will be identified on the established criteria. Shortlisted applicants will be called for a personal interview in front of an expert committee for final selection of the DIC Research Innovation Fellows.

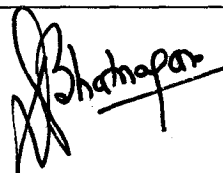
**Mere fulfilling of the eligibility criterion does not entitle applicants to be called for interview.**

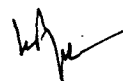
A. Bhatnagar

## University of Rajasthan- Design Innovation Fellowships

Type of fellowship: Research Design Innovation fellowship

S. No.	Specific Research area	Qualifications & Eligibilities
1.	Microwave	<p><b>Essential:</b> M. Tech. (ECE / ICT) /M.Sc. in any field of science Physics / Microwave/ Electronics/ Electronics &amp; communications or with minimum 60% marks including but not restricted to Converging Technologies or any other related field in sciences.</p> <p><b>Desirable:</b> Master's research related to the proposed project, experience related to product development / industrial research. Knowledge of RF component design, RF simulation tools and simulation techniques.</p>
2.	Innovative Food Designing	<p><b>Essential:</b> M. Sc. Home Science (Foods &amp; Human Nutrition) / M. Sc. Food Science /M.Sc. Food Science &amp; Technology/ M. Tech. Food Technology / M. Tech. in Food Engineering with aggregate of minimum 60% marks or equivalent grade point.</p> <p><b>Desirable:</b> Research experience/work experience in food product development.</p>
3	Drug Designing	<p><b>Essential:</b> M.Sc./M.Tech. with minimum 60% marks in Chemistry/Biochemistry/Pharmaceutical Science/ or any other branch of related field of Science.</p> <p><b>Desirable:</b> Master's research /post Master's research experience related to the proposed project, experience related to Computer Aided Drug Design. Working experience/knowledge of Molecular modelling software.</p>
4.	Vacuum & Thin Film Coating	<p><b>Essential:</b> M. Tech. /M.Sc. with minimum 60% marks in any field of science Nanotechnology / Physics/ Material Science / Metallurgy / Electronics / Electronics &amp; communications / Vacuum technologies / including but not restricted to Converging Technologies or any other related field in sciences.</p>

 Shatapara



		<p><b>Desirable:</b> Master's research related to the proposed project, experience related to product development / industrial research.</p> <p>Minimum one year research experience to handle various vacuum pumps with thin film coating instruments.</p>
5.	<b>Artificial Limb</b>	<p><b>Essential:</b> M. Tech. /M.Sc. with minimum 60% marks in any field of science Nanotechnology / Physics/ Chemistry / Maths / Material Science / Metallurgy / Electronics / Computer Science / Electronics &amp; communications / including but not restricted to Converging Technologies or any other related field in sciences or MCA.</p> <p><b>Desirable:</b> Master's research related to the proposed project, experience related to product development / industrial research.</p> <p>Minimum one year research experience to work with various software's such as MAT LAB, Molecular Dynamics</p>
6.	<b>Material Sciences</b>	<p><b>Essential:</b> M.Sc. Physics/Chemistry/Material Science/ any other branch of related field of Science /M. Tech with minimum 60% marks or equivalent grade point.</p> <p><b>Desirable:</b> Master's research/ post master's research experience related to proposed project; knowledge of material science and computers; Experience in handling analytical instruments.</p>

#### Terms & Conditions:

1. The emolument per month will be 35,000/- (fixed). The candidate should have aptitude to do the innovative research designing the problem and ability to execute the same.
2. The complete application on a plain paper with specification of the post applied for, and details (a) Academic Qualifications, (b) Experience, (c) Publication (if any) (d) Project proposal in 1000 words to be carried out in the specific research area applied for (e) Corresponding details (email, phone no., mobile no.) should reach within the last date of submission of application as notified by post/ hand delivery or through e-mail to cct.uniraj@gmail.com
3. The shortlisted candidates will be called for the interview informing them by email/ telephone.
4. Please bring original copies of all the required documents at the time of interview.
5. Candidates failing to provide necessary documents for verification of their eligibility will not be allowed to appear for the interview.
6. No TA/DA will be paid to the candidate for appearing in the interview.

