



**INDIAN INSTITUTE OF TECHNOLOGY PATNA**  
**BIHTA PATNA-801106**  
**RESEARCH & DEVELOPMENT UNIT**

**ADVERTISEMENT NO: R&D/558/CSIR/200****DATED: 03/08/2021**

Project No: R&amp;D/SP/Math/CSIR/2021-22/558

Applications are invited in the prescribed format only for the following assignment in a purely time bound research project undertaken in this institute.

1. (a) Name of the temporary assignment : Junior Research Fellowship (JRF)  
(b) Number of Post : 1 (One)  
(c) Duration of the Post : Initially One year extendable upto three years or completion of project (whichever is earlier) subject to satisfactory performance
2. Name of the temporary research project : Algorithmic aspects of vertex-edge domination and its variation
3. Name of the sponsoring Agency : Council of Scientific and Industrial Research (CSIR)
4. Consolidated Fellowship/Salary : Rs 31,000/- per month for 1<sup>st</sup> and 2<sup>nd</sup> year  
Rs 35,000/- per month for 3<sup>rd</sup> year (subject to satisfactory performance)
5. Qualifications & Experience : BS (4 years)/ Integrated BS-MS/MSc or equivalent degree in Mathematics or related area, with 55% marks and passing of NET/GATE test.  
OR  
BE/BTech or equivalent degree in Computer Science or related area, with 55% marks and passing of NET/GATE test.

The upper age limit for applying for the position shall be 32 years. Relaxations for SC/ST/OBC/women/PD will be given as per the GOI rules. Working/research experience in the field of *Graph Theory* and/or *Algorithms* will be given preference.

1. Candidates interested in this position and satisfying the qualification criteria should write an email to the project investigator Dr. Subhabrata Paul, Department of Mathematics, IIT Patna (Email IDs: [subhabrata@iitp.ac.in](mailto:subhabrata@iitp.ac.in), [paulsubhabrata@gmail.com](mailto:paulsubhabrata@gmail.com)).
2. The subject of the email should read as "JRF Position CSIR-558". The last date for receiving this email is 20<sup>th</sup> August, 2021
3. The email MUST include the scanned/pdf copy of duly filled application form (see below) with applicant's signature.



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4. The email MUST include self-attested scanned pdf copy of all supporting documents(degree certificates, mark-sheets, GATE scorecard, and category certificate, if applicable).
5. The application should also include a brief Academic CV not exceeding two pages.

IIT Patna reserves the right to not shortlist any candidate in case the application email does not contain complete information backed up by supporting documents as listed above.

All candidates who apply via email by 20<sup>th</sup> August 2021 (deadline) and are shortlisted will be informed regarding the further details by 27<sup>th</sup> August 2021.

Date of ONLINE Interview: 30<sup>th</sup> August 2021. It is the responsibility of the applicant to ensure that they have reliable internet connectivity on the date of online interview.

For any query contact Investigator(s) :**Dr. Subhabrata Paul, Dept. of Mathematics, IIT Patna, Emails: [subhabrata@iitp.ac.in](mailto:subhabrata@iitp.ac.in), [paulsubhabrata@gmail.com](mailto:paulsubhabrata@gmail.com) .**

**Deputy Registrar**

Copy to:

1. Associate Dean, R&D, IIT Patna
2. All Wardens, Halls of Residence, IIT, Patna
3. All other IITs/IITBHU/Universities
4. Advertisement file
5. Project file



Form No: RD-M003

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**PROJECT CODE:** R&D/SP/Math/CSIR/2021-22/558**ADVT NO:** R&D/558/CSIR/200**DATED:** 03.08.2021**FORMAT OF APPLICATION FOR .....**

| <b>Name &amp; Address</b><br><b>Including email id and</b><br><b>Phone no.</b><br><b>(for Correspondence)</b> | <b>Category</b><br><br>(GEN/OBC/S<br>C/ST/PD) | <b>DOB</b><br><br>dd/<br>mm/yy | <b>Professional Exam.</b><br><b>(GATE/CSIR-NET, etc) &amp;</b><br><b>Validity</b> |
|---|---|--------------------------------|---|
| <b>NAME IN CAPITAL</b><br>Address:<br><br><br><br>Phone:<br>Email:  |   |                                |   |

**Educational Qualification**

| <b>Institute/ Board</b> | <b>Exam Passed</b>                               | <b>Year of Passing</b> | <b>% of</b><br><b>Marks/CPI</b> |
|-------------------------|--|------------------------|---------------------------------|
|                         | 10 <sup>th</sup> Class                           |                        |                                 |
|                         | 12 <sup>th</sup> Class                           |                        |                                 |
|                         | Bachelors<br>(B.Sc/B.Tech/B.E.)<br>or equivalent |                        |                                 |
|                         | Masters<br>(M.Sc/M.Tech/M.E)<br>or equivalent    |                        |                                 |

| <b>Qualifying degree</b> | <b>Degree/ major/Specialization</b> |
|--------------------------|-------------------------------------|
| (B.Sc/B.Tech/B.E.)       |                                     |
| (M.Sc/M.Tech/M.E)        |                                     |
| Others                   |                                     |

Date:  
Place:

Signature of applicant