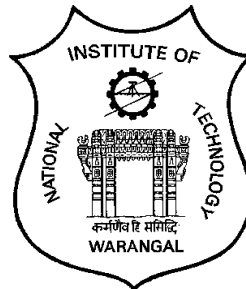


# **National Institute of Technology Warangal**



## **CALL FOR POST-DOCTORAL FELLOW (PDF) POSITIONS**

**JANUARY 2022**

**BROCHURE**

## **NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL**

### **Admission to Post-Doctoral Fellowship (PDF) Program for the year 2022**

The PDF Program in Full-time (FT) mode are offered in the following Departments:

1. Civil Engineering
2. Electrical Engineering
3. Mechanical Engineering
4. Electronics and Communication Engineering
5. Metallurgical and Materials Engineering
6. Chemical Engineering
7. Computer Science and Engineering
8. Biotechnology
9. Mathematics
10. Physics
11. Chemistry

### **Tentative Schedule for PDF Admissions of 2022 session:**

Announcement of inviting Applications: 20-01-2022

Last date to receive applications: 15-02-2022

Announcement of shortlisted candidates for Interview: 21-02-2022

Dates of Interview: 25-02-2022

Announcement of selected candidates: 28-02-2022

Dates of Reporting by the selected candidates for admission: 02-03 March, 2022

**NOTE:** The filled-in application along with all the required documents should be posted to the following address.

To  
THE CHAIRMAN – ADMISSIONS  
ACADEMIC SECTION  
NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL  
WARANGAL – 506004, TS, INDIA.

**Link for the Application Form of PDF Program:**

**[https://www.nitw.ac.in/media/uploads/Application\\_Form\\_for\\_PDF\\_-\\_January\\_2022.pdf](https://www.nitw.ac.in/media/uploads/Application_Form_for_PDF_-_January_2022.pdf)**

### **1. Essential qualifications**

❖ Eligibility to apply for PDF

- i. Be a PhD degree holder
- ii. All the degrees acquired by the candidate must be in first class, with at least one degree from CFTI/Centrally Funded Institutes
- iii. Apply within five years after completing his/her PhD
- iv. The candidates who have completed their PhD under the supervision/co-supervision of the faculty members from NIT Warangal can apply for the fellowship after 3 years of completion of their PhD degree.

- v. The maximum age that will be allowed is 35. Relaxation in age will be as per government of India norms for recruitment of faculty.

## 2. Criteria of selection

- i. A proposal must be submitted by the aspiring postdoctoral fellow with the consent of a faculty member of NIT Warangal as a mentor. The proposal submitted by the fellow must not be mere extension of the PhD work. The expertise brought in by the applicant will be an important criteria in the selection process.
- ii. Candidate must have a **minimum of three SCI/ESCI/SCIE** indexed publications.
- iii. Reservations as per GOI norms will be followed.

## 3. Period of engagement

The duration of the fellowship will be for a period of 3 years. However, initially the offer will be made for two years and extendable for one more year based on performance evaluation. **Review will be conducted every year.** Review will be based on quantifiable outcomes based on the deliverables proposed in the initial proposal and publications. A central monitoring committee may evaluate the progress and recommend the extension.

## 4. Scholarship

- i. A fellowship of Rs 60,000 per month plus HRA will be offered throughout the duration of the engagement.
- ii. The fellowship offered is purely temporary in nature and the Institute will have the right to review the fellowship based on the performance/conduct of the fellow. Similarly, the postdoctoral fellow must give one month's notice if he/she wants to leave the fellowship.
- iii. The postdoctoral fellows engaged by the Institute will not be eligible to receive any other fellowship from government/non-governmental sources during the period of engagement.

## Other Benefits

- i. A contingency grant of Rs 1,00,000 per annum towards purchasing consumables, attending conferences (within India), meeting publication charges etc will be made available to the fellow on the recommendation of the mentor. If the candidate leaves the Institute within one year of joining the fellowship, he/she must return the contingency grant availed by him/her.
- ii. Medical facilities as applicable to an employee of the Institute will be extended to the postdoctoral scholar.
- iii. The candidates will also be provided with suitable Hostel/Campus accommodation as per NIT Warangal norms if requested and if available.
- iv. The scholar will be allowed a maximum of 15 days casual leave on pro rata basis.
- v. Women postdoctoral fellows are eligible for maternity leave subject to the following conditions:
  - They must have put at least six months service prior to proceeding on maternity leave.
  - The Institute PDF duration or service after re-joining from maternity leave should not be less than six months.
  - Maternity leave will be sanctioned on submitting the original Medical Certificate.
  - Fellowship for the maternity leave period will be given only on rejoining from Maternity leave.

## 5. Works to be assigned

- i. A teaching load equivalent to 8 hours per week will be assigned to the fellow along with the other related academic activities.

- ii. The postdoc is expected to assist the mentor in writing external project proposals. Apart from quality research work, post-docs will also be encouraged to write funding proposals along with the mentor.
- iii. Post-doctoral fellows are eligible to act as Co-guide for B.Tech/ M.Tech /M.Sc., /M.Tech /MBA students.

## **6. Targets to be achieved during the period of engagement**

- i. Minimum of one SCI/ESCI publication per year with the postdoc as the first author must be accepted or published.
- ii. The candidate will present a progress report to PMC every year describing the research work carried out and research results supported by reprints or proofs or manuscripts of the papers published or accepted for publication for this purpose.
- iii. Further extension of PDF after two years will be based on quantifiable outcomes based on the deliverables proposed in the initial proposal and publications.
- iv. The fellowship may be terminated by the Institute if the progress / conduct of the candidate is unsatisfactory by giving one month notice to the PDF.
- v. Any rights related to the IP generated out of post-doc research are as per the Institute's IPR policy published from time to time.

### **List of documents to be enclosed along with the application.**

- Copy of SSC/ Class X certificate in support of Date of Birth.
- Copy of Intermediate/ (10+2)/ Class XII certificate.
- Copies of Provisional Certificate / Degree Certificates and Marks Memos of the qualifying Examinations (UG, PG and PhD).
- Attested copy of the caste certificate (in case of SC/ST candidates).
- For GEN-EWS candidates, EWS certificate issued on or after 1<sup>st</sup> April 2021 as per the format given in the Annexure-I only is acceptable.
- For OBC-NCL candidates, OBC-NCL certificate issued on or after 1<sup>st</sup> April 2021 as per the format given in the Annexure-II only is acceptable along with undertaking.
- No Objection Certificate from the employer, if employed (Annexure III).
- Relieving certificate from the employer (at the time of admission).
- Photograph.
- Application Fee payment receipt with transaction number.
- File 1: (Research Project Proposal and Teaching Plan)
  - (a) A research proposal/plan formulated in association with the prospective mentor at NITW
  - (b) The courses you would like to teach at NIT Warangal if selected as a post-doctoral fellow.
- File 2: List of publications with impact factor and whether the paper is SCI/ESCI indexed
- Detailed CV
- Any other documents (List of publications, if any).

### **The link to pay registration fee is given below:**

PDF registration Fee-GEN-GEN\_EWS-OBC\_NCL-January2022\_INR1600

[https://www.payumoney.com/webfronts/#!/index/PDFRegistrationFee-GEN-GEN\\_EWS-OBC\\_NCL-January2022\\_INR1600](https://www.payumoney.com/webfronts/#!/index/PDFRegistrationFee-GEN-GEN_EWS-OBC_NCL-January2022_INR1600)

(Copy the above link and paste in the browser)

PDF Registration Fee-SC-ST-PWD-January2022\_INR800

[https://www.payumoney.com/webfronts/#!/index/PDF\\_RegistrationFee-SC-ST-PWD-January2022\\_INR800](https://www.payumoney.com/webfronts/#!/index/PDF_RegistrationFee-SC-ST-PWD-January2022_INR800)

(Copy the above link and paste in the browser)

Other payments like mobile payments (IMPS), NEFT, RTGS and direct transfer will not be accepted. If paid by any chance, it will not be refunded. Do not use mobile applications to make the payment.

**Proforma for Economically Weaker Section (EWS) Certificate**

Government of \_\_\_\_\_  
 (Name & address of the authority issuing the certificate)

**INCOME & ASSET CERTIFICATE TO BE PRODUCED BY ECONOMICALLY  
WEAKER SECTIONS**

Certificate No. \_\_\_\_\_

Date: \_\_\_\_\_

VALID FOR THE YEAR 2021-2022

1. This is to certify that Shri/ Smt./ Kumari \_\_\_\_\_ son/ daughter/ wife  
 of \_\_\_\_\_ permanent resident of \_\_\_\_\_,  
 Village/ Street \_\_\_\_\_, Post Office \_\_\_\_\_, District \_\_\_\_\_ in the  
 State/ Union Territory \_\_\_\_\_ Pin Code \_\_\_\_\_ whose photograph is attested  
 below belongs to Economically Weaker Sections, since the gross annual income\* of his "family"\*\*\* is  
 below Rs. 8 lakh (Rupees Eight Lakh only) for the financial year 2020-2021. His/ her family  
 does not own or possess any of the following assets\*\*\*:  
 I. 5 acres of agricultural land and above;  
 II. Residential flat of 1000 sq. ft. and above;  
 III. Residential plot of 100 sq. yards and above in notified municipalities;  
 IV. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.

2. Shri/ Smt. /Kumari \_\_\_\_\_ belongs to the \_\_\_\_\_

Caste which is not recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes  
 (Central List).

Signature with seal of office \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

Recent passport  
size attested  
photograph of  
the applicant

## ANNEXURE-II

### Proforma for Other Backward Class (OBC Certificate)

**(CERTIFICATE TO BE PRODUCED BY CANDIDATES FROM OTHER BACKWARD CLASSES APPLYING FOR ADMISSION TO CENTRAL EDUCATIONAL INSTITUTIONS (CEIs), UNDER GOVERNMENT OF INDIA)**

This is to certify that Shri/Smt./Kum. \_\_\_\_\_ Son/Daughter of  
Shri/Smt. \_\_\_\_\_ of Village/Town  
\_\_\_\_\_ District/Division\_\_\_\_  
\_\_\_\_\_ in the \_\_\_\_\_ State belongs  
to the \_\_\_\_\_ Community which is recognized as a backward class  
under:

- i) Resolution No. 12011/68/93-BCC(C) dated 10/09/93 published in the Gazette of India Extraordinary Part I Section I No. 186 dated 13/09/93.
- ii) Resolution No. 12011/9/94-BCC dated 19/10/94 published in the Gazette of India Extraordinary Part I Section I No. 163 dated 20/10/94.
- iii) Resolution No. 12011/7/95-BCC dated 24/05/95 published in the Gazette of India Extraordinary Part I Section I No. 88 dated 25/05/95.
- iv) Resolution No. 12011/96/94-BCC dated 09/03/96.
- v) Resolution No. 12011/44/96-BCC dated 6/12/96 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 11/12/96.
- vi) Resolution No. 12011/13/97-BCC dated 03/12/97.
- vii) Resolution No. 12011/99/94-BCC dated 11/12/97.
- viii) Resolution No. 12011/68/98-BCC dated 27/10/99.
- ix) Resolution No. 12011/88/98-BCC dated 6/12/99 published in the Gazette of India Extraordinary Part I Section I No. 270 dated 06/12/99.
- x) Resolution No. 12011/36/99-BCC dated 04/04/2000 published in the Gazette of India Extraordinary Part I Section I No. 71 dated 04/04/2000.
- xi) Resolution No. 12011/44/99-BCC dated 21/09/2000 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 21/09/2000.
- xii) Resolution No. 12015/9/2000-BCC dated 06/09/2001.
- xiii) Resolution No. 12011/1/2001-BCC dated 19/06/2003.
- xiv) Resolution No. 12011/4/2002-BCC dated 13/01/2004.
- xv) Resolution No. 12011/9/2004-BCC dated 16/01/2006 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 16/01/2006.

Shri/Smt./Kum.\_\_\_\_\_and/or his family ordinarily reside(s) in the\_\_\_\_\_District/Division of\_\_\_\_\_State. This is also to certify that he/she does not belong to the Persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the Government of India, Department of Personnel & Training

O.M. No. 36012/22/93-Estt.(SCT) dated 08/09/93 which is modified vide OM No. 36033/3/2004 Estt. (Res.) dated 09/03/2004 or the latest notification of the Government of India.

**Dated:**

**District Magistrate/Competent**

**Authority: Seal**

**NOTE:**

- (a) The term "Ordinarily" used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.
- (b) The authorities competent to issue Caste Certificates are indicated below:
  - i) District Magistrate / Additional Magistrate / Collector / Deputy Commissioner/ Additional Deputy Commissioner / Deputy Collector / 1st Class Stipendiary Magistrate / Sub-Divisional Magistrate/ Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of 1<sup>st</sup> Class Stipendiary Magistrate)
  - ii) Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
  - iii) Revenue Officer not below the rank of Tahsildar, and
  - iv) Sub-Divisional Officer of the area where the candidate and / or his family resides.
- (c) The annual income / status of the parents of the applicant should be based on financial year ending March 31, 2021.

**Declaration / Undertaking for OBC Candidates only**

I, \_\_\_\_\_ Son / Daughter of Shri \_\_\_\_\_  
resident of village / town / city \_\_\_\_\_ district \_\_\_\_\_ State \_\_\_\_\_  
hereby declare that I belong to the \_\_\_\_\_ community which is  
recognized as a backward class by the Government of India for the purpose of  
reservation in services admission in Central Government Institutions as per orders  
contained in Department of Personnel and Training Office Memorandum No.  
36012/22/93 – Estt. (SCT), dated 8/9/1993. It is also declared that I do not belong to  
persons / sections (Creamy Layer) mentioned in Column 3 of the Schedule to the  
above referred Office Memorandum, dated 8/9/1993, which is modified vide  
Department of Personnel and Training Office Memorandum No. 36033/3/2004 Estt.  
(Res.) dated 9/3/2004 or the latest notification of the Government of India.

I also declare that the condition of status / annual income for creamy layer of my  
parents / guardian is within prescribed limits as on financial year ending on March 31,  
2021.

**Place:**  
**Date:**

**Signature of the Candidate**

Applications without declaration / undertaking not signed by Candidates will be rejected.



**NO OBJECTION CERTIFICATE**

(Should be on the letter head of the employee's organization)

Ref. No.

Date:

To  
The Director  
National Institute of  
Technology Warangal  
506 004 Telangana

Sub.: No objection certificate for pursuing PDF at NIT Warangal

Dear Sir,

We have no objection if Dr. \_\_\_\_\_ an employee of our Organization / Institute, if selected and admitted to the PDF program on full time basis in the Department of \_\_\_\_\_ at NIT Warangal and we will relieve him/her from the job with a relieving for joining the PDF program.

It is certified that he / she has completed \_\_\_\_\_ years of service in our Organization / Institute as a regular employee.

Signature and Seal of Head of  
the Organization / Institute