

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL



CALL FOR
POST-DOCTORAL FELLOW (PDF) POSITIONS
JULY 2023 SESSION

INFORMATION BROCHURE

SELECTIONS TO POST-DOCTORAL FELLOWSHIP (PDF) PROGRAM FOR JULY 2023 SESSION

1. INTRODUCTION

The PDF Program in Full-time (FT) mode is 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
12. Humanities and Social Sciences
13. School of Management

2. SCHEDULE

Announcement of inviting Applications:	May 15, 2023
Last date to receive applications:	June 7, 2023
Announcement of shortlisted candidates for written test/ interview:	June 12, 2023
Written test/ interview:	June 21-23, 2023
Announcement of selected candidates:	June 30, 2023
Reporting by the selected candidates (tentatively):	July 24-27, 2023

NOTE: The application form is available at the end of this information brochure. The hard copy of the filled-in application along with all the required documents should be posted to the following address:

ASSOCIATE DEAN (ADMISSIONS),
ACADEMIC SECTION,
NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL
HANUMAKONDA-506004, TELANGANA, INDIA

3. ESSENTIAL QUALIFICATIONS

- i. Be a PhD degree holder in the relevant/ allied branch of Engineering/ Science/ Management/ Humanities and Social Sciences.

- 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.

4. SELECTION CRITERIA

- i. A proposal must be submitted by the aspiring post-doctoral 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 criterion in the selection process.
- ii. Candidate must have a **minimum of three SCI/ ESCI/ SCIE** indexed publications.
- iii. Reservations as per Government of India norms will be followed.

5. 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 Project Monitoring Committee (PMC) may evaluate the progress and recommend the extension.

6. FELLOWSHIP AND OTHER BENEFITS

- 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 fellowship may be terminated by the Institute at any point in time by giving one month notice based on the performance/ conduct of the fellow. Similarly, the post-doctoral fellow

must give one month notice if he/ she wants to discontinue the fellowship.

- iii. The post-doctoral fellows engaged by the Institute will not be eligible to receive any other fellowship from Government/ non-Governmental sources during the period of engagement.
- iv. 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 discontinues within one year of joining the fellowship, he/ she must return the contingency grant availed by him/ her.
- v. Medical facilities as applicable to an employee of the Institute will be extended to the post-doctoral fellow.
- vi. The post-doctoral fellows will also be provided with suitable Hostel/ Campus accommodation as per NIT Warangal norms if requested and if available.
- vii. The post-doctoral fellow will be allowed a maximum of 15 days casual leave on pro rata basis.
- viii. Women post-doctoral fellows are eligible for maternity leave subject to the following conditions:
 - a. They must have put at least six months service prior to proceeding on maternity leave.
 - b. The Institute PDF duration or service after rejoining from maternity leave should not be less than six months.
 - c. Maternity leave will be sanctioned on submitting the original medical certificate.
 - d. Fellowship for the maternity leave period will be given only on rejoining from maternity leave.

7. WORKS TO BE ASSIGNED

- i. A teaching load equivalent to 8 hours per week will be assigned to the fellow along with other related academic activities.
- ii. The post-doctoral fellow is expected to assist the mentor in writing external project proposals. Apart from quality research work, post-doctoral fellows 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.Sc. (Tech)/ MBA students.

8. TARGETS TO BE ACHIEVED DURING THE PERIOD OF ENGAGEMENT

- i. Minimum of one SCI/ ESCI publication per year with the post-doctoral fellow as the first author must be accepted or published.
- ii. The post-doctoral fellow will present a progress report to the 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 post-doctoral fellow.
- v. Any rights related to the IP generated out of post-doctoral research are as per the Institute's IPR policy published from time to time.

9. 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 April 1, 2023 as per the format given in the Annexure-I only is acceptable.
- For OBC-NCL candidates, OBC-NCL certificate issued on or after April 1, 2023 as per the format given in the Annexure-II only is acceptable along with undertaking.
- No Objection Certificate from the employer issued on or after May 15, 2023 only is acceptable (Annexure-III).
- Relieving certificate from the employer (at the time of admission).
- Photograph on the application form.
- Application fee payment receipt with transaction number.
- File-1: Research Project Proposal and Teaching Plan.
 - A research proposal/ plan formulated in association with the prospective mentor at NITW.

- 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).

10. LINK TO PAY THE APPLICATION FEE

The application fee is Rs. 1600/- for GEN/ GEN-EWS/ OBC-NCL candidates and Rs. 800/- for SC/ ST/ PwD candidates.

PDF Application Fee – GEN/ GEN-EWS/ OBC-NCL – July 2023

https://www.payumoney.com/webfronts/#!/index/PDFandPhD-ApplicationFee-GEN-GEN_EWS-OBC_NCL-INR1600

(Copy the above link and paste in the browser)

PDF Application Fee – SC/ ST/ PwD – July 2023

https://www.payumoney.com/webfronts/#!/index/PDFandPhD_ApplicationFee_of_SC-ST-PWD_category_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)

[This certificate MUST have been issued on or after 1st April 2023]

Certificate No. _____

Date: _____

VALID FOR THE YEAR 2023-2024

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/her family** is below Rs. 8 lakh (Rupees Eight Lakh only) for the financial year 2022-2023. His/her family does not own or possess any of the following assets***:
- 5 acres of agricultural land and above;
 - Residential flat of 1000 sq. ft. and above;
 - Residential plot of 100 sq. yards and above in notified municipalities;
 - 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

The income and assets of the families as mentioned would be required to be certified by an officer not below the rank of Tehsildar in the States/UTs.

Note:

- * Income covered all sources i.e. salary, agriculture, business, profession, etc.
- ** The term 'Family' for this purpose includes the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years.
- *** The property held by a 'Family' in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

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 1st 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, 2023.

Declaration/ Undertaking for OBC Candidates only

I, _____ Son/ Daughter of Shri/ Smt.
_____ 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, 2023.

Place:

Signature of the Candidate

Date:

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

No Objection Certificate for Post-Doctoral Fellow Position

(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 taking up Post-Doctoral Fellow Position at NIT
Warangal

Dear Sir,

We have no objection if Mr./ Mrs./ Ms. _____ an employee of our
Organization/ Institute, joining as Post-Doctoral Fellow on full-time basis in the Department
of _____ at National Institute of Technology, Warangal and we
will relieve him/her from the duty along with a relieving certificate.

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

Signature and Seal
Head of the Organization/ Institute

Note: No Objection Certificate issued on or after May 15, 2023 only is acceptable.

APPLICATION FORM
Application for Institute Post-Doctoral Fellow
July, 2023 Session
National Institute of Technology Warangal
Hanumakonda - 506004, Telangana, India

PHOTO

(Please type or write using BLOCK LETTERS)

Advertisement
Reference

Post Applied for

Department

1. Name in Full

(Please underline surname)

Married ☐

Single ☐

Male ☐

Female ☐

(Please tick)

2. Address:

Present

Permanent

Fax

Email

Telephone

Office

Mobile

3. Date of Birth:

Day	Month	Year
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4. Nationality

5. Present Employment:

Designation

Organization

Date of Joining

Scale of Pay Rs.

Pay Rs.

Total emoluments (per month) Rs.

6. (a) Which Category do you belong to? (you must tick one)

☐ General ☐ GEN-EWS ☐ OBC-NCL ☐ SC ☐ ST

(b) ☐ Please tick the box if you qualify for consideration under 'Person with Disability (PwD)'.

7. Areas of specialization: _____

8. Current areas of research: _____

9. Academic record starting with graduation: (please attach xerox copies of degree certificate)

Degree	College / University / Institute	NIRF Rank	Year of Joining	Year of Leaving	Percentage	Class / Division

10. Employment/Post-doctoral Experience [Particulars of your past position(s)]

Employer	Position held	Date of Joining	Date of Leaving	Pay with Scale of Pay

11. Names and addresses of three References (at least two of them should be familiar with your recent work)

Name			
Occupation or Position			
Address			

Fax			
E-mail			
Phone No.			

Please enclose the following two files with the application

12. 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.

13. File 2: List of publications with impact factor and whether the paper is SCI/ESCI indexed.

14. Attach a detailed CV

I hereby declare that I have carefully read and understood the instructions and particulars supplied to me, and that all entries in this form as well as the attached sheets are true to the best of my knowledge and belief.

Date:

Place: **Signature of the Applicant**

The completed application form along with all the required documents should be posted/sent to the following address:

To

**ASSOCIATE DEAN (ADMISSIONS)
ACADEMIC SECTION
NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
HANUMAKONDA – 506004, TELANGANA, INDIA.**