



**NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI**  
TAMIL NADU - 620 015

Advt No: NITT/MOSCP/DFW/2015

Date: 22.04.2015

Applications are invited from distinguished academic personnel / professional from Institutes, R&D Labs and Industries in India for recruitment of one Professor under the scheme of “**Ministry of Steel Chair Professor**”, Ministry of Steel, Government of India.

Prescribed application form, summary sheet and other details can be downloaded from the institute website [www.nitt.edu](http://www.nitt.edu)

The filled-in application form along with summary sheet and necessary documents should reach **The Registrar, National Institute of Technology, Tiruchirappalli – 620015, Tamil Nadu, India on or before ~~25.05.2015~~ Last date is extended up to June 9, 2015**

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**Director**



### **INFORMATION BROCHURE**

Appointment of “**Ministry of Steel Chair Professor**”, Ministry of Steel, Government of India.

#### **1. Appointment of Ministry of Steel Chair Professor**

Applications are invited from distinguished academic personnel / professionals from Institutes, R&D Labs, and Industry in India for effective teaching and commitment to enhance the research activities in the field of Metallurgical and Materials Engineering to develop the human resources to support future needs of steel plants, academia and R&D Institutions for recruitment of one “**Ministry of Steel Chair Professor**” under the scheme of Ministry of Steel Chair Professor, Ministry of Steel, Government of India.

**2. I) Qualifications:** Ph.D. in Metallurgy/Metallurgical Engineering / Materials Engineering / Metallurgical & Materials Engineering

#### **II) Experience:**

- (i) a) Ten years of teaching/ research experience after PhD  
b) Presently serving as Professor / Minimum of five years of experience at the level of Assistant Professor (V Pay Commission) / Minimum of three years of experience at the level of Associate Professor VI Pay Commission) / having retired as a Professor;
- (OR)
- (ii) 15 years of research/industrial experience out of which at least 5 years must be at a senior level (in case of candidates from Industry)

#### **3. Age Limit**

The age at the time of appointment of Ministry of Steel Chair Professor should not exceed 65 years. However, in case of exceptionally meritorious candidates the age limit may be relaxed.

#### **4. Emoluments**

(i) The salary of the Ministry of Steel Chair Professor would be fixed in the scale of Pay Band-4 and exact salary would be fixed by NIT Tiruchirappalli after taking into account all necessary criteria viz. qualification, experience etc. into consideration.

(ii) HRA of the Ministry of Steel Chair Professor, if any, will not be reimbursed.

(iii) In addition to the salary an allowance of **Rs. 25,000/-** per month (over and above the salary of the Chair Professor as fixed by the Institute) will be given. This additional salary will be termed as the ‘**Ministry of Steel Chair Professor Allowance**’.

(iv) Contingency of the Chair Professor would be given @ Rs. 2 lakh per year and travel expenses of Chair Professor would be given @ Rs. 1 lakh per year. However, these will be admissible subject to actual expenditure by the Chair Professor. Expenditure on foreign travel will not be given by Ministry of Steel.

## 5. Salient Features of the Scheme on “Ministry of Steel Chair Professor”

- (i) The scheme for Chair Professor will commence in 2015-16 and will run for three years (2015-16 to 2017-18).
- (ii) A chair for a professor of repute in **Metallurgical Engineering** would be created in institutes offering Metallurgical Engineering Course, subject to their willingness to accept the terms of the scheme. However, a working Professor will not be eligible to get salary from two sources.
- (iii) The Chair would be known as “**Ministry of Steel Chair Professor**” and would allow both working and retired professors.
- (iv) The selection of the Chair Professor would be as per the rules/ norm/ procedure laid down by the concerned institute.
- (v) In addition to the salary an allowance of **Rs. 25,000/-** per month (over and above the salary of the Chair Professor as fixed by the Institute) will be given. This additional salary will be termed as the ‘**Ministry of Steel Chair Professor Allowance**’.
- (vi) Contingency of the Chair Professor would be given @ Rs. 2 lakh per year and travel expenses of Chair Professor would be given @ Rs. 1 lakh per year. However, these will be admissible subject to actual expenditure by the Chair Professor. Expenditure on foreign travel will not be given by Ministry of Steel.

## 6. Monitoring

- (i) A Monitoring Committee will oversee the functioning of the scheme in the Institutes.
- (ii) Every year the Chair Professor will submit a report to the Ministry of Steel, highlighting the activities undertaken by him. The Monitoring Committee will review the progress annually after receiving the progress reports from the concerned institutes. Format for Progress Report is given below.
- (iii) The beneficiary Institutes would provide annual fund utilization certificate and also the budget requirement for the next year. Funds would be released by Ministry of Steel on receipt of the same. Each year one institute would organize a seminar on the work done by the Chair Professor, which will be attended by the Chair Professors of all the other institutes. The requisite fund for organizing the same would be funded from SDF. This seminar should preferably be organized during the year end or semester breaks, (June-July or December).

## 7 Annual Progress Report

### Format for Annual Progress Report for the Year \_\_\_\_\_

- a) Name of the Institution
- b) Name and Contact Details of the Incumbent (Chair Professor)
- c) Period of Appointment, Designation, Responsibility
- d) Objectives & Targets
- e) Major Achievements during the year (Research, Teaching & Administration)
- f) Supplementary Activities like Industry Visits, Collaborations, Invited Lectures, and Study Material generated etc.
- g) Goals and Deliverables for the next year
- h) Difficulties faced and Suggestions
- i) Level of Interaction with Industry & Academia

## **8. The Role of the “Ministry of Steel Chair Professor”**

The Chair shall be a distinguished academic position occupied by an eminent person who has a broad perspective of the core Metallurgical Engineering field. The Chair Professor shall champion and catalyse the activities in the core field of Metallurgical Engineering so that there could be tangible progress in the importance given to Metallurgical Engineering Education.

- (i) To initiate new academic programmes and consolidate existing programmes.
  - (ii) To initiate and provide expert guidance in R&D programmes supported by Government agencies and industry.
  - (iii) To provide academic and technical leadership in a Metallurgical Engineering area.
  - (iv) To improve interaction with industry through consultancy work and continuing education programmes.
  - (v) To undertake such other academic activities as may be relevant and in the interest of NIT Tiruchirappalli.
  - (vi) Lead and/ or assist in creating new fields of work in any of the core areas of Metallurgical Engineering.
  - (vii) Identify and initiate specific research and development projects with the potential for concrete socioeconomic impacts, and raise funds from government agencies, nongovernmental organizations [NGOs], industry, and other organizations to execute those projects.
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**NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI**  
TAMIL NADU - 620 015

**Application form for Ministry of Steel Chair Professor**

APPLICATION FOR THE POST OF **Ministry of Steel Chair Professor**

**DEPARTMENT** Metallurgical and Materials Engineering

RECENT PASSPORT  
SIZE COLOR  
PHOTOGRAPH TO BE  
AFFIXED

1. Name in Full (Capital Letters) : \_\_\_\_\_ Gender : Male/Female

2. Date of Birth : \_\_\_\_\_ Age : \_\_\_\_\_

3. Marital Status : \_\_\_\_\_

4. Citizenship Status :  
(tick the appropriate box)

**Citizen of India**

by Birth  By Domicile

5. Address to which Communications  
should be sent (also furnish email, fax,  
telephone number, if any) :

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E mail: \_\_\_\_\_

Phone: \_\_\_\_\_ Mobile: \_\_\_\_\_

6. Permanent Home Address :

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E mail: \_\_\_\_\_

Phone: \_\_\_\_\_ Mobile: \_\_\_\_\_

**7. (a) Educational Qualifications :**

<b>Degree</b>	<b>Discipline</b>	<b>University</b>	<b>Class</b>	<b>% of marks/CGPA</b>	<b>Year of passing</b>
Bachelor's Degree					
Master's Degree					
Ph.D. Degree					
Others (if any)					

**8. Details of M.Tech / Ph.D./ Post Doctoral Fellowship**

<b>Degree</b>	<b>Details</b>	
Ph.D	Ph.d Thesis Title	
	Research Area of Ph.D Thesis work	
	Date of award of Ph.D Degree	
M.Tech	M.Tech Dissertation Title	
	Area of M.Tech Dissertation work	
Post Doctoral Fellowship	No.of years of Post Doctoral Fellowship	
	Area of Specialization	
	Institute / R&D Lab	

**9. Professional Experience** (Teaching/Research/Industrial) in chronological order up to the present post

<b>Organization</b>	<b>Designation</b>	<b>From</b>	<b>To</b>	<b>Last pay band and Grade pay</b>

**10. Courses Taught during last 5 years (Add more rows if needed)**

<b>Course Title</b>	<b>Level (UG/PG)</b>	<b>Branch</b>	<b>No.of Times</b>

**11. Number of Courses developed (Add more rows if needed)**

<b>Course Title</b>	<b>Level (UG/PG)</b>	<b>Branch</b>

**12. Conducting Laboratory Classes during last 5 years (Add more rows if needed)**

<b>Course Title</b>	<b>Level (UG/PG)</b>	<b>Branch</b>

**13. Research Laboratory Developed (Add more rows if needed)**

Name of the Laboratory	Level (UG/PG)	Remarks

**14. Publications** (Give details of the following in separate sheets)

(a) Publication details (Give numbers) (Attach reprints of best 5 recent publications)

Sl.No	Nature	Published	Accepted
1.	Journals #	National (SCI)	
		International (SCI)	
2.	Conferences/Presentations (proceedings)	National	
		International	
3.	Books		
4.	Book Chapters		

# Attach a separate sheet with the list of all publications / presentations classified as National/ International along with science citation Index (SCI)

(b) PG Dissertations/Ph.D. thesis guided/co guided:

(i) No. of PG Dissertations guided

:

(ii) No. of Ph.D. thesis guided

:

(iii) No. of Ph.D. thesis Co-guided

(Attach the titles of the P.G./Ph.D.s guided)

:

(c) Awards, Prizes , Honours : \_\_\_\_\_



**15. Editor of Journals (Add more rows if needed)**

Name of the Journal	Name of the Publisher	National / International

**16. Reviewer of Journals (Add more rows if needed)**

Name of the Journal	Name of the Publisher	National / International

**17. Sponsored or consultancy Projects: (Add more rows if needed)**

Sl. No.	Title of the Project	Amount in Rs.	Funding Agency	Period	Remarks (Completed/ Ongoing)
1.					
2.					
3.					
4.					

**18. Patents:**

Sl. No.	Patents filled with detail	Patent issued (give details)	Patent Number
1.			
2.			
3.			

**19. Consultancy:**

Sl. No.	Name of Organization	Year	Amount (Rs.)
1.			
2.			
3.			

**20. No.of Short-term Courses / Workshop / Symposium / Seminar Conducted**

Type of the Course / Workshop etc.,	Name of the Course / Workshop etc.,	Sponsoring Agency	Period of Course	Coordinator / Co-Coordinator

**21. Administrative Experience (Department / Institutional Level):**

Sl. No.	Post Held	Function	Duration
1.			
2.			
3.			

**22. Professional Affiliation, Indian and Foreign (Membership of Societies, etc.)**

Organization	Year of induction	Grade of Membership	Remarks

23. Present Basic Pay: \_\_\_\_\_ Time required to join if post is offered: \_\_\_\_\_

24. Your Short-term Plans (2-3years time frame) for the development of research at National Institute of Technology, Tiruchirappalli. Also include research and Laboratory facilities (equipment, space, funds, manpower) that you will need for the same

(i) Research	
(ii) Laboratory Development	

25. List the courses you would like to develop at National Institute of Technology, Tiruchirappalli.

Course Title(s)	Level (UG/PG)

26. List the courses you would like to teach at National Institute of Technology, Tiruchirappalli.

Course Title(s)	Level (UG/PG)

27. Details of Operational / Research Experience in Steel Plant Operation / Process (in the case of applicant from industry):

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**28.Details of Interaction with steel industry, as evidenced by visits, lectures, Joint projects, Guidance of Students Projects, examinership, conducting training programmes for steel industry and interaction with leading academic Institutions (in the case of applicant from industry):**

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**29.Number of Countries Visited:**

Country Name	Period	Purpose of Visit

**30. Mention notice period needed for joining if offered a post:** \_\_\_\_\_

**31.Name two referees with complete contact details including address, Tel. Nos., Fax Nos., Email address**

(i).

(ii).

**32.Any other relevant information:**

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**33.List of Enclosures (Academic and Professional Qualifications) (Add more rows if needed)**

(i)	
(ii)	
(iii)	
(iv)	
(v)	

### 34. DECLARATION

I hereby declare that the information given above is correct and to the best of my knowledge and belief. I fully understand that if it is found at a later date that any information given in the application is incorrect/false or if I do not satisfy the eligibility criteria, my candidature/ appointment is liable to be cancelled/terminated.

Place :

Date :

**Signature of the Applicant**

### 35. Endorsement of the Present Employer:

The application of \_\_\_\_\_

(Name and Designation of applicant) for the post of **Ministry of Steel Chair Professor** in the department of **Metallurgical and Materials Engineering** NIT, Tiruchirappalli -15 is forwarded to the Registrar, National Institute of Technology, Tiruchirappalli - 620 015.

Date :

**Signature of the Head of the Institution/Industry with Seal**

**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI-620 015**

**SUMMARY SHEET**

(To be filled by the candidate)

**Post applied for: Ministry of Steel Chair Professor Department: Metallurgical and Materials Engg**

1.	Name and Address with Mobile No & E-mail ID:					
2.	Age/Date of Birth					
3.	Educational Qualifications:					
	Degree	Specialization	University	% of marks /CGPA	Class	Year
	UG					
	PG					
	Ph.D.					
	Others					
4.	Post Doctoral Specialization					
5.	Present Position, with salary details					
6.	Total Experience : Years <input type="text"/>		Post Ph.D. experience: Years <input type="text"/>			
	Teaching Experience					
	Research Experience					
	Industrial Experience					
7.	Publication details (give numbers)		International		National	
	Journal Papers					
	Conference Publications					
	No. of M.S./ M.Tech. Projects guided					
	No. of Ph.D. thesis guided					
	No. of Ph.D. thesis co guided					
8.	Books and/or Chapters Authored/Co-authored					
9.	Patents	Name of Patent		Year	Organization	
10.	Research projects/Consultancy	Name of Organization		Year	Amount	
11.	Awards/ Distinctions, if any-					
12.	Any other relevant information-					
<b>Place:</b>						
<b>Date:</b>		<b>Signature of the Applicant</b>				