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**Advertisement**, in NITT web site, dated July 28 2013,

for “**MINISTRY OF STEEL CHAIR PROFESSOR IN DEPT. MME**”

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**NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI**

NITT / MoS / Steel Chair / MME / VII 2013

(dated July 28, 2013)

Ref.:

1. Communication from Ministry of Steel, F. No. 11 (23) / SDF / 2005 – TW, dated April 30, 2013 – offering Chair and scholarships
2. Related internal records / deliberations of NIT Trichy

National Institute of Technology Tiruchirappalli (NITT) invites applications for “**Ministry of Steel Chair Professor in the Department of Metallurgical and Materials Engineering**”. The Steel Chair is funded, for five years, by the Ministry of Steel (MoS) (Gol), from 2013 – 14 to 2017 – 18. According to the MoS, “the Chair would allow both working and retired Professors”. NITT encourages – working and retired Professors – and also experts from the industry and leading research laboratories to apply for the Chair.

The Steel Chair Professor is expected to play a lead role in developing trained manpower for the Indian steel industry; teach courses (subjects) such as mineral processing, iron making, steel making, continuous casting; submit project proposals and initiate / sustain industry oriented research, in areas such as mineral processing, iron making, steel making, continuous casting; and mentor the recipients of Steel scholarships; and disseminate the findings of the research work being performed. In a nutshell, **the Steel Chair Professor (in MME, NIT Trichy) should be capable of acting as a catalyst to Indian steel industry**. The Chair Professor is also required to submit an annual report to the MoS, highlighting the activities undertaken.

The salary of the Chair Professor would be fixed in pay band – 4 and the exact salary would be decided by NIT Trichy, vide guidelines of MoS. HRA of the Chair Professor will not be reimbursed by MoS. (NITT may consider offering rent – free unfurnished accommodation in the NITT quarters.) In addition to the salary, the Chair Professor would receive a Chair Allowance of Rupees Twenty five Thousand per month and contingency and domestic travel funds, vide MoS Chair norms.

In case a faculty serving in NITT is appointed to the Steel Chair, the faculty (Steel Chair Professor) would continue to be in service in NITT and would continue to receive salary from NITT, but would also hold the honour (title) of Ministry of Steel Chair Professor for the tenure funded by MoS; and shall discharge the responsibilities of the Chair on top of his / her existing NITT responsibilities; and shall receive Chair Allowance (on top of NITT salary), contingency, domestic travel funds, vide MoS Chair norms.

Essential Qualifications:

- a. Ph.D.<sup>§</sup> in Metallurgy / Metallurgical Engineering / Materials Engineering / Metallurgical and Materials Engineering
- b. And UG or PG degree in Metallurgy / Metallurgical Engineering / Materials Engineering / Metallurgical and Materials Engineering
- c. TEN years of professional experience after PhD
- d. Presently serving as Professor; OR Minimum of five years of experience at the level of Assistant Professor (V Pay Commission), or at the level of Associate Professor (VI Pay Commission); or having retired as a Professor; (in the case of applicants from industry: experience at / above the level of Additional General Manager, as in Public sector undertakings); (in the case of applicants from GoI / research laboratories: experience at scales equivalent to that of full Professor)
- e. Teaching and research experience in ferrous metallurgy, as in extractive metallurgy, mineral processing, iron making, steel making, continuous casting, process metallurgy, process modeling, slags, fluxes, refractories, metallurgical thermodynamics, steel foundry practice; (experience in allied areas such as steel alloy development, steel rolling and weldability of steels, may also be considered); (in the case of applicants from industry: operational and research experience in steel plant operations / processes); (in the case of applicants from GoI / research laboratories: research experience in activities related to steel plant operations)
- f. Interaction with steel industry, as evidenced by visits, lectures, projects and conducting training programmes for steel industry; (in the case of applicants from industry / GoI / research laboratories – interaction with leading academic Institutions, as evidenced by visits, lectures, joint projects, guidance of student projects and examinership)
- g. Record of publications in cited areas – as in conference papers, journal publications, major technical reports and books / book chapters
- h. Experience in guiding students at the doctoral level
- i. Age NOT exceeding sixty – two<sup>\$\$</sup>, as on the last date for receipt of applications

Desirable Qualifications:

- Clear and distinct vision for contribution to NITT and to the Indian steel industry, as evidenced by a plan of action
- International exposure, as evidenced by higher education / post doctoral research / exchange programmes / collaborative research / training programmes, exceeding two months
- Active participation in professional bodies, related to steel / metals

Interested candidates may please submit their bio-data, copy of two journal publications, names of two professional references and an indicative plan of action (of about five hundred words), to:

**The Director, National Institute of Technology Tiruchirappalli**, Tiruchirappalli 620 015, on or before August 26, 2013. A **soft copy** of the above may also please be sent to [director@nitt.edu](mailto:director@nitt.edu).

It is expected that shortlisted applicants would be invited for discussion, at NIT Trichy, in the first half of September 2013. The selected candidate should be willing to take up the Chair within one month of receiving the formal letter of appointment. Queries, if any, may be addressed to the Director, NIT Trichy.

The Institute reserves the right to modify the terms and conditions of the advertisement. The decision in appointment of Chair Professor / processing of applications would also be subject to any modifications announced by MoS, in the intervening period.

**\$: IN CASE of exceptionally senior applicants from steel / allied heavy industries, such as with experience at the Board level (Director), as in PSUs, NITT may waive the need for an earned doctorate.** However, such non – PhD applicants should have both UG and PG degrees in Metallurgy / Metallurgical Engineering / Materials Engineering / Metallurgical and Materials Engineering; and **should have demonstrated accomplishments in research and potential for teaching ferrous metallurgy.**

**\$\$: IN CASE of exceptionally qualified applicants, in the age group of sixty two – sixty eight (as on the last date for receipt of applications), the Chair may be offered for a period of two years only.**

DIRECTOR / July 28, 2013