

Department of Biotechnology & Medical Engineering

A National Conference on
Socio-Economic Development :
Challenges before Women Scientists,
Technologists & Engineers

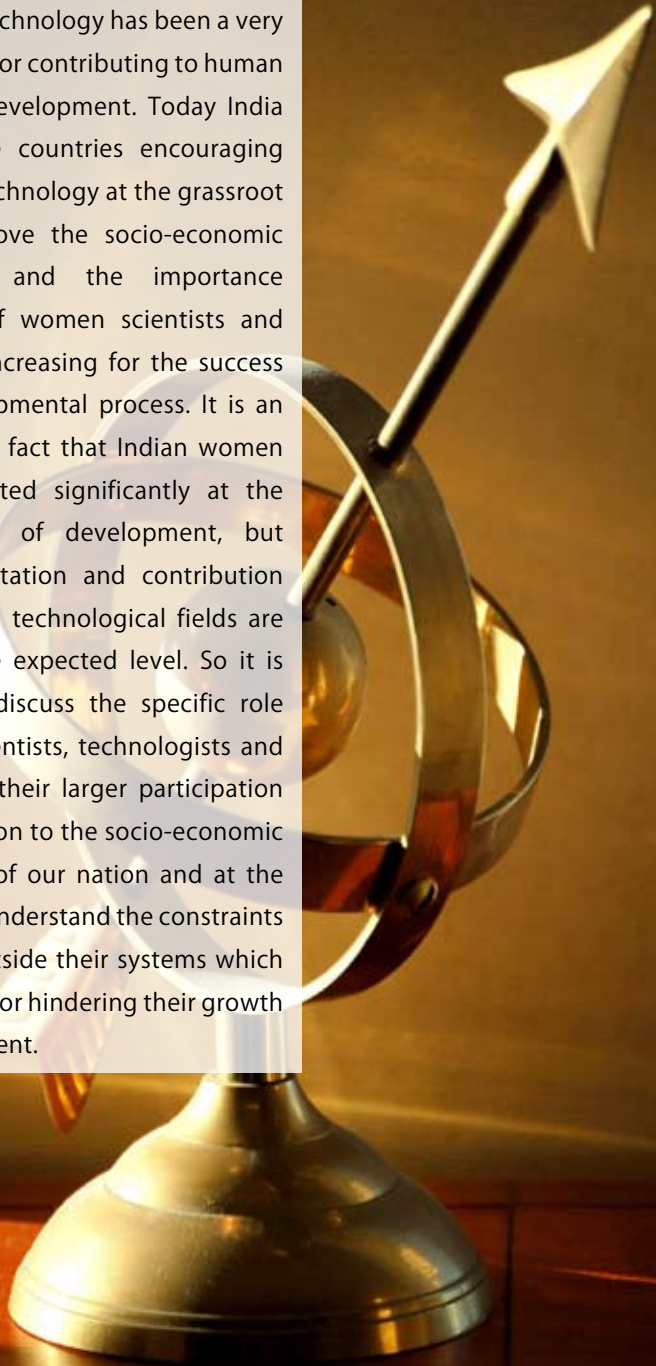


NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA -769008, ORISSA.

February 13 -15, 2009

BACKGROUND

Science and Technology has been a very important factor contributing to human welfare and development. Today India is one of the countries encouraging science and technology at the grassroots level to improve the socio-economic development and the importance of the role of women scientists and engineers is increasing for the success of this developmental process. It is an acknowledged fact that Indian women have contributed significantly at the various levels of development, but their representation and contribution in science and technological fields are still below the expected level. So it is necessary to discuss the specific role of women scientists, technologists and engineers for their larger participation and contribution to the socio-economic development of our nation and at the same time to understand the constraints within and outside their systems which might be a factor hindering their growth and development.



OBJECTIVES

- To provide a common platform for women scientists, engineers and technologists to disseminate knowledge, share experiences and discuss their role and activities for taking up challenges in promoting social and economic development of our nation
- To identify areas of science and technology to which women scientists and technologists can make more effective contribution
- To create a growing commitment and confidence among women towards building of a strong nation by their larger participation in Science, Technology and Engineering fields
- To understand the critical role of women in science and technology fields

THEMES

Human Resource Development & Management	Agricultural & Rural Development	Technological Development	Medicine & Health Care
Education	Population Growth	Indian Economy	Globalization
Social Responsibility		Panel Discussion/Round Table Session	

Group of eminent women scientists, Engineers, Technologists, Administrators, Social workers, Entrepreneurs, Industrialists, Doctors, representatives from NGO's will be invited to discuss and share their views on the challenging role of women in nation's developmental process

TECHNICAL EXHIBITION

A technical exhibition will be organized during the conference to highlight the advances made in process technologies, products, instruments, equipments etc. particularly from companies involving women entrepreneurs and managers.

EXPECTED OUTCOME

- The conference will strengthen the role of women across the country towards the building of a strong nation by their larger participation in Science, Technology and Engineering fields.
- The conference will give an excellent opportunity to the participants and delegates for networking among women researchers across the country

- Recommendation will be made to ICMR, CSIR, DST, DBT, UGC, ICSSR, MHRD and similar agencies to appropriately support Women Scientists and Technologists to promote their scientific and technological developmental activities.
- The message of the conference will be carried forward by the delegates to other women across the country.

PARTICIPANTS

Women Scientists, Engineers, Technologists and Research students from academic institutions, Research organizations and industry.

REGISTRATION FEE

Delegates from Industries/Govt. Agencies	Rs. 3000
Delegates from Academic Institutions/ Research Organization	Rs. 1000
Research Students	Rs. 400

Registration fee in the form of DD drawn in favour of Coordinator CWSTE-2009, NIT Rourkela alongwith registration form in the prescribed format has to be sent to the Convenor on or before 25th December 2008. The registration form can also be downloaded from institute website (www.nitrkl.ac.in). The selected participants will be informed through the Institute website, post and by email. The detail programme schedule will be sent to the participants through email communication.

ACCOMMODATION AND TRAVEL

All the participants will be provided with free board and lodging facilities. Travel expenses, limited to round trip sleeper class train fare will be reimbursed to bonafide research students below the age of 32 years by the shortest route to Rourkela. Students are advised to avail railway concession when provided by their respective institution.

ADVERTISEMENT TARIFF

Back cover (Colour)	Rs. 20,000 & above.
Inside front and back cover (Colour)	Rs. 15,000 & above.
Full page (Colour)	Rs. 10,000 & above.
Half Page (Colour)	Rs. 6000 & above.
Stall and Banners	Rs. 20,000 & above.

SPONSORSHIP

Industries, R&D Institutions & Equipment Manufacturers are requested to sponsor this strategic seminar. Sponsoring and cosponsoring organization will be entitled to send delegates free of registration fee as indicated below:

Category	Contribution	Privileges
Principal Sponsor	Rs. 50,000	4 delegates free and one full page advertisement
Sponsor	Rs. 40,000	3 delegates free and one full page advertisement
Cosponsor	Rs. 25,000	2 delegates free and one full page advertisement

ABOUT ROURKELA

Rourkela is located at 84.54E longitude and 22.12N latitude in Sundargarh district of Orissa at an elevation of about 219 meters above mean sea level. The area of Rourkela city is 200 square kilometers approximately. Red and laterite soils are found here which are quite rich in minerals. The area near Rourkela is rich in iron-ore hence a steel plant is situated in Rourkela. Rourkela is situated in a hilly region which adds to the natural beauty of the city. The Koel and Sankha rivers meet at Vedvyas, Rourkela and flow as a single river called Brahmani. Hence Rourkela is the confluence of Koel, Sankha and Brahmani.

Rourkela is the third largest city in Orissa. It is surrounded by a range of hills and encircled by rivers. One of the largest steel plants of the Steel Authority of India Limited is situated here.



ABOUT THE INSTITUTE

The National Institute of Technology Rourkela was founded as the Regional Engineering College on 15th August 1961. The institute was declared as the National Institute of Technology with Deemed to be University status on 26th June 2002 and subsequently the institute has become an Institute of National importance under the Act of Parliament on 15th August 2007. NIT Rourkela is a prestigious institute which provides quality education in a diverse and multi-cultural environment. It not only imparts state of the art training to students to make them competent and inspired engineers, but also inculcates human values and builds up awareness about the self as well as the society around us. The location of the institute is about 8 km from Rourkela Railway station and 2 kms from Central Bus-stand. It is well connected to four state capitals and airports at Bhubaneswar, Ranchi, Raipur and Kolkata by road and rail.

ABOUT DEPARTMENT

The conference is coordinated by the Department of Biotechnology & Medical Engineering. The department established in 2007, is growing rapidly. The department offers undergraduate, post graduate and doctoral programmes in Biotechnology and BioMedical Engineering. The young Department has a superior faculty and sophisticated laboratory facilities.



CALL FOR ABSTRACTS / PAPERS

Abstract of research/ technical papers followed by the full paper are invited based on the theme of conference. After scrutiny by the technical committee, the selected papers will be published in conference proceeding. Selected papers will be arranged for oral or poster presentation in the conference. Abstracts can be sent by e-mail or as hard copies. Full paper must be submitted in both hard and soft copies. Format for preparing camera ready papers for publication in proceeding will be provided in due course.

Correspondence is being made for the publication of selected papers in journals

GUIDELINES FOR THE SUBMISSION OF PAPERS

Language	English
Abstract	250 words
Full paper	1500-2500 words
Font	Times New Roman, 12point
Spacing	1.5

A brief biodata of the authors should also be sent along with the papers.

IMPORTANT DATES TO REMEMBER

Receipt of abstract	15 th Dec 2008
Intimation of acceptance	20 th Dec 2008
Receipt of full paper	30 th Dec 2008



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REGISTRATION FORM

A National Conference on

*“Socio-Economic Development : Challenges before Women Scientists,
Technologists & Engineers”*

February 13-15, 2009

Organized by

NIT Rourkela – 769008

Name:	
Title:	
Date of Birth:	
Designation:	
Institution:	
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Fax:	
Telephone No.:	
Organization Website:	
Diet Requirements (TICK):	
<input type="checkbox"/> Vegetarian	<input type="checkbox"/> Non-vegetarian
Accommodation Required:	Yes <input type="checkbox"/> No <input type="checkbox"/>
Place:	Signature
Date:	

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	Prof. Sirsendu Roy	
	Prof. B. Nayak	
	Prof. S. Paul	
	Prof. Amit Biswas	

ADDRESS FOR CORRESPONDENCE

Dr. (Mrs.) Krishna Pramanik

Professor & Convenor

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Venue : National Institute of Technology Rourkela, Orissa.

Date : February 13-15, 2009