

Dr. Ram Meel

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Dr. R. Gurjar, Civil Engg. Dept., IIT Roorkee

Dr. K. Dubey, Chemistry Dept., Allahabad University

Dr. C.C. Sharma, Env. Science Dept., Central Univ. of Raj., Ajmer

Dr. P. C. Vyas, Ex Chairman, Board of Sec. Ed., Raj., Ajmer

Dr. S. Verma, Ex Chairman, Board of Sec. Ed., Raj., Ajmer

Dr. R.K. Upadhyay, Chemistry Dept., NREC, Khurja

Dr. Vineeta Sareen, Chemistry Dept., UOR, Jaipur

Dr. J.K. Sharma, Chemistry Dept., UOR, Jaipur

Dr. A. B. Gupta, Civil Engg. Dept., MNIT, Jaipur

Dr. R. Bha Meel, Civil Engg. Dept., MNIT, Jaipur

Dr. R.K. Vyas, Chemical Engg. Dept., MNIT, Jaipur

Dr. C.D. Gupta, Chemistry Dept., MNIT, Jaipur

Dr. R. Bha Meel, Chemistry Dept., MNIT, Jaipur

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Dr. R. Bha Meel, Chemistry Dept., MNIT, Jaipur

Dr. R. Bha Meel, Chemistry Dept., MNIT, Jaipur

EMINENT INVITED SPEAKERS

Prof. R.K. Sharma, Chemistry Dept., Delhi Univ., Delhi

Dr. Satish Kumar Awasthi, Chemistry Dept., Delhi Univ. Delhi

Dr. Pramod Kumar Gupta, Civil Engg. Dept., IIT Roorkee

Prof. Vimal Bhanot, (Environmentalist) ECE Dept., BITS, Pilani

Dr. T.I. Khan, Indira Gandhi Centre for HEPP, UOR, Jaipur

Dr. Meena Nagar, Chemistry Dept., UOR, Jaipur

Dr. Sanjay Mathur, Civil Engg. Dept., MNIT, Jaipur

Dr. Nivedita Kaul, Civil Engg. Dept., MNIT, Jaipur

Dr. Garima Kaushik, Env.science Dept., Central Univ. of Raj., Ajmer

IMPORTANT DATES

Abstract Submission: 12th February, 2014

Intimation of Acceptance: 14th February, 2014

REGISTRATION FEES

Students/ Research Scholars : Rs. 250/-

Faculty members : Rs. 500/-

Industrial and Other delegates : Rs. 750/-

ORGANISING COMMITTEE

Convener:

Prof. Archana Saxena

Co-Conveners:

Prof. Sangeeta Vyas, Dr. Sharda Soni and Dr. Vinita Sharma

Secretaries:

Dr. Swati Joshi, Dr. Meena, Dr. Anurag Sharma,

Dr. Poonam Ojha, Dr. Tanmoy Kumar Saha

Members:

Dr. Sangeeta Gupta, Dr. Pramila Kumawat, Dr. Shalini Shekhawat,

Dr. Jyoti Arora, Mr. C.P.Jain, Mr. Nawal Kishore Jangid, Mr. U.K. Sharma,

Ms. Komal Sharma, Ms. Nivedita Gupta, Ms. Surbhi Sharma,

Mr. Vivek Vijay, Mr. P.K. Jain, Mr. BrajRaj Sharma, Dr. Komal Sharma,

Mr. Ajay Sharma, Ms. Chitra Manro, Dr. Bhawna Dalela, Dr. Manasvi Dixit,

Mr. Rajiv, Mr. I.B. Abrol, Dr. Nidhi Sharma, Dr. Anupriya Singh,

Ms. Neha Purohit, Ms. Sheeba Anjum, Dr. Lalit Gahlot,

Ms. Deepa Sarabhai, Mr. Hansraj Meena, Mr. Goverdhan Lal Chawla,

Mr. Abhishek Agarwal, Mr. Manniram Chaudhary, Mr. Jagdish Rai Chaudhary

CONTACTS

Dr. Anurag Sharma - 9460386437

Dr. Tanmoy Kumar Saha - 9587174659

ndgt14@gmail.com

draschem@gmail.com

http://www.skit.ac.in



DST
Sponsored

NATIONAL CONFERENCE

On

“New Dimensions in Green Technology for Sustainable Development” (NCNDGS - 2014)

21st -22nd February 2014

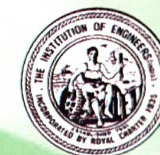
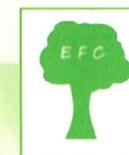
Supported By

Eco Friends Club, SKIT, Jaipur,

Indian Society for Technical Education

The Institution of Engineers (India) Rajasthan

State Centre, Jaipur



Organized by



Department of Chemistry
Swami Keshvanand Institute of Technology,
Management & Gramothan,
Jaipur-302017

ABOUT SKIT

It is a premier centre of technical education in northern India, possessing well developed infrastructure, facilities and an atmosphere conducive to learning. The Institute offers various undergraduate and postgraduate courses in the field of Engineering and Management. The institute is affiliated to Rajasthan Technical University, Kota and also five of the B.Tech branches are accredited by National Board of Accreditation.

DEPARTMENT OF CHEMISTRY

The department started its academic & research activities in the year 2000 with the admission of its first batch of under graduates. The department has good liaisoning with various national institutes. The department has developed its facilities in such a way that students can practice self-study and undertake other curricular activities. Department is engaged in various activities of teaching and research in association with University of Rajasthan Jaipur and MNIT Jaipur.

OBJECTIVES OF THE CONFERENCE

The main objective of the conference is to provide the platform to exchange information of concerning fields and subjects of interest amongst different research groups. This will provide an opportunity to study the recent advances in all disciplines of Chemistry and Environment to meet the diverse challenges thrown by industrialization and globalization. Deterioration of our environment needs significant attention.

The conference aims at bringing together Scientists, Industry Professionals and Researchers with multidisciplinary professional background in Chemistry and Environmental Sciences, where they will get ample opportunity to share and discuss the latest scientific results, views and developments in their respective fields.

The conference will help to get a comprehensive view on what has already been done and future prospects to design effective and sustainable approaches to ensure safe environment. Significance of nanotechnology to resolve the environmental issues will be discussed in the light of green chemistry. Environmental friendly research in the field of biotechnology will also be highlighted.

BROAD THRUST AREAS

The Themes of the present conference have been considerably kept broad to encourage the positive and wide discussion on the subject. Potential topics to be addressed in this conference include

1. Environmental pollution & management
2. Environmental problems, analysis and mitigation
3. Nanotechnology and environment
4. Biotechnology and environment
5. Waste minimization at source
6. Air quality monitoring and management
7. Water quality analysis and management
8. Water treatment
9. Desalination
10. Chemical & toxic waste management
11. Non conventional sources of energy
12. Sustainable agricultural and integrated pest management
13. Green computing
14. Environmental ethics and legislation

However, any topic related with green technology is also invited.

CALL FOR PAPERS

Participants are requested to submit abstracts of research and review papers, [A-4 size, typed in MS WORD format, Times new roman, 12 font and 1.5" line spacing] for oral / poster presentation along with duly filled registration form by e – mail latest by 8th Feb 2014.

ACCOMODATION

Accommodation can be arranged in college hostel/ near by hotels on request. The payment will be made by participant.



REGISTRATION FORM

NATIONAL CONFERENCE ON

"NEW DIMENSIONS IN GREEN TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT" (NCNDGS - 2014)

21st – 22nd February, 2014

Name:.....

Designation:.....

Organization:.....

Address:.....
.....
.....

Phone:.....

Email ID:

I propose to a) present a paper

b) attend the conference

Title of the Paper.....
.....
.....

Registration Category : Student/Research Scholar /

Faculty member/ Industrial and Other delegate

Registration Fees: Cash/ DD (In Favour of Swami Keshvanand

Institute of Technology, Payable at Jaipur)

Amount..... DD No.....

Dated : Issued by Bank

Accommodation Required: Yes / No



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
Department of Chemistry

DST Sponsored

NATIONAL CONFERENCE ON
“New Dimensions in Green Technology for Sustainable Development”
(NCNDGS - 2014), 21-22 February 2014

Report of the Conference

It is a matter of great pleasure that Department of Chemistry of Swami Keshwanand Institute of Technology, Management & Gramothan, Jaipur has successfully organized a national conference on “New dimensions in Green technology for sustainable Development” (NCNDGS-2014) on 21-22 Feb, 2014. The conference was supported by DST Delhi with Rs, 75000/-. The organizers are thankful to DST for their support.

In the age of speedy advancement in all fields of industrialization and urbanization, it is high time to take care of issues of environmental concern. It is therefore essential that engineers, researchers and other stakeholders should promote green technologies to protect environment for sustainable development. By attending / presenting a research paper in the conference engineers and other stakeholders became updated with the emerging trends.

The National Conference provided a forum for interaction amongst researchers, academicians, industry executives and other professionals to discuss and share innovative approaches.

The conference attained its objectives with 9 talks of invited speakers, Approx 100 paper presentations (oral and poster). Participation from Delhi Univ., Raj. Univ. Jaipur, Central Univ Kishangarg, MNIT Jaipur, NIT Suratkal Govt. and Pvt. Engg. colleges made the event successful. More than 400 students of SKIT attended the conference.

Prof. (Dr.) Archana Saxena
Convenor - **NCNDGS - 2014**
Head, Dept. of Chemistry, SKIT, Jaipur

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
Department of Chemistry
DST Sponsored
NATIONAL CONFERENCE ON
"New Dimensions in Green Technology for Sustainable Development"
(NCNDGS - 2014), 21-22 February 2014

Schedule of the Conference

Day One

Friday, 21 February 2014

Venue – Seminar Hall (ME Block)

Session-I

8:00am - 9:00am : **Registration**

9:00am -10:00am: **Inauguration**

10:00am - 10:30am:

Keynote Address - Prof. R.K. Sharma, Chemistry Dept., Delhi Univ., Delhi
(Green Chemistry and Technology for Sustainable Development)

10:30am -11:00am: High Tea

Session-II

11:00am-11:30am: **Invited Talk-I**

Dr. Pramod Kumar Gupta, Civil Engg. Dept., IIT, Roorke
("Recycling of concrete for sustainable development")

11:30am-12:00am: **Invited Talk-II**

Prof. R.K. Upadhyay, Chemistry Dept., NREC, Khurja ("Studies on antimicrobial and dyeing potentials of some new oxazolidinones derivatives")

12:00am-1:00pm: **Oral Presentation** (Seminar Hall I) Chairperson- Prof. V.P. Singh, Chemistry Dept., NREC, Khurja

12:00am-1:00pm: **Oral Presentation** (Seminar Hall II) Chairperson-Dr.Garima Kaushik

1:00pm - 2:00pm: Lunch

Session-III

2:00pm -2:30pm : **Invited Talk-III**

Dr. Garima Kaushik, Env.science Dept. Central Univ. kishangarh, Ajmer ("Bioremediation- A Biotechnological tool for environmental sustainability")

2:30pm - 3:00pm: **Invited Talk-IV**

Ms. Divya Singh, Department of Chemical Engg. NIT Suratkal, (NGO-BODH)
("Enivronmentel issues and ethics")

3:00pm - 3:30pm: Tea

3:30pm - 5:00pm: **Poster Presentation**, Chairperson- Dr. Garima Kaushik

Day Two

Saturday, 22 February, 2014

Venue : Seminar Hall (ME Block)

Session-IV

9:00am - 9:45am : **Invited Talk-V**

Prof. Vimal Bhanot (Retd.), ECE Dept. BITS, Pilani
("Fundamental hurdles in implementing green technology")

9:45am - 10:30am : **Invited Talk-VI**

Dr. Sanjay Mathur, Civil Engg. Dept. MNIT, Jaipur
("Green technology in building sector")

10:30am - 11:00am : Tea

Session-V

11:00am - 11:45am : **Panel Discussion: "Nano Technology & its singnificance for environmental issues."**

Dr. Satish Awasthi Chemistry Department University of Delhi

Dr. Archana Saxena Chemistry Department, SKIT Jaipur

Mr. Praveen Jain ECE Department SKIT Jaipur

Mr. Aamir Hussain Bhat Env. Department Central University, Ajmer

11:45am-12:30pm : **Invited Talk-VII**

[Dr. Satish Kumar](#) Awasthi, Chemistry Dept., Delhi Univ. Delhi (Chemistry for Human Welfare: Promises and Concern")

12:30pm-1:00pm : **Invited Talk-VIII**

Mr. Sunil Kumar Saxena, VP, BLK Ltd., New Delhi, (Precast and Prefab Technology)

1:00pm-2:00pm : Lunch

Session-VI

2:00 pm-2:45pm: **Invited Talk-IX**

Dr. Nivedita Kaul, Department of Civil Engineering, MNIT, Jaipur, ("Indoor air quality of Urban India: problems, status and preventions")

2:45pm -3:45pm: **Poster Presentation** Chairperson-Prof.K.D.Gupta, Chemistry Dept. MNIT, Jaipur

3:45pm - 4:00pm : Tea

4:00pm -5:00pm : **Valedictory Function**



Telegram : Sciencetech
दूरभाष / Tel : 26962819, 26567373,
26562134, 26562122 (EPBAX)
फैक्स / Fax : 26569908, 26864570,
26863847, 26862418

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलॉजी भवन, नया महरौली मार्ग
नई दिल्ली-110 016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY,
DEPARTMENT OF SCIENCE AND TECHNOLOGY,
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD,
NEW DELHI-110 016

SB/SS/1114/13-14

(Kindly quote this File no. in future reference)

06/02/2014

Prof. Archana Saxena,
Swami Keshvanand Institute of Technology, Management and Gramothan,
Jaipur- 302 017.
Mail Id- draschem@gmail.com, ndgt14@gmail.com

Dear Madam,

With reference to your application regarding Grant-in-aid for organizing National Conference on "**New Dimensions in Green Technologies for Sustainable Development**" being held during **21-22 Feb., 2014**. We are happy to inform you that SERB has agreed in principle to provide **₹ 75,000/- (Rupees Seventy Five Thousand Only)** for this event. This grant is only to meet the expenses related to TA/DA to Young and Senior Indian scientists and pre-conference printing.

We need bond on the non-judicial stamp paper of Rs.10/- (Format attached).

You are requested to take the action at the earliest so that we can issue the sanction order.

Thanking you,

Yours faithfully,

(Pawan Kumar)
Junior Analyst/SERB
Ph. No. 011-26590290

राजस्थान सरकार
विज्ञान एवं प्रौद्योगिकी विभाग
१०६, चतुर्थ मंजिल, मिनी सचिवालय, बनीपार्क, जयपुर

क्रमांक: प ७(१७)(ii)वि.प्रौ./नैनो./२०१३/३५२५

जयपुर, दिनांक: १८.८.१४

कार्यालय आदेश

राज्य सरकार के आदेश क्रमांक: १३(१२६)वि.प्रौ./आयोजना/प्र.स्वी./२०१२-१३/३३७२-४०८ दिनांक: १६.०४.२०१३ के द्वारा वर्ष २०१३-१४ के लिये आयोजना (पूर्व दायित्व मद में) राशि रु. १०८९.७१ लाख (अक्षरे रुपये एक हजार नवासी लाख इक्कत्तर हजार मात्र) की प्रशासनिक एवं वित्तीय स्वीकृति प्रदान की गई है। सहायकतार्थ अनुदान मद में विभिन्न कार्यक्रम आयोजित करने हेतु १७४.४५ लाख (अक्षरे रुपये एक सौ चौहत्तर लाख पेटालीस हजार मात्र) की राशि स्वीकृत की गई है।

वित्तीय वर्ष २०१३-१४ में उक्त स्वीकृत राशि में से विभागीय समन्वय से नैनो टेक्नोलॉजी क्षेत्र में दो दिवसीय "National Conference on New Dimensions in green technologies for sustainable development (NCNDGS-2014)" को आयोजित करने हेतु रजिस्ट्रार, स्वामी केशवानन्द, इन्स्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेन्ट एण्ड ग्रामोथान, रामनगरीया जगतपुरा, जयपुर ३०२०१७ को राशि रु. ०.२५ लाख (अक्षरे रुपये पच्चीस हजार मात्र) दिये जाने की स्वीकृति एतद् द्वारा प्रदान की जाती है।

उक्त स्वीकृत राशि रु. ०.२५ लाख (अक्षरे रुपये पच्चीस हजार मात्र) का आहरण अनुसंधान अधिकारी (आहरण एवं वितरण अधिकारी) विज्ञान एवं प्रौद्योगिकी विभाग, जयपुर द्वारा आहरित कर Director, Swami Keshvanand Institute of Technology, Management & Gramothan, Ramnagariya Jagatpura, Jaipur-302017 को राशि रु. ०.२५ लाख (अक्षरे रुपये पच्चीस हजार मात्र) ऑन लाईन से भेजी जायेगी।

यह व्यय वित्तीय वर्ष २०१३-१४ में निम्न बजट मद से प्रभाव्य होगा :-

मांग संख्या	११	-	विविध सामाजिक सेवायें
	३४२५	-	अन्य वैज्ञानिक अनुसंधान
	०१	-	भारतीय सर्वेक्षण
	८००	-	अन्य व्यय
	(०६)	-	जैव प्रौद्योगिकी
	[००]	-	[-]
	१२	-	सहायतार्थ अनुदान/अंशदान/सहाय
	(iv)	-	वर्कशॉप/सेमीनार/मीटिंग्स/कान्फ्रेंस
	ii	-	नैनो टेक्नोलॉजी

यह राशि रु. ०.२५ लाख (अक्षरे रुपये पच्चीस हजार मात्र) को अनुसंधान अधिकारी (आहरण एवं वितरण अधिकारी) मुख्यालय जयपुर द्वारा आहरित कर Director, Swami Keshvanand Institute of Technology, Management & Gramothan को भुगतान किया जाये। जिसका विवरण निम्नानुसार है :-

Name of the Beneficiary	Director, Swami Keshvanand Institute of Technology, Management & Gramothan
A/c No.	142102000000471
IFSC/RTGS Code	IBKL0000298
Bank Name &	IDBI Bank, Tonk Road, Jaipur

Address	
Branch	IDBI Bank, Tonk Road, Jaipur
Nodal Officer	Prof. (Dr.) S.K. Calla, Principal and Director (Development and Welfare) Swami Keshvanand Institute of Technology, Management & Gramothan
Mob:	0141-2752165/67

उक्त परियोजना की स्वीकृति निम्न मुख्य शर्तों के साथ लागू होगी :-

1. स्वीकृत राशि की प्राप्ति रसीद इस विभाग को भिजवायी जावे।
2. राशि जिस कार्य हेतु स्वीकृत की गयी है, केवल उसी कार्य पर मितव्ययता के साथ व्यय की जावे।
3. कार्य समाप्ति पर कार्यशाला की विस्तृत रिपोर्ट मय उपयोगिता प्रमाण पत्र एवं आय व्यय विवरण जो अंकेषक/सक्षम लेखा प्रभारी द्वारा सत्यापित हो, को निर्धारित प्रपत्र में (3 प्रतियों में) विभाग को शीघ्र भिजवायी जावे।
4. अनुदानित राशि से क्रय की गई सम्पत्ति का रजिस्टर संधारित किया जावे।
5. कार्यशाला रिपोर्ट एवं समस्त प्रचार प्रसार सामग्री में प्रमुखता से विज्ञान एवं प्रौद्योगिकी विभाग, राजस्थान सरकार का नाम उल्लेखित किया जाना अनिवार्य होगा।
6. स्वीकृत राशि का उपयोग विभाग द्वारा निर्धारित मदों में किया जा सकेगा।
7. सेमीनार की आउट कम्स/रिपोर्ट/रिकमण्डेशनस् प्रमुखता से सभी वेबसाईट्स पर प्रसारित की जावेगी।
8. उक्त कार्यशाला विज्ञान एवं प्रौद्योगिकी विभाग के समन्वय में आयोजित की जावेगी।

निदेशक

क्रमांक: प 7(17)(ii)वि.प्रौ./नैनो./2013/ 3426-37

जयपुर, दिनांक: 18.7.14

प्रतिलिपि निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है :-

1. महालेखाकार (आडिट/लेखा एवं हक) राजस्थान, जयपुर।
2. कोषाधिकारी कोष कार्यालय, जयपुर।
3. विशेषाधिकारी-द्वितीय, विज्ञान एवं प्रौद्योगिकी विभाग, जयपुर।
4. उपनिदेशक आयोजना/स. लेखाधिकारी विज्ञान एवं प्रौद्योगिकी विभाग, जयपुर।
5. अनुसंधान अधिकारी (आहरण एवं वितरण अधिकारी) विज्ञान एवं प्रौद्योगिकी विभाग, जयपुर।
6. कनिष्ठ लेखाकार (उपयोगिता प्रमाण पत्र)/ लेखाशाखा, विज्ञान एवं प्रौद्योगिकी विभाग, जयपुर। (तीन प्रतियों में)?
7. Prof. (Dr.) S.K. Calla. Principal and Director (Development and Welfare) Swami Keshvanand Institute of Technology, Management & Gramothan
8. Archana Saxena, Organising Secretary, Swami Keshvanand Institute of Technology, Management & Gramothan
9. रक्षित पत्रावली।

विशेषाधिकारी - II