

Dr. Rajiv Tayal
Executive Director
Ph: 011-23321555/42691701
Fax: 23321552
Email:rajiv@indousstf.org



Ref: BASE 2018 Internship/5/ Anupam Srivastava

14 November 2017

Dear Mr. Anupam Srivastava,

Congratulations on your selection for the **Bhaskara Advanced Solar Energy (BASE) Internship Program** supported by the *Department of Science and Technology, Govt. of India*, and the *Indo-U.S. Science and Technology Forum (IUSSTF)*.

The objectives of this program are to provide an opportunity to the best and brightest Indian students to gain exposure and access to world class research facilities in leading U.S. institutions; to promote research and capacity building in the frontline area of Solar Energy to address India-centric issues; to encourage and motivate outstanding students to take up research as a career path in the field of solar energy; and to pave the way for the next generation scientists and technologists from India to interact with American peers, thus helping to build long-term R&D linkages and collaborations.

For the internship, you would be travelling to **The University of Utah, USA** for a period of **3 months tentatively from 23rd March 2018 to 22nd June 2018**. Please note that your travel needs to be initiated before **30th April 2018**.

The internship awarded to you will cover the following:

1. **Round-trip air-ticket:** Air-tickets would be provided directly by the IUSSTF Travel Desk by economy class and shortest route. You are advised to contact traveldesk@indousstf.org
2. **Stipend @ US\$ 2,500/- per month**
3. **Health insurance** up to US\$ 500
4. Orientation, mentorship, field trips, visa paper preparation, airport transfers, contingency etc. up to a maximum of INR 50,000/-

The expenditure should be incurred strictly in accordance to the *Terms & Conditions* (please refer to enclosed document) governing the BASE Internship. It is expected that due recognition to DST and IUSSTF is made in all scientific publications, presentations etc. connected with this Internship.

Kindly acknowledge the receipt of this letter through a signed acceptance (page 4 of *Terms & Conditions* document). If you need any further information, please feel free to contact my colleague Dr. Nishritha Bopana and Ms. Subhashree Basu at energy.fellowship@indousstf.org

I wish you an academically rewarding experience through this prestigious internship.

Best regards,

(Rajiv Tayal)



Mr. Anupam Srivastav

PhD Research Scholar, Dayalbagh Educational Institute,
Dayalbagh, Agra-282005
Mobile: +91-9453655480

An autonomous organization jointly established by Dept. of Science & Technology GOI and U.S. Dept. of State

Catalysing Indo - US Science, Technology and Innovation Collaborations!

Indo-US Science & Technology Forum

Fulbright House, 12, Hailey Road, New Delhi 110 001, India

Phone: +91-11-42691700, Fax: +91-11-23321552

Website: www.iusstf.org

The Indian Science Congress Association



(Professional Body Under Department of Science & Technology
Ministry of Science & Technology, Government of India)

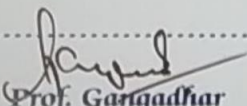
14, Dr. Biresh Guha Street, Kolkata 700 017

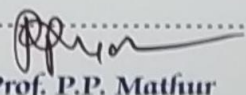
ISCA YOUNG SCIENTIST AWARD 2017-18

*This is to Certify ThatPratima...Gupta.....
participated in the 105th Indian Science Congress
held at Manipur University, Imphal, during
March 16-20, 2018*

He/She is a recipient of

ISCA Young Scientist Award
*of the Indian Science Congress Association, Kolkata
in the Section of...Earth System Sciences.....*


Prof. Gangadhar
General Secretary (Membership Affairs)


Prof. P.P. Mathur
General Secretary (Scientific Activities)

March 20, 2018



Puneet Kumar <puneetscorpion.kumar@gmail.com>

2018 AGU Fall Meeting Student Travel Grant

Erik Hankin <ehankin@agu.org>

Tue, Sep 11, 2018 at 1:34 AM

To: "puneetscorpion.kumar@gmail.com" <puneetscorpion.kumar@gmail.com>

10 September 2018

Puneet Verma:

Congratulations! You have been selected to receive a student travel grant to attend the 2018 American Geophysical Union (AGU) Fall Meeting, 10-14 December 2018 in Washington, D.C., U.S.A. Your travel grant is in the amount of \$1000US, with funds provided by the AGU Atmospheric Sciences Section Fund. This email will serve as your official award notification.

To accept your award, you must log into the [AGU Grants & Scholarships Site](#) and complete the acceptance form that has been assigned to you by 8 October 2018, 11:59 P.M. ET. Banking information is required as part of your acceptance as well as U.S. visa appointment confirmation (if applicable). To access the form, click on "My Account" and then "Needs Attention".

Please print/save this email as well as the acceptance form. If you do not formally accept by the deadline, AGU will assume that you decline this award and funds will be reallocated.

Congratulations again on receiving this award. I look forward to meeting you at the AGU Fall Meeting. Feel free to reach out with any questions or concerns. If you need an official letter of invitation to the conference for visa application, please contact abstracts@agu.org.

Regards,
Erik Hankin
Manager, AGU Student and Career Programs
Phone: +1-202-777-7523; Email: ehankin@agu.org
www.agu.org

American Geophysical Union

[2000 Florida Ave NW, Washington DC](#)[20009](#)

Erik Hankin
Student & Career Program Manager

202-777-7523
ehankin@agu.org | www.agu.org
2000 Florida Ave., NW | Washington, DC 20009

**UPCOMING DEADLINES, MEETINGS AND EVENT LINKS:**[27 August - 25 September: 2018 AGU Elections](#)



Ministry of Population and Environment

ICIMOD

FOR MOUNTAINS AND PEOPLE

11 November 2017

Ms. Pratima Gupta
Research Scholar
Dayalbagh Educational Institute
Agra, UP
India
pratbio19@gmail.com

Invitation to Workshop & Science-Policy Dialogue
Air pollution, Climate and Health in Southern Asia and the Hindukush Himalaya

Dear Ms. Gupta,

We are delighted to invite you to participate in the Workshop and Science-Policy Dialogue on Air Pollution, Climate, and Health in South Asia and the Hindu Kush Himalaya, taking place at ICIMOD Headquarters in Kathmandu, Nepal, on 27-30 November 2017. We would appreciate if you could present a poster as per the abstract that you submitted.

The Workshop and Science-Policy Dialogue, co-hosted by ICIMOD and the Government of Nepal's Ministry of Population and Environment, will bring together the region's atmospheric scientists, summarize current scientific consensus, and bring the scientists into two-way dialogue with policymakers through panel discussions and country round tables. This will be followed by a regional policy meeting. In parallel, there will be meetings of the Expert Group and Task Force of the Male' Declaration on Trans-boundary Air Pollution, a Himalayan University Consortium meeting, a junior scientists' event, and a field trip.

ICIMOD's Atmosphere Initiative will sponsor your travel costs from Agra to Kathmandu and back. The sponsorship includes direct economy class airfare, local transport, as well as food and lodging in Kathmandu for upto 5 nights. Please confirm your acceptance of this invitation by sending an email to Arnico Panday (arnico.panday@icimod.org), with a copy to Lynette Fetz (lynette.fetz@icimod.org). Please contact Lynette for flight bookings and other questions about logistics. A detailed agenda and logistics note will follow shortly.

I look forward to your active participation.

With best regards,

Eklabya Sharma, PhD
Deputy Director General



IICAQM-2018



This is to certify that

Dinesh Sah, Dayalbagh Educational Institute, Agra
has been awarded First prize in technical session - II

for presenting technical paper in

3rd INDIAN INTERNATIONAL CONFERENCE ON AIR QUALITY MANAGEMENT (IICAQM - 2018)

Jointly Organised by

Department of Civil Engineering, IIT Madras, Chennai, India

&

Department of Civil & Environmental Engineering, University of Surrey (UoS), Surrey, UK

6th & 7th December 2018 at IIT Madras

Prof. SM Shiva Nagendra
Chair IICAQM 2018
IIT Madras

Prof. Prashanth Kumar
Chair IICAQM 2018
University of Surrey

Atmospheric Composition and the Asian Monsoon
A SPARC/IGAC Jointly Sponsored International Activity
<https://www2.acd.ucar.edu/acam>



Dr. Laura Pan
National Center for Atmospheric Research
PO Box 3000
Boulder, CO, 80307-3000, USA

1 May 2017

RE: Confirmation for the 3rd ACAM workshop abstract

Ms. Pratima Gupta
Department of Chemistry, Faculty of Science
Dayalbagh Educational Institute
Dayalbagh, Agra

Dear Ms. Pratima Gupta,

I am writing to confirm that your abstract titled "A study on characterization, emission and deposition of black carbon over Indo-Gangetic Basin" has been accepted by the organizing committee of the 3rd International Workshop on Atmospheric Composition and the Asian Monsoon (ACAM), 5-9 June 2017, Guangzhou, China. You have also been accepted to participate in the Second ACAM Training School from 10-12 June 2017 in Guangzhou, China. We confirm that ACAM will sponsor your lodging and airfare. The ACAM is an international activity jointly sponsored by both SPARC and IGAC to promote international collaborative research and capacity building in monsoon Asia. We look forward to your participation in the workshop and your contribution to scientific interactions and collaborations.

Sincerely,

Laura Pan

Co-Chair ACAM SSG and
The 3rd ACAM workshop





ICIMOD

Certificate of Participation


Presented to

Pratima Gupta

for participating in the poster presentation session at the
international workshop and science policy dialogue on

Air Pollution, Climate and Health in Southern Asia and the Hindu Kush Himalaya

27–28 November 2017, Kathmandu, Nepal


David Molden
Director General
ICIMOD


Arnico Panday
Regional Programme Manager (Interim)
Atmosphere Initiative



This is to certify the participation of

Pratima Gupta

in the 2nd ACAM Training School on
"Observations and Modeling of Atmospheric Chemistry and Aerosols in the
Asian Monsoon region"

Jinan University, Guangzhou, China
10-12 June 2017

Mary C. Barth, Ritesh Gautam, Federico Fierli
Training School Organizers



RECOGNIZES

Anamika Banerjee

FOR BEST POSTER

**International Conference on Advanced
Nanomaterials and Nanotechnology, ICANN-2017**

December 18-21, 2017, IIT Guwahati, India

July 29, 2016

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. **Anuradha Verma** has conducted research on photoelectrocatalysis in my Fuel Cell Research Lab at Arizona State University (ASU) from May 11th to July 29th, 2016. She visited ASU under 'Scholar Exchange Visits' planned under the 'Indo-US 21st Century Knowledge Initiative Project' entitled "*Semiconductor chip/chiplet based novel approaches for efficient Solar-Water Splitting: A. Photoelectrochemical Hydrogen Generation; B. Photocatalytic Hydrogen Generation*" between Arizona State University (ASU), US and Dayalbagh Educational Institute, Dayalbagh, Agra.

During the visit, Anuradha established the test facility for photoelectrocatalysis, designed and developed electrodes and evaluated their performance.

I find Anuradha as an organized and hardworking researcher.

Sincerely,



A.M. Kannan, Ph.D.

Professor

The Polytechnic School

Ira A. Fulton Schools of Engineering

Arizona State University, Mesa, AZ, USA 85297

Email: amk@asu.edu; Telephone: 480 727 1102



YOUNG SCIENTIST

Award

This is to certify that

Anuradha Verma

has been awarded

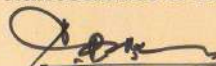
Young Scientist Award for Best Oral/Poster Presentation

Under the discipline

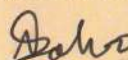
Energy

INTERNATIONAL CONFERENCE on "ENERGY, FUNCTIONAL MATERIALS & NANOTECHNOLOGY"
(ICEFN-2016 March 27-29)

Nanoscience & Nanotechnology Centre, Department of Chemistry, Kumaun University, Nainital, India


Prof. S.P.S. Mehta

Chairman
ICEFN-2016


Dr. N.G. Sahoo

Convener
ICEFN-2016


Prof. A.B. Melkani

Secretary
ICEFN-2016

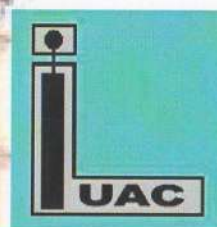


INTERNATIONAL CONFERENCE ON

NANOSTRUCTURING BY ION BEAMS (ICNIB-2015)

November 23-25, 2015, Agra INDIA

CERTIFICATE OF PARTICIPATION



This is to certify that Ms. Anuradha Verma
of College/University/Institute D.E.I., Dayalbagh, Agra
has participated in the Conference held at Agra on November 23-25, 2015 and was
awarded **Best Oral Presentation Award.**

Date: 25.11.2015

S. K. Arantha

PRESIDENT

Ion Beam Society of India



Stet-2014 Award Certificate

is hereby granted to

Jintendra Dubey

Research Scholar Department of Chemistry DCE, Agra

as



Stet-2014 Young Scientist Award

in

**NATIONAL CONFERENCE ON SYNERGETIC TRENDS IN ENGINEERING & TECHNOLOGY
IMPACT ON INDUSTRY & SOCIETY**

April 25-26, 2014

Sanjay
Mr. Sanjay Agrawal
Chairman Governing Council
ECE, Mathura U.P.

G. Srivastava
Prof. G. Srivastava
Director, ECE
Organizing Chairman, STET-2014

Umesh K. Sharma
Dr. Umesh K. Sharma
Head, Applied Science Dept.
Convener/Org. Secretary STET-2014

Awarded on 26th Apr. 2014

Scientific And Environmental Research Institute

Kolkata, India

The Search Committee constituted by
Scientific And Environmental Research Institute, Kolkata;
Foundation for Science And Environment, Kolkata and
Confederation of Indian Universities, New Delhi
do hereby appreciate

Jitendra Dubey

in the field of Environment and Ecology

In testimony whereof and by the authority vested in us, we do confer the

YOUNG SCIENTIST OF THE YEAR AWARD 2014

on the occasion of International Conference on
Environment and Ecology held on 2nd March, 2015 at Kolkata, India

This award has been instituted for a selected few accomplished persons enabling them to guide the human race living in a historic transitional period of burgeoning awareness of the conflict between human activities and environmental constraints, preparing to venture into a new millennium and to finally help save the fragile and endangered planet with the natural resources already overtaxed. The recipient of this award will also help in developing a neological and neocratic approach to environmental education for reducing the toll that the World citizenary exact in supporting daily life and the evergrowing problems and exerting profound pressures on the Mother Earth.

P.R. Trivedi

Chancellor Dr. P.R. Trivedi
President
Confederation of Indian
Universities, New Delhi



Prof. (Dr.) Samir Banerjee
President
Foundation for Science
and Environment
Kolkata - 700118



**ESW V Annual National Research Conference on
"Sustainable development of Ecosystem, Wildlife and
Heritage conservation for Human welfare."**


Organized By


**Environment & Social Welfare Society
Khajuraho, India**


*In association with: BER Chapter, Chitrakoot, The National Academy of Sciences India
Maharaja Chhatrasal Bundelkhand University, Chhatarpur (M.P.)
Godavari Academy of Science and Technology, Chhatarpur (M.P.)*

CERTIFICATE

It is certified that Miss./ Mrs./ Mr./ Dr. Pooja Chahar
Designation..... Institute/College/
University. Department of Chemistry, DIT, Dayalbagh, Agra participated in
The ESW V Annual National Research Conference on "Sustainable development of Ecosystem,
Wildlife and Heritage conservation for Human welfare" on 30 & 31 January, 2018 as
Chairman/ Co-chairman/ Reportier/ Invitee Guest/ Delegate and presented paper/
poster entitled Effect of Autoclave Pretreatment on Biohydrogen
Production from Solid & Liquid Petta Waste in the I... scientific session.
Therefore, awarded for Best Scientist/ Young Scientist/ Young Environmentalist/ Best
Oral/ Poster Presentation.
We wish him/her all success in life.


Dr. Shivesh Pratap Singh
Secretary
BER Chapter, NASI



Dr. Ashwani Kumar Dubey
Organizing Secretary
ESW Society, Khajuraho



Prof. Priyavrat Shukla
Vice-chancellor
MCBU, Chhatarpur

A three day International Conference on
Understanding, Predicting and Projecting Climate Change over Asian Region (UPCAR)
26-28 June 2017, Tirupati - India.

Best Paper Award

Presented to Dr./Mr./Ms. P. K. Umma et al.,
of Dayalbagh Educational Institute, Agra for the paper entitled
P-2-08: Gas phase Measurements of Polycyclic Aromatic
Hydrocarbons (PAHs).


Prof. A. Damodaram
Vice-Chancellor, SVU


Prof. A. Jayaraman
Director, NARL

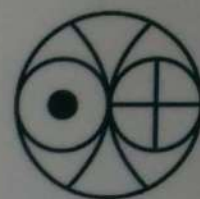


Jointly organized by
**Sri Venkateswara University, Tirupati &
National Atmospheric Research Laboratory, Gadanki.**





INDIAN AEROSOL SCIENCE AND
TECHNOLOGY ASSOCIATION

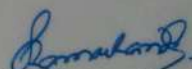


Best Paper Award – Poster

This is to certify that Mr. Puneet Kumar Verma of Dayalbagh Educational Institute, Agra

has been awarded **3rd Prize** for the poster entitled "*Gas-particle distribution of Polycyclic Aromatic Hydrocarbons (PAHs) and Nitro-PAHs at National Highway – 2 crossing*" in the Conference of Indian Aerosol Science and Technology Association (IASTA – 2016) on *Aerosols and Climate Change: Insights and Challenges*, held at Physical Research Laboratory, Ahmedabad during December 6 – 8, 2016.

Date – 8 Dec 2016
Place – Ahmedabad


(Prof. S Ramachandran)
Convener, IASTA -2016

Springer | 7th Floor | Vijaya Building | 17, Barakhamba Road | New Delhi – 110001 | India

LETTER OF AWARD

Congratulations on behalf of IICAQM 2017 and Springer

Gas-particle phase distribution of PAHs
at different sites in Agra
by P.K. Verma et al.

Springer (India) Private Limited
7th Floor, Vijaya Building
17, Barakhamba Road
New Delhi 110 001 India
Tel +91 (0) 11/45758488
Fax+91 (0) 11/45758889

www.springer.com

Swati Meherishi
Tel +91 (0) 11/45755860
swati.meherishi@springer.com

June 2017

Dear Winner,

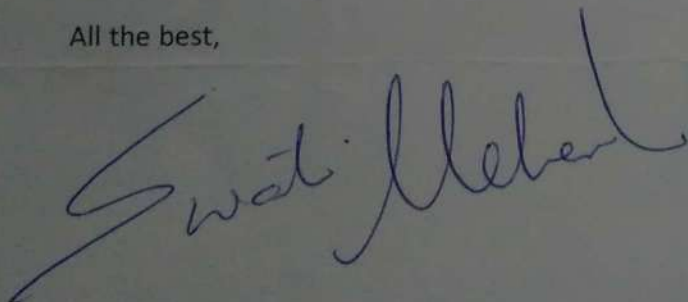
Springer is honored to present you a gift voucher for the value of EUR 200 (two hundred euros) as a felicitation for winning the **First Prize** in Best Paper Award category for **Air Quality Characteristics** (Technical Session I) at the Second Indian International Conference on Air Quality Management: Health and Exposure (IICAQM 2017), June 1-2, 2017, New Delhi, India.

Please visit our website at www.springer.com; on the website you can search for and select e-books for a total amount of EUR 200. Springer handbooks, encyclopedias, and other major reference works are not part of this offer.

After making your selection, please send the book titles, Author/Editor names and ISBN to us at aparajita.singh@springer.com along with you complete affiliation and we will see to it that you receive the ebooks you select.

Please accept our heartiest congratulations on winning this award!

All the best,



Swati Meherishi
Executive Editor – Applied Sciences & Engineering



INTROMET-2017



Certificate

This is to certify that ~~Mr./Ms./Dr.~~ Sonal Kumari from Dayalbagh Educational Institute, Agra has participated in the International Tropical Meteorology Symposium (INTROMET-2017) on "Advancements in Space-based Earth Observations and Services for Weather and Climate" organized at Space Applications Centre, Ahmedabad during November 7-10, 2017 and has been selected for the BEST PAPER award in STUDENT category.

Organising Secretary, INTROMET - 2017
(D. Ram Rajak)

Convener,
INTROMET - 2017 Steering Committee
(Raj Kumar)



Stet-2014 Award Certificate

is hereby granted to

Jintendra Dubey

Research Scholar Department of Chemistry D.E.I., Agra
as





Stet-2014 Young Scientist Award


in

**NATIONAL CONFERENCE ON SYNERGETIC TRENDS IN ENGINEERING & TECHNOLOGY
IMPACT ON INDUSTRY & SOCIETY**

April 25-26, 2014


Mr. Sanjay Agrawal
Chairman Governing Council
ECE, Mathura U.P.


Prof. G. Srivastava
Director, ECE
Organizing Chairman, STET-2014


Dr. Umesh K. Sharma
Head, Applied Science Dept.
Convener/Org. Secretary STET-2014

Awarded on 26th Apr. 2014





AMS NATIONAL CONFERENCE ON ADVANCES IN MATERIAL SCIENCES

CHIEF PATRONS

Advocate Amit Sharma
Chairman & CEO,
ACET, Amritsar

Madam Ragini Sharma
Director Finance
ACET, Amritsar

Patrons

Dr. Om Kumar Harsh
Group Director
ACET, Amritsar

Dr. V.K. Banga
Principal,
ACET, Amritsar

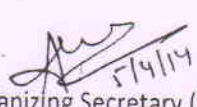
Organizing Secretary

Dr. Amit Sarin
Head, Applied Sciences
ACET, Amritsar

Best Paper Certificate

This is to certify that Dr/Mr/Ms
Roopa Rani has
presented the paper entitled
Enhanced Antioxidant Activity of Gold
Nanoparticles Embedded Salanum
Tuberosum Extract & HPTLC Quantification
during the National Conference on
Advances in Material Sciences (AMS-2014)
held at Amritsar College of Engineering &
Technology, Amritsar, Punjab on April 4-5,
2014.

The paper has been awarded the
BEST PAPER during the scheduled
session.


Organizing Secretary (AMS-2014)
Deptt. of Applied Sciences,
Head, Department of Applied Sciences
ACET, Amritsar



**Amritsar College
of Engineering & Technology**
(NBA & NAAC ACCREDITED)

12 km Stone, Amritsar-Jalandhar G.T. Road, Amritsar, Punjab, INDIA
Phone: 0183-5010432, Fax: 0183-5069535
e-mail: contact@acetamritsar.org Website: www.acetamritsar.org



4th International Science Congress

(ISC-2014)

8th & 9th December, 2014

Organized by

International Science Congress Association

Under the auspices of

Pacific University, Udaipur, Rajasthan, INDIA



Certificate

Certified that Ms. Priyanka Jain has participated in
4th International Science Congress (ISC-2014) on 8th & 9th December 2014 held at Pacific University,
Udaipur, Rajasthan, India and presented a scientific paper (oral/poster) entitled Polyaniline
functionalized nanocellulose composite for chromium remediation

He/She has been awarded Best Oral Presentation

We wish the participant all success.

Prof. Dipak Sharma
Director ISC-2014
Professor & Head
Maharaja Ranjit Singh College,
Indore, MP, India

Prof. Miroslav Kelemen
Convener ISC-2014
Rector
University of Security Management
Kosice, Kostova, Slovakia

Prof. Hazim Jabbar Al-Daraji
President ISC-2014
Professor
College of Agriculture
University of Baghdad, Baghdad, Iraq

Prof. Hemant Kothari
Organizing Secretary ISC-2014
Dean
PG Studies, Pacific University,
Udaipur, Rajasthan, India



Jiwaji University, Gwalior
Institute of Engineering
and

School of Studies in Environmental Chemistry

NATIONAL CONFERENCE
ON
EMERGING TRENDS IN ENGINEERING & SCIENCES

This is to certify that Prof./Dr./Mr./Ms/ SHILPA VARSHNEY
of Department of chemistry, Dayalbagh Educational Institute, Agra
delivered lecturer / chaired the session / presented research paper / poster presentation / participated entitled
Process development for the decontamination of Toxic metals using
functionalised Wood Pulp and artificial neural networking method.
in the National Conference on the Emerging Trends in Engineering & Sciences,
May 16-17, 2016 and awarded 'YOUNG SCIENTIST AWARD'.


Prof. Rajeev Jain
Convener


Prof. A.K. Halve
Organizing secretary

THE NATIONAL ACADEMY OF SCIENCES, INDIA



CERTIFICATE OF APPRECIATION-2012

Certified that Dr. /Mr./[✓]Ms PRACHI BANSAL

of DEPARTMENT OF CHEMISTRY, FACULTY OF SCIENCE participated
DAYALBAH EDUCATIONAL INSTITUTE, AGRA
in the "82ND ANNUAL SESSION OF THE ACADEMY, held at
Banaras Hindu University, Varanasi from November 29 - December
01, 2012.

He/[✓]She also presented his/[✓]her research paper in the Scientific Session
held on December 01, 2012; and awarded **NASI-SWARN JAYANTI**
PURSKAR for best paper presentation.

Varanasi
December 01, 2012


Sectional President/General Secretary



THE NATIONAL ACADEMY OF SCIENCES, INDIA



NASI-SWARNA JAYANTI PURASKAR (2013)

has been conferred on

.....**KIRAN SINGH**.....

.DEPARTMENT.OF.CHEMISTRY.....

.DAYALBAM.EDUCATIONAL.INSTITUTE..AGRA.....

for best paper presentation during 83rd Annual
Session of the Academy in the field of
Physical Sciences.

GOA

December 7, 2013

Dr. Amit Roy

Sectional President, NASI



Sponsored by
Department of Higher Education
Government of Uttar Pradesh, Lucknow



Organized by
Department of Geography
St. John's College, Agra (U.P.)

National Conference ON

LAND, WATER & RENEWABLE ENERGY FOR SUSTAINABLE DEVELOPMENT

20th & 21st March 2015

CERTIFICATE FOR YOUNG SCIENTIST AWARD

This is to certify that Dr./Mr./Mrs./Miss Itian Singh (CHEMISTRY)
from Dyalbagh Educational Institute Agra has participated and presented
a paper entitled Nano-Engineering for the Decantamination of Arsenic ions from water
bodies into Melcapto-glycolic acid functionalized Nanocrystalline cellulose hybrid
at the National Conference organized by the Department of Geography, St. John's College Agra, held on
20th & 21st March, 2015 and awarded First Prize.


Prof. Alexander Lall
Principal / Patron


Dr. P. A. Majeed
Convener


Dr. Brotoji Biswas
Organizing Secretary

6. Surbhi Choudhary, **Sumant Upadhyay**, Nirupama Singh, Pushpendra Kumar, Vibha R. Satsangi, Rohit Shrivastav, Sahab Dass, **Studies on Nanostructured Bilayered Semiconductor System in PEC Water Splitting for Hydrogen Production**, *Proceedings of AIChE Annual Meeting, 511c, 2012, Pittsburg, PA.*
7. Surbhi Choudhary, **Sumant Upadhyay**, Nirupama Singh, Pushpendra Kumar, Vibha R. Satsangi, Rohit Shrivastav, Sahab Dass, **Enhanced Photocurrent-Voltage Characteristics of SrTiO₃/WO₃ Bilayered Photoelectrode in Photoelectrochemical Splitting of Water**, *Proceedings of MRS Fall Meeting, 2012, Boston, MA.*

WORKSHOP & CONFERENCES ATTENDED

1. Seminar on Recent trends in chemistry on 2nd Feb 2008 at Dayalbagh Educational Institute, Agra.
2. Seminar on facing the challenges of climatic and global warming in Agra on 1st March 2009 at Dayalbagh Educational Institute, Agra.
3. International conference on Recent Advances in Environmental Protection, St John's College, Agra, 17th-19th, December, 2009.
4. *International Conference on Multifunctional oxide Materials (ICMOM)*, 16-18 April, 2009, Himachal Pradesh University, Shimla.
5. International Conference on Nanoscience and Technology in Chemistry, Health, Environment and Energy, NATCHEE-2010, Dayalbagh Educational Institute, Agra, 7th-9th, January, 2010.
6. Attended a Seminar on "Recent Trends in Environmental Chemistry" organized by Department of Chemistry, Dayalbagh Educational Institute, Dayalbagh Agra on 10 September, 2011.
7. International Conference on Chemistry of Phytopotentials: Health, Energy and Environment Perspectives, CPHEE-2011, Dayalbagh Educational Institute, Agra, 4th-6th, November, 2011.
8. Multi-scale Modeling and Simulation of Materials, 11-13th January, 2011, CCMS, ICMS, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore.
9. 3rd DAE-BRNS, International Symposium on Materials Chemistry, ISMC-2012, 7-11th December, 2010, BARC-Mumbai, India
10. School and Conference on Emergent Properties and Novel Behaviour at the Nanoscale, April 19-27th, 2010, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore.

AWARD

- *Senior Research Fellowship by Council of Scientific and Industrial Research (CSIR), New Delhi.*
- *Project Fellowship by University Grants Commission, Major Research Project, New Delhi.*

AWARDS

- **Junior Research Fellowship** awarded under Board of Research in Nuclear Sciences, Mumbai, Project No. 2009/35/4/BRNS/2598.
- **UGC Research Fellowship in Science for Meritorious Students** awarded under UGC-BSR, New Delhi, Letter No. ETP/UGC Res. Fellowship/293.

CHAPTER IN BOOKS

- *Thuja Occidentalis*: Prospects in Designing Herbal Drug for Breast Cancer. Nanomedicine and Cancer Therapies, edited by Prof. S Thomas, Taylor and Francis (CRC Press), 49-59, 2010.
- Antioxidant and Antimutagenic activities of Isothiocyanate rich seed oil of *E. sativa* Plant. Chemistry of Phytopotentials: Health, Energy and Environmental Perspectives, Springer, 2011.
- Food-Borne Carcinogens: A Perspective of Relative Risk. Food Intake: Regulation, Assessing and controlling series, edited by Prof. Janel Morrison, NOVA Publisher, 105-116, 2012.

RESEARCH PAPERS

- Identification and quantification of amino acids in Coconut Water using High Performance Thin Layer Chromatographic Method. Analytical Chemistry, 10 (7), 2011. [Trade Science Inc.].
- High Performance Thin Layer Chromatographic determination of Caffeine in energy drinks and it's co-relation with frustration tolerance. Proceedings of National Academy of Science India, 18 A, 141-144, 2011. [Springer].
- High Performance Thin Layer Chromatography for Routine Monitoring of Adulterants in Milk. National Academy Science Letters. 35 (4), 309-313, 2012. [Springer].
- Enhanced Antioxidant activity of gold nanoparticle embedded 3,6-dihydroxyflavone: A combinational study. Applied Nanoscience, DOI: 10.1007/s 13204-012-01829-9, 2012. [Springer].
- Combination and Nanotech enhancement in antibreast cancer efficacy: Dietary chemopreventing agent. BioNanoscience, DOI: 10.1007/s12668-013-0093-6, 2013. [Springer].
- Isothiocyanates: Naturally occurring HepG2 human liver carcinoma inhibitor. International Journal of Bioassays, 2 (1), 325-328, 2013. [Ebioscholar].
- Studies on Nanotech Chemoprevention against Balb/c mice implanted with sarcoma 180 cancer cells. Human and Environmental Toxicology. In press, 2013. [SAGE].
- Chemopreventive Potential of Isothiocyanates (ITCs) in a C57BL/6 mice model of melanoma. Human and Environmental Toxicology. In press, 2013. [SAGE].

LIST OF CONFERENCES

- ✓ **Tripti Pachauri**, Anita Lakhani and K. Maharaj Kumari paper entitled "Measurement of Number and Mass size distribution of Atmospheric Aerosols during a dust event at Sub Urban site" International Conference on Concurrent Techno and Enviro Search held from 3-5 Dec'10 at Bhopal. **(BEST PAPER AWARD)**
- ✓ **Tripti Pachauri**, Anita Lakhani and K. Maharaj Kumari, "Variation of Particle number and mass concentration in ultrafine, fine and coarse atmospheric particulate matter at a suburban site". International Conference on Nanoscience and Technology in Chemistry, Health, Environment and Energy held from 4- 6 Jan' 2010 at Dyalbagh Educational Institute, Dyalbagh, Agra. **(BEST PAPER AWARD)**
- ✓ **Tripti Pachauri**, Vyoma Singla, Aparna Satsangi K. Maharaj Kumari and Anita Lakhani paper entitled "Quantification and chemical composition of Total Suspended Particulate Matter at Agra". International Conference on Recent Advances in Environmental Protection held at Clarks Shiraz from 17-19 Dec'09 at Agra.
- ✓ **Tripti Pachauri**, Aparna Satsangi, Vyoma Singla, Anita Lakhani and K. Maharaj Kumari paper entitled "Elevated levels of Black carbon: A serious threat to climate change" World Congress for Man and Nature 2011 held from 11- 13 Nov' 2011 at Gurukul Kangri University, Haridwar.
- ✓ **Tripti Pachauri**, Aparna Satsangi, Vyoma Singla, Anita Lakhani and K. Maharaj Kumari paper entitled "Number and mass size distribution of atmospheric particles during different seasons at Agra" 4th International Conference on Environmental Research held from 15-17 Dec' 2011 at Sardar Vallabhbhai National Institute of Technology, Surat.
- ✓ **Aparna Satsangi**, **Tripti Pachauri**, Vyoma Singla, Tripti Pachauri, Anita Lakhani and K. Maharaj Kumari paper entitled "Elevated elemental carbon emissions during Diwali festival". International conference on Chemistry of Phytopotentials: Health, Energy and Environmental Perspectives held from 4-6 Nov' 2011 at Dayalbagh Educational Institute, Dayalbagh, Agra
- ✓ **Vyoma Singla**, Aparna Satsangi, **Tripti Pachauri**, Anita Lakhani and K. Maharaj Kumari, paper entitled "Ozone Risk Analysis and Climate Change". International Conference on Emerging trends in Environmental Research held from August 14-16, 2009 at Ernakulum, Kerala.

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