

WORKSHOP REPORT ON

“SCIENTIFIC PAPER WRITING”

&

**“TECHNOLOGICAL EMPOWERMENT OF
WOMEN”**

Jointly Organized by:

**National Academy of Science India (NASI),
Uttarakhand Chapter**



&

**Uttarakhand State Council for Science and
Technology (UCOST), Dehradun**



In association with:

State Biotechnology Program (SBP) and
Uttarakhand Science Education and Research Centre (USERC)

And

Graphic Era University (GEU), Dehradun

Venue: MBA Hall, Main Building, Graphic Era University, Dehradun
On 17th & 18th June, 2014

National Academy of Sciences India (NASI), Uttarakhand Chapter

Chairman

Dr. B.R. Arora, Former Director, Wadia Institute of Himalayan Geology, 36, Janakpuri, Engrs Enclave, Phase II, G.M.S. Road, Dehradun-248001

Secretary

Dr. Rajendra Dobhal

Director General, Uttarakhand State Council for Science & Technology, Vigyan Dham Jhajra, Dehradun - 248007

Advisors

Prof. A.N. Purohit, 'Almi Anchal', 181/1, Doshalwala, Dehradun - 248001.

Prof. Y.P.S. Pangtey, Botany Department, DSB Campus, Kumaun University, Nainital - 263002

Prof. Ravi Bhusan, Professor, Department of Chemistry, I.I.T. Roorkee, Roorkee – 247667

Report Prepared By:

Dr. D.P.Uniyal

Workshop Convener

Sr. Scientific Officer, UCOST

M.S.Rawat

Technical Assistant, UCOST

National Academy of Sciences, India

National Academy of Sciences, India founded in the year 1930, is a society registered under the registration of society's act 1860. It is the oldest Science Academy of the country and is located at Allahabad. Over the years, this unique organization has served as a springboard for scientific and technological activities in a wide variety of S&T domains. It has helped India usher in a scientific milieu, in creating and nurturing talent in science and technology.

The Academy started with 57 ordinary Members and 19 Fellows but which has now grown many folds in strength and popularity. Today it has about 1571 Members and 1579 Fellows including 29 Honorary Fellows and 88 Foreign Fellows. All these, include scientists from various disciplines of Science and Technology from all over India and abroad.

The main objective of the Academy was to provide a national forum for the publication of research work carried out by Indian scientists and to provide opportunities for exchange of views among them. The Rules and Regulations of the Academy were based on those of the Royal Society of England and Asiatic Society of Bengal. These have since been revised and updated to meet the emerging challenges. Prof. Meghnad Saha was elected its first President.

NASI - envisions

The cultivation and promotion of Science & Technology in all its branches, *through* –

- (a) the cultivation and promotion of Science & Technology in all its branches;
- (b) to publish such proceedings, journals, memoirs, transactions and other works as may be considered desirable;
- (c) to organize a Science Library;
- (d) to organize meetings and hold discussions on scientific and technological problems;
- (e) to promote scientific and technological research concerned with the problems of national welfare;
- (f) to undertake, through properly constituted committees and bodies, such scientific work of technological or public importance as it may be called upon to perform;
- (g) to co-operate with other organizations in India and abroad, having similar objects, and to appoint representatives of the Academy to act on national and international bodies;
- (h) to secure and manage funds and endowments for the promotion of science and technology;

- (i) to do and perform all other acts, matters and things that may assist in, conduce to, or be necessary for the fulfillment of the above mentioned aims and objects of the Academy;
- (j) to create an adequate impact of the Academy all over the country, it may open Chapters of the Academy in other cities in the country, where reasonable number of scientists are interested.

State Chapters: The Academy has 18 Chapters located at Allahabad, Ahmadabad, Bangalore, Budelkhand Extended Region, Chandigarh, Chennai, Delhi, Hyderabad, Jammu, Kharagpur, Jharkhand, Kolkata, Lucknow, Mumbai, Patna, Shillong (N.E. Chapter), Uttarakhand and Varanasi.

Uttarakhand Chapter of NASI

Uttarakhand is the youngest member among the metro chapters. Uttarakhand Chapter came in to being in the last quarter of 2006 with an aim to co-ordinate the activities of NASI, Allahabad in the newly formed state of Uttarakhand. The Uttarakhand Chapter of NASI, with its founder Chairman, Prof A.N. Purohit was formally inaugurated on October 12, 2006 at Uttaranchal Institute of Technology, Premnagar, Dehradun by Prof M.G.K. Menon, India's most renowned scientist. Other dignitaries who graced the occasion were Prof. P.N. Tandon, Former Director, AIIMS, Dr. V.P. Sharma, Dr. (Mrs.) Manju Sharma, a large number of scientists and academicians in the state.

In recent years the chapter has observed change in office bearers with Dr. B.R. Arora, Ex-Director Wadia Institute of Himalayan Geology succeeding Prof. A.N. Purohit, Former Vice Chancellor, HNB Garhwal University as new Chairman of the chapter and Dr. Rajendra Dobhal, Director General Uttarakhand State Council for Science & Technology, Dehradun took over the charge of Secretary, UK chapter from Dr. G.S. Rawat, Scientist-G, Wildlife Institute of India, Dehradun on 09 Aug 2011. Meanwhile, Prof. A.N. Purohit is continuing to guide the chapter by being the Advisor of the chapter. Since then the chapter has organized many Science popularization activities.

UCOST Affiliation: The Uttarakhand Chapter of the Academy is affiliated to the Uttarakhand State Council for Science & Technology (UCOST). UCOST has not only provided space for housing the working office of the chapter, it has been the motivating force and provided the guidance, platform and financial support in organizing the activities since the inception of the chapter. This has begun to attract the attention of academics, intellectuals and society at large.

The UA Chapter, in close collaboration with the UCOST aims at achieving the National Academy's mandate and hopes to achieve the following objectives:

- i) Promote science education in Uttarakhand
- ii) Provide a forum for the fellows and members of the NASI for fruitful interactions in the field of Science & Technology
- iii) Act as a link between the leading /renowned national/ international scientists and the science teachers and students in the state of Uttarakhand.

In addition to various activities related to above objectives the state chapter has instituted the Best Teacher Award of the year to promote science education in the state.

The state of Uttarakhand has 24 Fellows and 45 Members of NASI. The chapter has since its inception has successfully organized various activities of science popularization that includes, Popular Lectures, Workshops and Seminars etc.

PROGRAMME SCHEDULE (17th June, 2014; Tuesday)

| S.No. | Programme | Time |
|--------------|--|-------------------------|
| 1. | Registration of Participants | 09:15 A.M. – 09:45 A.M. |
| 2. | Arrival of Guests, Speakers and other Dignitaries | 09:45 A.M. – 10:00 A.M. |
| 3. | Lightening of Lamp & Presentation of Bouquets to Guests on Dais | 10:00 A.M. – 10:10 A.M. |
| 4. | Welcome Address: Dr. D.P. Uniyal, Senior Scientific Officer, UCOST, Dehradun | 10:10 A.M. – 10:20 A.M. |
| 5. | About the Workshop: Prof. U.C. Srivastava, The National Academy of Sciences, India, Allahabad | 10:20 A.M. – 10:35 A.M. |
| 6. | Address by Guest of Honour: Prof. A.N. Purohit, Former Vice Chancellor, HNB Garhwal University and Advisor, NASI, UK Chapter | 10:35 A.M. – 10:45 A.M. |
| 7. | Address by Guest of Honour: Dr. Rajendra Dobhal, Chairman & Managing Director, National Research Development Corporation, New Delhi and Secretary, NASI, UK Chapter | 10:45 A.M. – 10:55 A.M. |
| 8. | Address by Special Guest: Dr. Manju Sharma, Former Secretary, Deptt. of Biotechnology, Govt. of India, New Delhi | 10:55 A.M. – 11:05 A.M. |
| 9. | Address by Special Guest: Prof. R.C. Joshi, Chancellor, Graphic Era University, Dehradun | 11:05 A.M. – 11:15 A.M. |
| 10. | Address by Chief Guest: Shri Vijay Kumar Dhaundiyal, Additional Secretary, Dept. of Science and Technology, Govt. of Uttarakhand and Director General, UCOST, Dehradun | 11:15 A.M. – 11:30 A.M. |
| 11. | Theme Address: Prof. V.P. Sharma, Former Additional Director General, Indian Council of Medical Research, New Delhi | 11:30 A.M. – 11:45 A.M. |

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| 12. | Vote of Thanks: Dr. Neeraj Kumar, Executive Secretary, The National Academy of Sciences, India, Allahabad. | 11:45 A.M. – 12:00 Noon |
| 13. | Tea – Break | 12:00 Noon – 12:15 P.M. |
| 14. | <u>Technical Session I</u> Chairman - Prof. V.P. Sharma, Former Additional Director General, Indian Council of Medical Research, New Delhi Experts : 1 – Prof. Paramjit Khurana, Foreign Secretary, NASI, Allahabad Experts : 2 – Prof. U.C. Srivastava, General Secretary, NASI, Allahabad | 12:30 P.M. – 02:00 P.M. |
| 15. | Lunch – Break | 02:10 P.M. – 02:30 P.M. |
| 16. | <u>Technical Session II</u> Chairman - Prof. U.C. Srivastava, General Secretary, NASI, Allahabad Lecture : Dr. D.P. Uniyal, Senior Scientific Officer, UCOST, Dehradun [Topic : Project Writing, Funding Mechanism and Intellectual Property Rights (IPR) Issues and Management] | 02:45 P.M. – 03:30 P.M. |
| 17. | <u>Interactive Session</u> Chairman - Prof. V.P. Sharma, Former Additional Director General, Indian Council of Medical Research, New Delhi <u>Experts:</u> 1) Prof. Paramjit Khurana, Foreign Secretary, The National Academy of Sciences, India, Allahabad 2) Prof. U.C. Srivastava, General Secretary, The National Academy of Sciences, India, Allahabad 3) Prof. Anil Kumar Gutpa, Director, Wadia Institute of Himalayan Geology, Dehradun 4) Dr. Rajendra Dobhal, Chairman & Managing Director, National Research Development Corporation, New Delhi and Secretary, NASI, UK Chapter 5) Dr. Niraj Kumar, Executive Secretary, The National Academy of Sciences, India, Allahabad | 03:30 P.M. – 04:30 P.M. |
| 18. | Tea | 04:35 P.M. |

PROGRAMME SCHEDULE (18th June, 2014; Wednesday)

| S.No. | Programme | Time |
|-------|--|-------------------------|
| 1. | Arrival of Guests, Speakers and other Dignitaries | 09:55 A.M. – 10:00 A.M. |
| 2. | Lightening of Lamp & Presentation of Bouquets to Guests on Dais | 10:00 A.M. – 10:05 A.M. |
| 3. | Welcome Address: Dr. Neeraj Kumar, Executive Secretary, The National Academy of Sciences, India, Allahabad | 10:05 A.M. – 10:15 A.M. |
| 4. | Theme Address: Dr. Manju Sharma, Former Secretary, Deptt. of Biotechnology, Govt. of India, New Delhi | 10:15 A.M. – 10:30 A.M. |

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| 5. | Address by Guest of Honour: Dr. B.R. Arora, Former Director, Wadia Institute of Himalayan Geology, Dehradun | 10:30 A.M. – 10:35 A.M |
| 6. | Address by Guest of Honour: Dr. Rajendra Dobhal, Chairman & Managing Director, National Research Development Corporation, New Delhi and Secretary, NASI, UK Chapter | 10:35 A.M. – 10:40 A.M |
| 7. | Address by Special Guest: Prof. Sanjay Jasola, Vice Chancellor, Graphic Era Hill University, Dehradun | 10:40 A.M. – 10:50 A.M. |
| 8. | Address by Chief Guest: Prof. S.P. Singh, Former Vice Chancellor, HNB Garhwal University, Srinagar (Garhwal) | 10:50 A.M. – 11:10 A.M. |
| 9. | Vote of Thanks: Prof. U.C. Srivastava, General Secretary, The National Academy of Sciences, India, Allahabad. | 11:10 A.M. – 11:25 A.M. |
| 10. | Tea – Break | 11:30 A.M. – 11:50 P.M. |
| 11. | <u>Technical Session I</u> Chairman - Prof. U.C. Srivastava, General Secretary, The National Academy of Sciences, India, Allahabad Experts : 1 – Dr. Jyoti Sharma, Deptt. of Science and Technology, New Delhi Experts : 2 – Dr. Shubhra Chakravarty, National Institute of Plant Genome and Research, New Delhi | 12:00 Noon – 02:00 P.M. |
| 12. | Lunch – Break | 02:15 P.M. – 02:35 P.M. |
| 13. | <u>Technical Session II</u> Chairman - Dr. Manju Sharma, Former Secretary, Deptt. of Biotechnology, Govt. of India, New Delhi Experts 1 – Dr. Anil P. Joshi, Founder, Himalayan Environmental Studies and Conservation Organization (HESCO), Dehradun Expert 2- Dr. Kiran Negi, Founder, Himalayan Environmental Studies and Conservation Organization (HESCO), Dehradun | 02:45 P.M. – 04:15 P.M. |
| 14. | <u>Interactive Session</u> <u>Experts:</u> 1) Dr. Manju Sharma, Former Secretary, Deptt. of Biotechnology, Govt. of India, New Delhi 2) Dr. Anil P. Joshi, Founder, Founder, Himalayan Environmental Studies and Conservation Organization (HESCO), Dehradun 3) Dr. Kiran Negi, Founder, Himalayan Environmental Studies and Conservation Organization (HESCO), Dehradun 4) Dr. Jyoti Sharma, Deptt. of Science and Technology, New Delhi 5) Dr. Shubhra Chakravarty, National Institute of Plant Genome and Research, New Delhi | 04:15 P.M. – 05:00 P.M. |
| 15. | Tea | 05:00 P.M. |

Introduction of Workshop:

Science is the vehicle of societal development around the globe working towards it by solving various problems. In Uttarakhand, Uttarakhand State Council for Science & Technology (UCOST), Dehradun has been putting its efforts to establish scientific temperament and work culture in the state since its inception. Science popularization, training & workshops are prominent tools by which UCOST inculcating science in the society and young scientist in particular. UCOST has taken up enormous pace in such activities by establishing its local chapter National Academy of Sciences, India (NASI) in the state. In background of these activities NASI Uttarakhand Chapter in collaboration with UCOST organized a two-day workshop on “Technologic Empowerment of Women & Scientific Paper Writing” at Graphic Era University, Dehradun.

Objectives of the Workshop:

- To generate scientific temper in the state.
- To develop the skill of writing scientific paper.
- To encourage the women for research
- Technological Empowerment of women in rural area

About Workshop:

A two day workshop on “Scientific Paper Writing” was organized on 17th May 2014 in which a total of 120 participants from SBS (PG) College, Dehradun; Doon University; Wildlife Institute of India, Dehradun; Oil & Natural Gas Corporation (ONGC), Dehradun; Dolphin (PG) Institute of Biomedical & natural Sciences; Forest Research Institute, Himalayan Environment Studies & Conservation Organization (HESCO), University of Petroleum & Energy Studies (UPES); Sri Guru Ram Rai (SGRR) P.G College; Maya Institute of Technology; Wadia Institute of Himalayan Geology; DAV (PG) College, Dehradun; DBS (PG) College, Dehradun and Graphic era University, Uttarakhand Space Application Centre (USAC); Gurukul Kangri University, Haridwar; Uttarakhand Science Education Research Centre (USERC) and

Uttarakhand Council for Science and Technology (UCOST) participated. Activities held during the workshop are summarized as follow:



brief introduction and welcome address by Dr.D.P. Uniyal, Workshop Convener, Sr. Scientific officer, Uttarakhand State Council for Science & Technology (UCOST), Dehradun. He highlighted the

background and importance of the program and raised issues and tactics in the art of paper writing with brief introduction of the invited speakers. He also gave a glimpse of last year workshops conducted in collaboration with the NASI in which about 150 participants from across the state participated. He welcomed the dignitaries and participants and wished that the program will be beneficial for the budding researchers



was conceived.

The workshop was initiated with registration of the participants and later lightening the lamp by Chief Guest Sh. Vijay Kumar Dhaundiyal, IAS, Director General UCOST, Dehradun with all dignitaries and the



and scientists. Dr. U.C. Srivastava from General Secretary, NASI, Allahabad shed light on the NASI, its objectives and various activities throughout the India. He told that NASI regularly organized this type of workshop throughout the country. He explained, “why this workshop?” and briefly narrated how idea of this program

Special Guest Prof. R.C. Joshi, Chancellor, Graphic Era University, Dehradun addressed the gathering wherein he emphasised on types of research i.e. Radical and Incremental Innovation. He stressed on the review of literature before setting out the objectives after finding gaps of research

under review of literature. He told that Incremental Innovation is the contemporary thrust area of research in every field of science and Technology.

Further, Padm Vibhushan Dr. Manju Sharma, former Secretary, DBT, Govt. of India, New Delhi & Former President, NASI, Allahabad shed light on National Academy of Science India (NASI), its mandate and activities such as workshop,



sensitization, awareness and training programs. She said that NASI has had top scientists and academicians who guided the policies in NASI and at Govt. level in order to harness the research and development for society. She beautifully explained on the fact that research should be done keeping

three “P’s” in mind i.e. Publication-Patent-Product Development (PPP) and the developed product should be sustainable, economically viable and environmental friendly. Finally, she said that science and technology is the major vehicle of societal transformation and it is unavoidable in developing nation like India. Guest of honour Padm Shri Prof. A.N. Purohit, former Vice Chancellor,

H.N.B Garhwal University & Advisor NASI, UK Chapter narrated experience of his



own PhD days and told the participants not to dishearten with the rejection of research papers and enjoy writing the papers. He suggested acknowledging the references



while writing research papers. Guest of Honour Dr. Rajendra Dobhal, Chairman & Managing Director, NRDC, New Delhi & Secretary, NASI, UK Chapter explained importance of right and appropriate use of english, which is the language of science communication, and told that even commas and full stop are

critical Which change the sense of whole sentence. He also explained the importance of paper writing for the career.

Padm Bhushan Dr. V.P. Sharma, former Additional Director General, Indian Council for Medical Research (ICMR), New Delhi delivered theme address where in he discussed variety of science writing i.e. Article, Notes, Communication, Reviews, and Book Chapter etc. He suggested the participants to get organized before writing any research article and to prepare list of points to be represented in paper and for it, always take sufficient time. He explained the cage or various headings of a paper i.e. title, abstract, key points, introduction, materials & methods, results and discussion along with acknowledgement and references. A good paper contains logical sequence of the investigated matter with text and illustrative materials such as figures, graphs and tables.



In his address, Chief Guest Sri Vijay Kumar Dhaundiyal, IAS, Director General, UCOST, Dehradun draw the attention of scientific community on two major issues of



societal concern: Bureaucracy of Science and its feature in state like Uttarakhand. One should focus on the trilogy of Content, Patent and Marketing while doing research. He raised that motto of doing science that it should be the 'help of man at distant end'. He concluded his address by saying that researchers

should always remember and question him/herself, *"Mere hisse ka vigyan mera kitna hai aur mere samaj ka kitna hai"*....?

The session was concluded with the vote of thanks by Dr. Neeraj Kumar, Executive Secretary, NASI, Allahabad. The latter half of the workshop was divided into two Technical Sessions.



Technical Session-I



The session was started with brief note of Session Chairman Dr. V.P. Sharma. Expert Prof. Paramjit Khurana, Foreign Secretary NASI delivered her lecture on "The art of paper writing" and said that research is not finished until it is published. In this context, researchers should focus on publication of their research findings. He beautifully explained various silent features which young researchers often do not

notice, such as number of objective under a title, use of english and data presentation using figures, graphs and table and discussion part.

The first session workshop was ended up with lecture of Session Expert Prof. U.C. Shrivastava, General Secretary, NASI wherein he primarily gave stress on setting out Objectives of the research. He said that identifying Objectives is very critical issue and should be carefully set after rigorous

exercise of reviewing the literature and finding out the gaps. After finding gap area in existing literature of particular topic, the Objectives should be divided in General and Specific Objectives. He said that still there are sufficient gap in biodiversity related studies in Himalayan region.



Technical Session-II



The session was started with brief note of Session Chairman Prof. U.C. Shrivastava and then Expert Dr. D.P. Uniyal, Workshop Convener, Sr. Scientific Officer, UCOST delivered his lecture on “Project Writing, Funding Mechanism and IPR issues & Management”. He explained that project writing is skill, right topic/title is important which shows the importance and meaning of the project. He also explained that for a good project, gap area is to be highlighted which shows the novelty. Besides this he stressed that objectives should be that much which PI can fulfill in specified time period. Budget justification is another major issue and should be justified while writing the project. He also explained about the funding agencies/mechanism in the country for S&T in R&D/SCP/EDP/Awareness. He enlisted major funding agencies such as, MoEF, MoES, MnRE, MHRD, MoWR, MSME, DBT, DST, ICAR, ICMR, CSIR, UGC, DRDO, DAE, DOD, ICSSR and

various Industries under Corporate Social Responsibility (CSR). He also explained how UCOST and other funding agencies in state such as State Biotech Program (SBP) and Uttarakhand Forest Dept. provide funds to carry out research.

The workshop was ended up with Interactive Session under Chairmanship of Prof. V.P. Sharma and all the experts of Technical Session along with Dr. Rajendra Dobhal and Dr. Niraj Kumar, Executive secretary NASI in which participant raised their queries and experts satisfied them with rational answers.

Specific Recommendations:

Following recommendations was summarized by the panelist:

- More Workshops should be organised on this topic in all over the state.
- Gap area should be identified before writing scientific paper.
- Research paper should be justifies statistical data.
- Repetition of statistical data in the research paper should be not be done.
- References should be carefully written.

Workshop organised by UCOST, NASI



By OUR STAFF REPORTER
DEHRADUN, 17 June: A two day workshop was organised under the aegis of Uttarakhand Council of Science and Technology (UCOST). The National Academy of Science, India and USARC.

UCOST, Vijay Kumar, was the Chief Guest at the programme. He said that young researchers and research writing would be promoted in the state's science policy. He emphasised on the need to draw a road map for the development of science here. Managing Director of NRD, New Delhi, Dr Rajendra

benefit from exposure to and experience of senior scientists while writing in the research journals. He emphasised a clear scientific approach, especially in English research writing. Dr RC Joshi, Dr VK Tiwari, Dr Sanjay Jasola, Dr BP Purohit, Dr Anil Kukshal and many others were also present

The Tribune

VOICE OF THE PEOPLE

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Young scientists must learn from experience of seniors: expert



Prof Manju Sharma, former Union Secretary, biodiversity board, lights the lamp at the UCOST workshop held at Graphic Era University on Tuesday; (extreme left) Vijay Kumar Dhoundiyal, UCOST Director General, looks on. A TRIBUNE PHOTOGRAPH

TRIBUNE NEWS SERVICE

DEHRADUN, JUNE 17
 A two-day workshop on writing scientific papers was inaugurated at Graphic Era University here today.

Uttarakhand State Council for Science and Technology (UCOST) and Uttarakhand chapter of National Academy of Science are jointly organising this workshop.

Chief guest Vijay Kumar Dhoundiyal, director general of UCOST, said young scientists would be given opportunities in research and writing research papers.

He also stressed on preparing a road map for the overall development of the state. Managing director of National Research Development Corporation (NRDC), New Delhi, Rajendra Dohal, told young scientists to learn from the experiences of senior scientists of the country and incorporate their experiences in their research papers.

Former union secretary

Manju Sharma appreciated UCOST's efforts to promote science in the region. She also stressed

on giving adequate encouragement to young scientists.

Dr DP Uniyal, senior scientist at UCOST, disclosed that eminent scientists from across the country were taking part in the workshop. He disclosed that UCOST and the National Academy of Science have been organising such workshops from time to time.

Professor VP Sharma, former additional managing director of Indian Medical Research Council, gave his lecture on the workshop's theme. He taught the intricacies of writing scientific research papers to the young participants. He also gave answers to all the queries about the art of writing scientific research papers.

A large number of scientists, researchers and students are taking part in the workshop.



यूकोस्ट में नारी के तलावधान में आयोजित कार्यशाला में भाग लेते लोग। (इसेस्ट) विचार व्यक्त करती राखत।

राज्य के विकास में भागीदारी करें युवा

देहरादून (एसएमएनबी)। राज्य विज्ञान एवं प्रौद्योगिकी परिषद (यूकोस्ट) के महानिदेशक विजय कुमार चौडवाल ने युवा वैज्ञानिकों से आगे आने का आह्वान किया। उन्होंने कहा कि प्रदेश की विज्ञान नीति में युवाओं को शोध करने व शोध लेखन को बढ़ावा देने हेतु जोर दिया जाएगा। राज्य के विज्ञान के लिए शोध से विज्ञान का रेट भी बेकार करने की आवश्यकता पर भी उन्होंने बल दिया। यह बात उन्होंने भागतनव को राज्य विज्ञान एवं प्रौद्योगिकी परिषद तथा राष्ट्रीय विज्ञान अकादमी (नारी) के संयुक्त तलावधान में आयोजित कार्यशाला के उद्घाटन अवसर पर कही। वैज्ञानिक पत्र लेखन विषय पर दो दिवसीय कार्यशाला का आयोजन ग्रामिक ऐरा विधि में किया जा रहा है।

मुख्य अतिथि महानिदेशक जी के चौडवाल ने कहा कि प्रदेश की प्रगति के लिए विज्ञान को बढ़ावा देना बेहद जरूरी है। युवा वैज्ञानिकों को आगे आकर प्रगति की इस मुहिम में भागीदार बनना चाहिए। एनआरटीसी के अध्यक्ष एवं प्रबंध निदेशक डा. राजेश डोनाल ने कहा कि युवा वैज्ञानिकों को वैज्ञानिकों के अनुभवों का लाभ उठाना चाहिए। स्तरीय शोध प्रश्नों व नजरों में अपने शोध पत्र प्रकाशित करने की प्रेरणा भी उन्होंने युवा वैज्ञानिकों को दी। भारतीय चिकित्सा शोध परिषद के पूर्व अध्यक्ष महानिदेशक पदम भूषण प्रोफेसर कोषों वहाँ ने कार्यशाला में भीम व्याख्यान दिया। उन्होंने युवा वैज्ञानिकों को बताया कि बिना शोध पत्र लेखन में पराजित न होना सच्चा है। पदम विप्रेषण प्रोफेसर मंजू शर्मा ने कहा कि शोधार्थियों को शोध पत्रों का सतत अध्ययन करना चाहिए। उद्घाटन सत्र के बाद अयोध्या तंकीकी सत्र में प्रतिभाषियों ने वैज्ञानिक पत्र लेखन के विभिन्न पहलुओं पर विस्तार से चर्चा की। प्रथम तंकीकी सत्र की अध्यक्षता प्रोफेसर कोषों व द्वितीय तंकीकी सत्र की अध्यक्षता प्रोफेसर मुदी श्रीनारयण ने की। मध्यह्न विधि के पूर्व कुलपति प्रोफेसर एलन पुरोहित, प्रोफेसर धीरी श्रीनारयण, प्रोफेसर आरती जेठली, डा. वीके तिवारी, डा. कीरी पुरोहित, डा. डीपी उपाध्याय, अरुण कुनरसात, अमिता पौडवाल, मोहन बाली, डा. मंजू सुन्दराल आदि भी शरणागत में मौजूद रहे।

हिन्दुस्तान

तरक्की को चाहिए नया नजरिया

बुधवार, 18 जून 2014, देहरादून, पांच प्रदेय, 18 संस्करण, नगर संस्करण

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छात्रों को सिखाया शोध पत्र लिखना

देहरादून। वरिष्ठ संस्करण

कार्यशाला

यूकोस्ट और राष्ट्रीय विज्ञान अकादमी के विशेषज्ञों ने ग्रामिक एरा विधि में आयोजित कार्यशाला में छात्रों को शोध पत्र लिखना सिखाया। मुख्य अतिथि महानिदेशक विजय कुमार चौडवाल ने युवा वैज्ञानिकों से कहा कि प्रदेश की विज्ञान नीति में युवाओं को शोध करने एवं शोध लेखन पर बढ़ावा देने के लिए विशेष जोर दिया जाएगा। एनआरटीसी नई दिल्ली के अध्यक्ष डॉ. राजेश डोनाल ने शोध पत्र लेखन में वैज्ञानिकता लाने पर जोर दिया। पदमभूषण प्रो. कोषों शर्मा ने वैज्ञानिक शोध पत्र लेखन कला की बारीकियों से प्रतिभाषियों को विस्तार से जानकारी दी तथा इससे संबंधित सभी विषयों पर अनेक जिज्ञासाओं का समाधान भी

• ग्रामिक एरा विधि में दो दिवसीय कार्यशाला शुरू
• यूकोस्ट महानिदेशक चौडवाल रहे मुख्य अतिथि
किया। इस मौके पर पदमविप्रेषण प्रो. मंजू शर्मा, पदमश्री प्रो. एलन पुरोहित, प्रो. वीसी श्रीनारयण, प्रो. आरती जेठली, प्रो. परमजीत खुराना, प्रो. सुषी श्रीनारयण, डॉ. नील कुमार, प्रो. अनिल कुमार गुप्ता, मोहन बाली, डॉ. डीपी उपाध्याय, डॉ. नील कुमार, डॉ. वीके तिवारी, डॉ. संजय गडोला, डॉ. कीरी पुरोहित, डॉ. अरुण कुनरसात, डॉ. फैलाश माधवपुत्र माडगुन, डॉ. जगदीश अस्मान, जितेन्द्र, नाची सप्त, प्रदीप, विपिन, अरती, सोनिया, शमोद, पंकज, अमित मौजूद रहे।

ERROR: ioerror
OFFENDING COMMAND: image

STACK: