



भारतीय कृषि अनुसंधान परिषद
INDIAN COUNCIL OF AGRICULTURAL RESEARCH
कृषि अनुसंधान भवन-II, पूसा, नई दिल्ली 110012
Krishi Anusandhan Bhavan Pusa - II, New Delhi 110012

F.No. HRM-3/39//2021-KAB/217

Dated 22nd December, 2021

OFFICE MEMORANDUM

Subject:-Two week NIAS-DST online training programme on “Science & Technology: Global Developments and Perspectives” from 24th Jan – 04th February 2022.

The National Institute of Advanced Studies (NIAS), Bengaluru has invited nomination for **Two week NIAS-DST online training programme on “Science & Technology: Global Developments and Perspectives” from 24th Jan – 04th February 2022** Senior and mid-career scientist-administrators and technologists who have nine or more years of experience in Group ‘A’. In case of women scientists, this condition may be relaxed.

The aim of the course is to emphasize the development of leadership qualities through the integration of multidisciplinary knowledge.

The Officers who need to attend above training course may send their nomination in the prescribed nomination form through proper channel (**HRD Nodal Officers/ Director of the concerned Institutes**) to HRM Unit, ICAR HQs latest by **30.12.2021** for onward transmission to NIAS, Bengaluru. The Nomination Form may be downloaded from ICAR website under **Col. Circular/HRM Unit**. The nomination form is also enclosed here. The nomination may not be sent online directly to NIAS, Bengaluru until it is approved by the Council.

The Officers who have already attended the training course need not apply. The applicants will not be allowed to withdraw their nominations after acceptance by NIAS, Bengaluru. The participation in the above training course will be subject to acceptance of nomination by NIAS, Bengaluru and also further orders from the Council.

(A K Vyas)
ADG (HRM) &

Training Manager, ICAR

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Distribution:-

1. All Officers/ Sections of ICAR HQs at KB/KAB-I&II/ NASC, New Delhi.
2. All Directors and HRD Nodal Officers of the ICAR Institutes.
3. E-office Notice Board.
4. ICAR Portal/ HRM Portal.
5. Guard file.

National Institute of Advanced Studies

Indian Institute of Science (IISc) Campus, Bengaluru



NIAS – DST Online Training Programme on Science & Technology: Global Developments and Perspectives

24 January - 4 February, 2022

The National Institute of Advanced Studies (NIAS) has been organizing training programmes in S&T for Indian scientists/technocrats with support from the Department of Science and Technology (DST), the Government of India. The objective of these workshops is to provide the orientations and planning skills required primarily for Indian scientists across the country. These workshops also aim to offer training and a system of regular updates in their respective field that are available to other cadre-based services.

At the global level, there have been numerous developments in recent years in science and technology. The NIAS-DST online programme aims to update the above for the scientist-administrators and technologists at the mid-level with nine years and above experience in group 'A'.

The focus of this online programme will be on "Science & Technology: Global Developments and Perspectives". The Course will be conducted via online during 24 January - 4 February, 2022.

About the Programme

The global landscape of Science and Technology has been changing rapidly during the last two decades. For example, developments in the fields of AI, Cyber and Space have

been taking place in a rapid space. These developments induce transformations and transitions in other fields, not only related to science and technology.

Despite the above developments in science and technology, world has been witnessing significant challenges, as the COVID-19 epidemic would highlight. Across the world, there are challenges posed by changes in the climate, and countries are working towards meeting the challenges of floods, wildfires and heatwaves. Research on energy-related themes has been another important focus in different parts of the world.

The above developments are also taking place at a critical political juncture globally, with a new cold war emerging between the US and China. S&T plays an important role in the above cold war; the fallouts would affect the entire world. Hence, it is imperative to study recent developments in science and technology, focusing on the above themes but also keeping in mind the global political structure that would aid or hinder cooperation in science and technology.

In India, there is a need to study the above developments in terms of what is happening at the global level and the politics behind it, and the possibilities of cooperation on S&T. Science diplomacy assumes importance in this context.



The NIAS-DST programme on “Science & Technology: Global Developments and Perspectives” would focus on the following:

1. Emerging Technologies: AI and Cyber
2. Space, Maritime and Aerospace
3. Energy and Environment
4. Climate Change and Policies
5. Healthcare & Agriculture
6. Science Diplomacy
7. Disaster Management

Course Outline

The training programme includes lectures by eminent speakers, followed by an in-depth discussion led by the participants in Q&A. The defining feature of the NIAS lectures is the interactive nature of the sessions with the distinguished faculty drawn from different organizations and occupations. The general format is a presentation for 45 minutes followed by lively discussions for another 45 minutes.

For the training programme the Institute seeks nominations from the Government Organisations only, such as DST, DRDO, DAE, ISRO, ICMR, ICAR, CSIR, DSIR and Central/State Universities. No participation fee is involved for attending this online training programme. Participation in this course is limited to 25 based on a review and selection process as per the guidelines given by DST.

Last date for submitting nominations:

Thursday, 6 January, 2022

Contact Information:

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Course Coordinator

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Co-Coordinator

Associate Professor, Energy Environment Program

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Mr. K.S. Rama Krishna

Course Secretary

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Indian Institute of Science Campus

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NIAS-DST Training Programme on
Science & Technology: Global Developments and Perspectives
January 24- February 04, 2022

BIODATA

NAME Prof./Dr./Mr./Ms.																

DESIGNATION:																
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ORGANISATION:																

DATE OF ENTRY IN GOVT. SERVICE (AS GROUP 'A')																
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CATEGORY (GENERAL / SC / ST / OBC)																
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DATE OF BIRTH											SEX (M/F)		
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PRESENT PAY										PAY LEVEL:						
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COMPLETE ADDRESS (OFFICE)																

COMPLETE ADDRESS (RESIDENCE)																

CONTACT DETAILS	PHONE (O)	PHONE (R)	MOBILE No.	E-MAIL

EDUCATIONAL / PROFESSIONAL QUALIFICATIONS (GRADUATION ONWARDS)					
Sl. No.	EXAMINATION/ DEGREE	UNIVERSITY/ INSTITUTE	YEAR	SUBJECT	DIVISION/PERCENTAGE OF MARKS

EXPERIENCE / POSTINGS (IN GROUP 'A') (FROM THE LEVEL OF SCIENTIST –'B' ONWARDS)					
Sl. No.	NAME OF THE ORGANISATION	DESIGNATION	FROM	TO	DUTY PERFORMED

TRAINING ATTENDED				
Sl. No.	YEAR	NAME OF THE TRAINING PROGRAMME	NAME OF THE INSTITUTE	DURATION

RESEARCH EXPERIENCE				
Sl. No.	YEAR	TOPIC OF RESEARCH	SPONSORING AGENCY	GIST OF REASEARCH

PAPER PUBLISHED / PATENT FILED/OBTAINED				
Sl. No.	YEAR	TOPIC OF PAPER/ BOOK	GIST OF PAPER	NAME OF JOURNAL/ MAGZINE/ PUBLISHER

Briefly give details of significant contribution made by you in the field of Science & Technology during your Service career (200 words).

Date:

(Signature)



GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
TECHNOLOGY BHAWAN, NEW MEHRAULI ROAD, NEW DELHI – 110016
TEL No. 011-26590349, 011-26590340

NOMINATION FORM

TRAINING PROGRAMME INSTITUTE	SCIENCE & TECHNOLOGY: GLOBAL DEVELOPMENTS AND PERSPECTIVES
DATE OF TRAINING	NATIONAL INSTITUTE OF ADVANCED STUDIES, IISC CAMPUS, BENGALURU 560012 Jan 24 – Feb 04, 2022

NAME Prof./Dr./Mr./Ms.			
DESIGNATION:		ORGANISATION:	
DATE OF BIRTH		DATE OF ENTRY IN GOVT. SERVICE (AS GROUP 'A')	
SEX (M/F)		PRESENT PAY AND PAY LEVEL:	
CATEGORY (GEN /SC/ST/OBC)			
COMPLETE ADDRESS / CONTACT NUMBERS / E-MAIL			

EDUCATIONAL / PROFESSIONAL QUALIFICATIONS (GRADUATION ONWARDS)			
SL. No.	YEAR	DEGREE	UNIVERSITY/INSTITUTE

RESEARCH EXPERIENCE			
SL.NO.	YEAR	TOPIC OF RESEARCH	SPONSORING AGENCY

EXPERIENCE / POSTINGS FROM LEVEL SCIENTIST 'B' ONWARDS (IN GROUP 'A')				
SL.NO.	NAME OF THE ORGANISATION	POST HELD	FROM	TO

TRAINING ATTENDED				
SL.NO.	YEAR	NAME OF THE TRAINING PROGRAMME	NAME OF THE INSTITUTE	DURATION
SPECIFIC AREA IN WHICH SKILL UPGRADATION DESIRED		1. 2. 3.		

Signature of the Candidate

RECOMMENDATION BY THE CONTROLLING OFFICER

(SIGNATURE OF THE RECOMMENDING OFFICER)
Name & Designation with Seal