

आर्यभट्ट प्रेक्षण विज्ञान शोध संस्थान

ARIES

ARYABHATTA RESEARCH INSTITUTE OF OBSERVATIONAL SCIENCES
(An Autonomous Institution of the DST, Govt. of India)

Dr. P. Pant,
Scientist E

Ref. No. AO/1210 /STRAD/School-2011

Dated: 04-08-2011

To

**The Registrar,
Pondicherry University
Pondicherry 605 014,
Pondicherry.**

Subject: School on “**Radar Probing of the Atmosphere**”, at ARIES Nainital

Dear Sir/Madam,

Aryabhata Research Institute of Observational Sciences (ARIES) is an autonomous research Institute under the Department of Science and Technology, Govt. of India. ARIES is going to establish and commission a Stratosphere-Troposphere Radar (ST-Radar) that will be unique system of this kind in the world. In order to educate and familiarize the students and young researchers with the functionality and application of this Radar system, ARIES is going to organize a DST sponsored school entitled: “**Radar Probing of the Atmosphere**” during **08-22 November 2011**, at Nainital. The detailed brochure of the school is enclosed herewith. It is requested you to kindly circulate this brochure among the interested researchers/students/ technocrats of your organization.

Yours faithfully,


(P. Pant)

Mailing address : ARIES Manora Peak, Nainital 263129 Uttarakhand, India
Location : At the distance of 3.5 km approach road bifurcating NH - 87 before 6.0 km to Nainital
Phone No. : (0091-05942) 235583, 232655, 233727, 233734, 233735
Fax No. : (0091-05942) 233439
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School on Radar Probing of the Atmosphere



Aryabhata Research Institute of Observational Sciences (ARIES)
Manora Peak, Nainital – 263129, Uttarakhand, India
08 – 22 November, 2011

Aryabhata Research Institute of Observational Sciences (ARIES), located in the foothills of Central Himalayas, is an autonomous research Institute under the Department of Science and Technology, Govt. of India.



Since ARIES is going to establish and commission a Stratosphere-Troposphere Radar (ST-Radar) that will be a unique system of this kind in the world, hence the ARIES has decided to organize a DST sponsored school entitled: "Radar Probing of the Atmosphere" to be held over two weeks during 08 – 22 November, 2011, at picturesque venue of ARIES Campus. The essential tutorial lecture topics will be following: (1) Introduction to physics and dynamics of the atmosphere; (2) Observational remote sensing techniques to probe the atmosphere; (3) Fundamentals of Radar and (4) Signal processing, Data retrieval and analysis.

Lectures will be delivered by the renowned experts from different Universities/Institutes in India. The school is aimed to attract young Ph.D./M. Sc. students in Physics/Atmospheric or Environmental or Space Sciences/Geophysics and B. Tech. students in Environmental or Electronics Engineering to the upcoming ST-Radar facility of ARIES, Nainital.

Participation and Application

Ph. D., postgraduate and B. Tech. students who are attached to a research Institute/Laboratory/University, are invited to attend the school. Total number of outstation participants will be thirty. Students will stay in the campus and the lectures are planned to be held at the auditorium and computational laboratory of ARIES, Nainital. Local hospitality and to-and-fro travel support (AC-III tier railway/bus-fare of the shortest route) will be provided to all selected participants.

Application form for admission to the School can be downloaded from the ARIES website: <http://www.aries.res.in/>. The duly completed application must reach ARIES, Nainital, latest by 07 September, 2011, electronically or a hard copy by the surface mail.

The Local Organizing Committee (LOC)

Prof. Ram Sagar	---Chairman
Dr. P. Pant	---Coordinator
Dr. Manish Naja	---Member
Dr. Narendra Singh	---Member
Dr. D. V. Phani Kumar	---Member
Mr. Samaresh Bhattacharjee	---Member
Dr. U. C. Dumka	---Member
Dr. Vimlesh Pant	---Member
Mr. Ashish Kumar	---Member
Mr. Chandra Prakash	---Member

For any further query, please contact:

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