



DEPARTMENT OF PHYSICS

University of Lucknow, Lucknow-226007 (U.P.) India

Dr. Rajiv Manohar

Professor
Director
OCAS, University of Lucknow
The Vice Chancellor
APJ Kalam Technical University
Lucknow

Date 28/6/24

Sub: "Space Science Education Promotion Scheme".

Dear Sir,

The selection of beneficiary students under project "Space Science Education Promotion Scheme" (ANTRIKSH VIGYAN SHIKSHA SAMVARDHAN KARYAKRAM) will be done through an online test to be held on 15th of July, 2024. The scheme is open to all the undergraduate students of faculty of Science & Faculty of Engineering.

You are requested to widely circulate this information (annexure A), so that large number of students could participate in the scheme.

With regards

Sincerely Yours

(Rajiv Manohar)
Project Coordinator

CC:

1. ACS. to The Hon'ble Governor of Uttar Pradesh
2. Dr. Pakaj L. Jani, OSD, Hon'ble Governor of Uttar Pradesh

For Circulation on website

29.06.24
कुलपति

(Annexure - A)

**ANTRIKSH VIGYAN SHIKSHA SAMVARDHAN KARYAKRAM
(AVISHIKAR)**

India navigates through the Amrit Kaal, the next twenty-five years will be of prime importance for the country for its transition to a developed nation. Our nation's space power would prove to be one of the most important building blocks. With a unique confluence of Science, Technology, Engineering and Mathematics (STEM) talent, cost-competitive technology development, space missions and conducive policies, India is well-positioned to leverage its space sector for growth. Prime Minister Modi's clarion call to build a space station by 2035 and landing of an Indian on Moon by 2040, ushers in a new era for the Indian space industry.

The Present Space Economy..

- In 2023, size of India's space economy was estimated at \$8.4 billion (around 2-3% of global space economy).
- Potential to capture 9% of global market share by 2030.
- Space Start-ups have increased to nearly 200 in 2024 from 1 in 2022.

The academia-industry-government would increasingly start collaborating with innovative engagement models. **This accelerated growth will require millions of highly skilled professionals, including scientists, engineers, astronomers, astronauts, astrophysicists, and space entrepreneurs, to expand the horizons of the Indian space industry.** It is therefore of much importance that the young generation of bright students studying science may come forward in the field of Space science as it is the future of all the streams of sciences, may it be exploring life on different planets, discovering medicines for existing ailments, sustainable development etc. Therefore it is of much importance that the university and colleges understand their role in creating awareness among young promising students about space sciences and the various facilities/ opportunities available in the field. The Government of India has started several schemes through space science agency "ISRO" for this purpose on the theme "Catch them Young". Now it is the time for educational institutions, right from Middle level to Higher education to take the initiative and let their students know about various schemes, career opportunities, and facilities available in this area of science.

Looking at this gap that the students of our state lack in awareness of such schemes and opportunities available in the field of space science, the Honourable Governor of Uttar Pradesh directed to develop a proposal for creating awareness among students in the space science area and catch the interested/ suitable candidates train them on the basics of this area so that they can be inspired to take this area as their career opportunity and lead the nation in the space science and technology.

So, The project activities are deeply rooted around the vision of the Honorable Governor madam for making state of Uttar Pradesh a potential hub in ongoing and future space activities of the country.

The selection of beneficiary students under project "Space Science Education Promotion Scheme" (ANTRIKSH VIGYAN SHIKSHA SAMVARDHAN KARYAKRAM) will be done through an online test to be held on 15th of July, 2024. The scheme is open to all the undergraduate students of faculty of Science & Faculty of Engineering. The details of test registration will be available on University website.