

## Kishore Vaigyanik Protsahan Yojana (KVPY)

The Kishore Vaigyanik Protsahan Yojana (KVPY) is an on-going National Program of Fellowships in Basic Sciences, initiated and funded by the Department of Science and Technology, Government of India, to attract exceptionally and highly motivated students for pursuing basic science courses and career in research.

The objectives of the program are to identify the students with talent and aptitude for research; help them realize their potential in their studies; encourage them to take up research careers in Science, and ensure the growth of the best scientific minds for research and development in the country.

The selection of students is from those studying in XI standard to 1st year of any undergraduate Program in Natural and Basic Sciences having aptitude for scientific research. There are special groups or committees set up at IISc, which screen the applications, conduct aptitude test at various centres. Based on the performance in the aptitude test, short-listed students are invited for an interview which is the final stage of the selection procedure. For receiving a fellowship, both aptitude test and interview are required.

This program strives to assist the students to realize their potential and ensure that the best scientific talent is groomed for research and development in the country. Generous fellowship and contingency grant are provided up to the pre-Ph.D. level to the selected students. In addition, summer programs for the KVPY Fellows are organized in prestigious research and educational institutions in the country.

The Department of Science and Technology, the nodal agency of the Government has entrusted the overall responsibility for organizing the KVPY Program to the Indian Institute of Science, Bangalore and set up a National Advisory Committee (NAC) for overseeing its implementation. A Basic Committee and a National Scientific Committee, look after both the administrative and academic aspects of the KVPY Program.

### Eligibility

The KVPY Fellowships are given to Indian Nationals for Study in India. Selection to the program takes into account academic performance / excellence and demonstrated skill / interest in pursuing research as career.

**Stream SA:** Students enrolled in the XI Standard (Science Subjects) during the academic year 2012-13 and have secured a minimum of 80% (70% for SC/ST) marks in aggregate in MATHEMATICS and SCIENCE subjects in the X Standard Board Examination. Students promoted through both the Summative Assessments-II conducted by the school and conducted by the Board are eligible to apply, if they satisfy the eligibility criteria. If the students have obtained a letter grade in the qualified examination, they are requested to convert it into an appropriate % and fill-up the application form.

**Stream SX:** Students enrolled in XII Standard/ (+2) (Science subjects) during the academic year 2012-13 and aspiring to join an undergraduate program in Basic Sciences (B.Sc./B.S./Int. M.Sc./M.S.) for the session 2013-14 provided they have secured a minimum of 80% (70% for SC/ST) marks in aggregate in MATHEMATICS and SCIENCE subjects in the X Standard Board Examination.

**Stream SB:** Students enrolled in the 1st year of B. Sc./B.S./Int. M.Sc./M.S. during the academic year 2012-13 and have secured a minimum of 60% (50% for SC/ST) marks in aggregate in SCIENCE subjects in the XII Standard Board Examination.

### Syllabus

Anything covered up to 12th standard level from both CBSE and ICSE board.

**Tentative Schedule :** Usually, Last week of October to first week of November.

## Fellowships

<b>BASIC SCIENCES</b>	<b>Monthly Fellowship</b>	<b>Annual Contingency Grant</b>
SA (After X Class)	Rs. 4000	Rs. 16000
SX /SB - during 1st to 3rd years of - B.Sc./B.S. /Integrated M.Sc. /M.S.	Rs. 5000	Rs. 20000
SX /SB - during M. Sc. / 4th to 5th years of Integrated M.Sc. /M.S.	Rs. 7000	Rs. 28000

## Renewal/Continuation of fellowship

Annual renewal of fellowships will depend on the KVPY Fellows maintaining a good academic performance of first class (60% marks) or equivalent grade point average in science subjects in each academic year in the first attempt. Repeaters or students who failed and passed or improved in the subsequent attempts will not be eligible to be considered for renewal of fellowship even if they fulfil the performance criteria in the subsequent attempts.

In addition to the above, participation and satisfactory performance in the Summer Program in the first year and Summer project every year thereafter is mandatory requirement for renewal of the fellowship.

KVPY Fellows who opt out of the science stream at any stage will forfeit the Fellowship and Contingency Grant forthwith.

The fellowship for the students selected under the stream SA will be continued after the XII Standard/ (+2) only if they pursue an undergraduate course in Basic Sciences (B.Sc./B.S./Int. M.Sc./M.S.)

## Summer program

Summer programs are important parts of the nurture program for KVPY Fellows. These are meant to expose the Fellows to methods of scientific search and inculcate in them an abiding interest in doing scientific research. These are normally organized during the summer vacation, when KVPY Fellows spend one or two weeks in scientific institutions listening to lectures by experts in different fields of Basic Sciences and other related subjects, see things in a research environment, science in action, watch scientists at work, interact with scientists, visit nearby scientific research laboratories and institutions, exchange views and interact with other research students. Sometimes Fellows with specific interest are associated with individual scientists who talk to them about their interest, help them clear their doubts, give them problem to work out, let them do experiments, and tell them about the future scope in the area of their interest.

The Summer Program for KVPY Fellows is arranged at Indian Institute for Science Education and Research (IISER) - Kolkata, Pune, Mohali, Bhopal, and Trivandrum for a week.

## Other Privileges

Each KVPY Fellow will be issued with an Identity card so as to have access to renowned National laboratories/ Universities who have agreed to extend special privileges like library, laboratory facilities to KVPY Fellows on production of the ID card.

Source: <http://www.kvpy.org.in>