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Indian Institute of Astrophysics  
Bengaluru  
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**Call For Applications under the**

# Focus Areas in Science And Technology Summer Fellowship 2018

## Astrophysics: An Observational View of the Universe

**PREAMBLE:** A summer school of 9 weeks duration will be conducted starting from June 4, 2018 to August 3, 2018. The inaugural and closing functions will be addressed by internationally reputed distinguished scientists in the field of Astrophysics. The focus of the school will be on both the ground and space based multi-wavelength observational techniques used to observe the Universe so that next generation is exposed to the existing and upcoming major observational facilities in the globe with an emphasis of Indian initiatives in the field.

**BRIEF SUMMARY OF THE PROPOSED ACTIVITIES:** A syllabus covering all fields of the above mentioned observational Astrophysics will be conducted in the school. Details of this will be made available by February 2018.

During the 3 weeks of the school, participants will visit different observational facilities in Bengaluru, Kavalur, Hosakote, Ooty and Gauribidanur so that they can learn about

space and ground based observational facilities. All participants will have to prepare a project report on the observational topics assigned to them.

There will be 60 talks (2 on each working day of week) during remaining 6 weeks of the summer school. These talks will cover the above mentioned syllabus and will be delivered by about 15 resource persons who are well known experts in the field.

Students (final UG and first/second year PG courses) from science and engineering background with an interest and appreciation for Astrophysics are encouraged to apply. The selected candidates will have an opportunity to attend the school. The students are expected to attend full course. Accommodation costs will be subsidized and a stipend of Rs 10,000/- per month will be paid along with a certificate of participation after successful completion of the internship.

Interested applicants are encouraged to visit [www.ias.ac.in](http://www.ias.ac.in) and download the application format.

The filled in application must be submitted before 31 January 2018 to:

The Coordinator,

Science Education Programme,

Indian Academy of Sciences, C V Raman Avenue, Sadashivanagar, Bengaluru 560 080.

Tel: (080) 2266 1207 / 2266 1202 / 2266 1221, Fax: (080) 2361 6094

Email: [fastsf@ias.ac.in](mailto:fastsf@ias.ac.in) website: [www.ias.ac.in](http://www.ias.ac.in)

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