

HCT ACCEPTED PROPOSALS: Cycle2_2017

Proposal No.	Title	Name of PI and affiliation	Mode and Instruments required	Dates allotted
P01	Time-series CCD photometry of Globular Clusters.	Sunetra Giridhar, Arellano Ferro Indian Instt. of Astrophysics, Bangalore	HFOSC	Jun15, 16
P02	Spectroscopy of potential CH star candidates	Aruna Goswami, Shejeelammal J Indian Instt. of Astrophysics, Bangalore	HESP	May 6, Jun 1, Jul 28
P03	Spatial gas-phase metallicity distribution in a sample of Wolf-Rayet galaxies.	Abhishek Paswan, Suvendu Rakshit ARIES, Nainital	HFOSC	May 20, 21
P04	Observations of Novae in outburst.	Pavana M, Ashish Raj Indian Instt. of Astrophysics, Bangalore	HFOSC HESP TIRSPEC	ToO
P05	Search for binary companion in RR Lyrae type systems.	K. Sriram, Malu S. Deptt of Astronomy, Osmania University, Hyderabad	HFOSC	May 31
P06	Observation of K giant stars	Raghubar Singh, Bharat Kumar Yerra Indian Instt. of Astrophysics, Bangalore	HESP	May1 , Jun 2, Jul 15, Aug 29
P07	Differential transit photometry for detection of short-period exoplanets.	Aritra Chakrabarty, Sujan Sengupta Indian Instt. of Astrophysics, Bangalore	HFOSC	Jul 26, 27 Aug 25,26
P08	Array Calibration Nights of TIFR Near-Infrared Spectrometer and Imager (TIRSPEC) for 2-meter Himalayan Chandra Telescope.	D.K. Ojha, T. Baug TIFR, Mumbai	TIRSPEC	May 13 Jun 11, Jul 11
P10	Optical and near-IR spectrophotometric evolution of classical and recurrent novae	Ashish Raj, Pavana M. Indian Instt. of Astrophysics, Bangalore	HFOSC HESP TIRSPEC	May 18, Jun 28, Jul 16
P11	UBVRI photometry of stars close to star-formation regions	Marina Prokopjeva Asoke K. Sen Dept. of Phys, Assam University, Silchar	HFOSC	May 27, 28

P12	Mid-infrared bubbles: study the feedback processes of massive stars on their surroundings	Tapas Baug, D.K. Ojha TIFR, Mumbai	HFOSC TIRSPEC	Jun 29, 30, Aug 22
P13	Spectroscopic observations of AGN Candidates in the Kepler Field of View	Michael Carini, Honey M Western Kentucky Univ. Bowling Green, KY USA	HFOSC	Jul 22
P14	Testing Solar System Formation	Karen J. Meech, B. C. Bhatt Inst. for Astron., Univ. Hawaii	HFOSC	May 19, Jun 14
P15	Photometric (optical/NIR) and spectroscopic (optical/NIR) monitoring of FU Ors and EX Ors Eruptive Young Stellar Objects (MFES Program).	Joe P. Ninan, D.K. Ojha TIFR, Mumbai	HFOSC TIRSPEC	Jul 2, 3, 12, Aug 20, 21
P16	Monitoring night sky at IAO	B.C. Bhatt, D.K. Sahu Indian Instt. of Astrophysics, Bangalore	HFOSC	May 14 Jun 3, Jul 13, Aug 17, 30
P17	Characterising disk accretion across gaps opened by planets: Monitoring accretion rate variability in transitional disks	Mayank Narang, Blesson Mathew TIFR, Mumbai	HFOSC TIRSPEC	May 15, Jun 20, Jul 17
P18	Testing the `core-accretion' model for planet formation with transitional disks	Mayank Narang, Blesson Mathew TIFR, Mumbai	HFOSC	May 15, Jun 20, Jul 17
P19	H _α imaging of Tidal Dwarf Galaxies.	C. Sengupta, S. Ramya Yonsei University Observatory, Yonsei-ro, Seodaemungu Seoul, S. Korea	HFOSC	May 24,25
P20	Understanding Physical Properties of Young M-dwarfs : Optical and Near-IR spectroscopic studies.	Dhrimadri Khata, Samrat Ghosh S N Bose Centre, Kolkata	HFOSC TIRSPEC	Jun 26, 27
P21	Observations of Low Redshift Supernovae	Avinash Singh, D.K. Sahu Indian Instt. of Astrophysics, Bangalore	HFOSC TIRSPEC	ToO

P22	A Search for Photometric Variability in Brown Dwarfs' Atmosphere	Samrat Ghosh, Soumen Mondal S N Bose Centre, Kolkata	HFOSC TIRSPEC	Jun 24, 25
P23	ToO observations of SNe imposters.	F. Sutaria, Chintak Murali Indian Instt. of Astrophysics, Bangalore	HFOSC, TIRSPEC	ToO
P24	Spectroscopic and photometric observations of core collapse supernovae (CC-SNe)	F. Sutaria, Chintak Murali Indian Instt. of Astrophysics, Bangalore	HFOSC TIRSPEC	ToO
P25	Follow-up observations of core collapse supernovae (CC-SNe) and SNe-imposters.	F. Sutaria, Chintak Murali Indian Instt. of Astrophysics, Bangalore	HFOSC	May 26, Jun 17, Jul 14, Aug 19,31
P26	Metallicity studies of SNe host galaxies.	F. Sutaria, Chintak Murali Indian Instt. of Astrophysics, Bangalore	HFOSC	May 26, Jun 17, Jul 14, Aug 19, 31
P27	Deep host galaxy template imaging of Supernovae fields	Mridweeka Singh, Anjasha Gangopadhyay ARIES, Nainital	HFOSC	May 23
P28	Late-time spectroscopic follow-up of five recent SNe	Mridweeka Singh, Anjasha Gangopadhyay ARIES, Nainital	HFOSC	Jun 22,23
P29	A high resolution view on the wind structures and properties of Wolf-Rayet stars	Tapas Baug, Blesson Mathew TIFR, Mumbai	HFOSC HESP	Aug 23
P30	Optical and Near-IR Observation of Planetary Nebulae	Rahul Bandyopadhyay, Dr. Ramkrishna Das S N Bose Centre, Kolkata	HFOSC TIRSPEC	Aug 27, 28
P31	Is PDS 11 special ? A large spectroscopic survey of young stars in nearby moving groups	Blesson Mathew, Mayank Narang TIFR, Mumbai	HFOSC TIRSPEC	May 16, Jun 21, Jul 18
P32	Investigating Extreme Helium Stars to find their evolutionary connection with RCrBs, HdCs and DYPer type stars.	Anirban Bhowmick, Gajendra Pandey Indian Instt. of Astrophysics, Bangalore	HESP	Jun 4, Jul 19,31
P33	Study of Helium stars and hydrogen-decent stars to explain their origin	Anirban Bhowmick, Gajendra Pandey Indian Instt. of Astrophysics, Bangalore	TIRSPEC, HESP	Jun 4, Jul 19, 31

P34	Investigating the differences between the Carbon stars: R-Stars, DY Per, and RCB stars	Hema B P, Anirban Bhowmick Indian Instt. of Astrophysics, Bangalore	HFOSC, HESP	Jul 29, 30
P35	World-Wide 4*P Coma Morphology Campaign	Jayant Murthy, Firoza Sutaria Indian Instt. of Astrophysics, Bangalore	HFOSC	May 1,7,14,21
P36	Census of Young Stellar Objects (YSOs) and I-band variability of YSOs in the H II region Sh2-112	Alik Panja, Soumen Mondal S N Bose Centre, Kolkata	HFOSC	Jul 24, 25
P37	Optical and NIR observations of Carbon enhanced metal poor stars.	Susmitha Rani Antony, T. Sivarani Indian Instt. of Astrophysics, Bangalore	HESP TIRSPEC	May 3,30, Jun 12
P38	Observations of Supernovae in the Nebular Phase	Avinash Singh, S. Srivastav Indian Instt. of Astrophysics, Bangalore	HFOSC TIRSPEC	May 5,22,29, Jun19, Jul1,21, Aug24
P39	High Resolution Optical Spectroscopy to probe the evolution of cometary volatiles	Kumar Venkataramani, Sivarani T PRL, Ahmedabad	HESP	May 2,28, Jun 23, Jul12
P40	Follow up observations of EMP stars from SDSS and LAMOST survey	Avrajit Bandyopadhyay, T. Sivarani Indian Instt. of Astrophysics, Bangalore	HESP	May 4, Jun 13, Jul23
P41	Temperature and area _ll-factor measurements of starspots in chromospherically active Sun like stars and stellar dynamo measures	S.P. Rajaguru, Lalitha Sairam, Indian Instt. of Astrophysics, Bangalore	HESP	Jul 4
P42	Optical - IR monitoring of Seyfert 1 galaxies	Amit Kumar Mandal, Suwendu Rakshit Indian Instt. of Astrophysics, Bangalore	HFOSC TIRSPEC	-
P43	Hanle Echelle Spectrograph - atmospheric dispersion corrector calibration and calibration of Cassegrain unit thermal control for better RV and ux stability	T. Sivarani, Arun Surya Indian Instt. of Astrophysics, Bangalore	HESP	May 7, Jun 5, Jul 5
P44	Investigating Close-in Extra-solar Planets through Photometric Follow-up of their Transits	Parijat Thakur, Vineet Kumar Guru Ghasidas Univ. Bilaspur (CG)	HFOSC	May 22,25,29

