

HCT ACCEPTED PROPOSALS: Cycle1_2018

Proposal No.	Title	Name of PI and affiliation	Mode and Instruments required	Dates allotted
P01	Spectroscopy of Potential CH Star Candidates	Aruna Goswami et al. IIA	HFOSC	Jan 24 , Feb 7, Mar 6
P02	UBVRI photometry of stars close to star-formation regions	Asoke K. Sen et al. Assam University, Silchar	HFOSC	Mar 19, 20
P03	Exploring the Symbiotic Nature of AGB stars with Raman-scattered emission features	Mudit Srivastav PRL, Ahemadabad	HFOSC	Jan 9, 22
P04	Array Calibration Nights of TIFR Near-Infrared Spectrometer and Imager (TIRSPEC) for 2-meter Himalayan Chandra Telescope.	D K Ojha et al. TIFR	TIRSPEC	Jan 5, Feb 27, Mar 5,
P05	Time-series CCD photometry of Globular Clusters.	S Giridhar et al. IIA	HFOSC	Apr 8, 9
P07	Spectroscopy of potential CH star candidates	Aruna Goswami IIA	HESP	Mar 8, 9, 24 Apr 4
P08	Optical and near-IR spectrophotometric evolution of classical and recurrent novae	Ashish Raj et al. IIA	HFOSC HESP, TIRSPEC	Jan 16, Mar 10 Apr 11
P09	Study of Mass Function of Faint Young Open Clusters	Sujata et al. MPBIFR, Bangalore	HFOSC	Jan 12
P10	Observations of Low Redshift Supernovae	D.K. Sahu et al. IIA	HFOSC TIRSPEC	ToO
P11	Investigating the differences between the Carbon stars: R- Stars, DY Per, and RCB stars	Hema B P et al. IIA	HFOSC	Feb 24
P12	Monitoring night sky at IAO	D.K. Sahu IIA	HFOSC	Jan 11, Feb 9 Mar 7, Apr 5, 21
P13	Optical - IR monitoring of Seyfert 1 galaxies	Amit Kumar Mandal et al IIA	HFOSC TIRSPEC	19 slots of 40 min each
P14	Characterising disk accretion across gaps opened by planets: Monitoring accretion rate variability in transitional disks	Mayank Narang et al. TIFR	HFOSC TIRSPEC	Jan 10, Feb 8
P15	Observations of Novae in outburst.	Pavana M et al. IIA	HFOSC HESP TIRSPEC	ToO
P16	Investigating Extreme Helium Stars to find their evolutionary connection with RCrBs, HdCs and DYPer type stars.	Anirban Bhowmick Gajendra Pandey IIA	HESP	Jan13, Feb 10, Mar 27, Apr 22

P17	Orbital solutions for new spectroscopic systems discovered among A- F-type candidate hybrid stars from the Kepler mission	Aruna Goswami et al. IIA	HESP	Apr 22, 23
P18	Follow up observations of EMP stars from SDSS and LAMOST survey	Avrajit Bandyopadhyay T. Sivarani IIA	HESP	Jan 22 , Feb 21 Apr 19
P19	Understanding the Galactic Structure and its formation: High resolution spectroscopy of a sample of the stars culled from GAIA astrometry catalogue	Deepak, B Eswar Reddy IIA	HESP	Feb 22, 23 Mar 25 , 26
P20	High resolution spectra of red giants.	Raghubar Singh B Eswar Reddy IIA	HESP	Feb 26, Mar 12, 13 Apr 23, 24
P21	Probing quasar environment using quasar pairs	Priyanka et al. ARIES, Nainital	HFOSC	Mar 16, 17
P22	Observations of Supernovae in the Nebular Phase	Avinash Singh et al. IIA	HFOSC TIRSPEC	Jan 21, Feb 13, Mar 11, 18 Apr 7
P23	Photometric (optical/NIR) and spectroscopic (optical/NIR) monitoring of FU Ors and EX Ors Eruptive Young Stellar Objects (MFES Program).	Joe P. Ninan et al. TIFR	HFOSC TIRSPEC	Feb 18, 19 Apr 12, 13
P24	Is PDS 11 special ? A large spectroscopic survey of young stars in nearby moving groups	Blesson Mathew et al. Christ University	HFOSC TIRSPEC	Feb 4, 5
P25	Studying Rossiter McLaughlin effect in eclipsing binaries	Priyanka Chaturvedi D K Ojha TIFR	HESP	Jan 28,29 Mar 28, 29 Apr 20
P26	A Search for Photometric Variability in Brown Dwarfs' Atmosphere	Samrat Ghosh et al. SNBNCBS Kolkata	HFOSC TIRSPEC	Apr 17,18
P27	Metallicity studies of SNe host galaxies.	F. Sutaria IIA	HFOSC	Jan 20, Feb 12 Apr 6
P28	Follow-up observations of CC-SNe and SNe-imposters.	F. Sutaria, Alak Ray IIA	HFOSC	Jan 20, Feb 12 Apr 6
P29	Spectroscopic and photometric observations of core collapse supernovae (CC-SNe)	F. Sutaria, Alak Ray IIA	HFOSC, TIRSPEC	ToO
P30	ToO observations of SNe imposters	F. Sutaria, Alak Ray IIA	HFOSC, TIRSPEC	ToO
P31	Photometric variability and Slit/Slitless Spectroscopy on two young star-forming regions Sh2-242 and Sh2-112	Alik Panja et al. SNBNCBS, Kolkata	HFOSC	Jan 17, 18
P32	Understanding Physical Properties of Young M-dwarfs : Optical and Near-IR spectroscopic studies.	Dhirmadri Khata et al. SNBNCBS, Kolkata	HFOSC TIRSPEC	Jan 19

P33	Investigating Close-in Extra-solar Planets through Photometric Follow-up of their Transits	Parijat Thakur Vineet Kumar Guru Ghasidas Vishwavidyalaya, Bilaspur	HFOSC	Mar 7, 11, 24, 28 Apr 10, 14
P34	Deep host galaxy template imaging of Supernovae fields	Raya Dastidar et al. ARIES, Nainital	HFOSC	Feb 16
P35	Late-time spectroscopic follow-up of five recent SNe	Raya Dastidar et al. ARIES	HFOSC	Jan 14, Mar 14
P36	Optical Spectroscopy of Nuclear Activity in Ultraluminous Infrared Galaxies	Mousmi Das et al. IIA	HFOSC TIRSPEC	Apr 16
P37	Characterisation of exoplanets atmosphere	Lalitha Sairam et al. IIA	HFOSC	Jan 9
P38	High-resolution spectroscopy of newly identified intermediate-mass young stars in Perseus OB1 association	Piyali Saha, Maheswar G IIA	HESP	Jan 6, 7, 8 Feb 6
P39	Near-infrared study of protostellar candidates in the Orion Molecular Cloud and young stellar objects in ? Ori Region	Piyali Saha, Maheswar G IIA	TIRSPEC	Jan 6, 7, 8 Feb 6
P40	Multiband Optical-NIR studies of blazars on diverse timescales	Aditi Agarwal G C Anupama IIA	HFOSC TIRSPEC	Feb 17 Mar 21, 22
P41	Near Infrared photometry of H II region Sh 2-309 containing open cluster Bochum 6	Rakesh et al., ARIES Nainital	TIRSPEC	Jan 25, 26, 27
P42	Optical and Near-IR Observation of Planetary Nebulae	Rahul Bandopadhyay et al. SNBNCBS, Kolkata	HFOSC TIRSPEC	Apr 25, 26
P43	Differential transit photometry for detection of short-period exoplanets.	Aritra Chakrabarty, Sujan Sengupta IIA	HFOSC	Jan 15 Feb 11
P44	Search for pre-main sequence variable stars in star forming regions	Tirthendu Sinha et al. ARIES, Nainital	HFOSC TIRSPEC	Jan 25, 26, 27
P45	Search for intra-night optical variability in misaligned active galaxies	Debbijoy Bhattacharya Manipal Centre for Natural Sciences (MCNS), Manipal University	HFOSC	Feb 14, 15