

### HCT ACCEPTED PROPOSALS: Cycle3 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,IIA Arellano Ferro	HFOSC	Oct 20, 21
P02	Observations of Novae in outburst.	Pavana M IIA	HESP, HFOSC, TIRSPEC	ToO
P03	Optical and near-IR spectrophotometric evolution of classical and recurrent novae	Ashish Raj IIA	HESP, HFOSC, TIRSPEC	Sept 26, Oct 16, Nov 23, Dec 22
P04	Array Calibration Nights of TIFR Near-Infrared Spectrometer and Imager (TIRSPEC) for 2-meter HCT	D.K. Ojha TIFR (DAA), Mumbai	TIRSPEC	Sep 2, Oct 2, 31, Nov 30
P05	Spectroscopy of potential CH star candidate	Aruna Goswami IIA	HESP	Sep 21, Nov 7, 8 Dec 24
P06	Is PDS 11 special ? A large spectroscopic survey of young stars in nearby moving groups	Blesson Mathew TIFR	HFOSC, TIRSPEC	Sep 09, 10 Oct 17
P07	Testing X-ray models for Intermediate Polars - a dynamical study of GK Per	M. A. P. Torres, Instituto De Astrosica De Canarias G. C. Anupama IIA	HFOSC	Dec 6, 7, 8
P08	Mid-infrared bubbles: study the feedback processes of massive	Tapas Baug ARIES	HFOSC, TIRSPEC	Sep 14, 15, 16

	stars on their surroundings			
P09	A high resolution view on the wind structures and properties of Wolf-Rayet stars	Tapas Baug ARIES	HESP, HFOSC	Sep 14, 15, 16
P10	Characterising disk accretion across gaps opened by planets: Monitoring accretion rate variability in transitional disks	Mayank Narang TIFR	HFOSC, TIRSPEC	Nov 20, 21, Dec 20
P11	Differential transit photometry for detection of short-period exoplanets	Aritra Chakrabarty IIA	HFOSC	Sep 30, Nov 12, 13, Dec 26, 27
P12	Monitoring night sky at IAO	B.C. Bhatt IIA	HFOSC	Sep 1, 27, Oct 1, 30, Nov 10, 29, Dec 9, 29
P13	Understanding the circumstellar disk in Classical Be-Stars	Annapurni Subramaniam IIA	TIRSPEC	Sep 29
P14	Identification and study of emission line stars in open clusters older than 100 Myr	Annapurni Subramaniam IIA	HFOSC	Dec 23
P15	Optical and Near-IR Observation of Planetary Nebulae	Rahul Bandyopadhyay SNBSCBS	HFOSC, TIRSPEC	Oct 12, 13
P16	Spectroscopic and photometric observations of core collapse super- novae (CC-SNe)	Firoza K. Sutaria IIA	HFOSC, TIRSPEC	ToO
P17	Follow-up observations of core collapse supernovae (CC-SNe) and SNe-imposters.	Firoza K. Sutaria IIA	HFOSC	Sep 20, Oct 14, 23, Nov 16, Dec 11, 25

P18	ToO observations of SNe imposters	Firoza K. Sutaria IIA	HFOSC, TIRSPEC	ToO
P19	Metallicity studies of SNe host galaxies.	Firoza K. Sutaria IIA	HFOSC	Sep 20, Oct 14, 23, Nov 16, Dec 11, 25
P20	Early Solar System Remnants: Testing Solar System Formation	Karen J. Meech Inst. for Astron., Univ. Hawaii	HFOSC	Sep 23, Dec 14
P21	High-resolution spectroscopy of newly identified intermediate-mass young stars in Perseus OB1 association	Piyali Saha ARIES	HESP	Dec 21
P22	Near Simultaneous Optical and NIR spectroscopy of YSOs towards reection nebula NGC 7023	Piyali Saha ARIES	HFOSC, TIRSPEC	Oct 27, 28
P23	High-resolution spectroscopy of a spectroscopic binary HD200775	Piyali Saha ARIES	HESP	Oct 29
P24	A Search for Photometric Variability of Very Low Mass stars (VLMs) and Brown Dwarfs in IC 348	Samrat Ghosh SNBNCBS	HFOSC, TIRSPEC	Nov 14, 15
P25	Optical - IR monitoring of Seyfert 1 galaxies	Amit Kumar Mandal IIA	HFOSC, TIRSPEC	
P26	Observations of Low Redshift Supernovae	D.K. Sahu, IIA IIA	HFOSC, TIRSPEC	ToO
P27	Photometric (optical/NIR) and spectroscopic (optical/NIR) monitoring of FU Ors and EX Ors Eruptive Young	Joe P. Ninan PSU	HFOSC, TIRSPEC	Sep 17, 18, 19 Nov 26, 27, 28

	Stellar Objects (MFES Program)			
P28	Studying Rossiter McLaughlin effect in eclipsing binaries	Priyanka Chaturvedi TIFR	HESP	Oct 24, 25, 26
P29	Photometric variability and Optical/Near-IR Spectroscopy of few bright candidate members on two young star-forming regions, Sh2-242 and Sh2-112	Alik Panja SNBNCBS	HFOSC, TIRSPEC	Dec 15, 16
P30	Understanding Physical Properties of Young M-dwarfs : Optical and Near-IR spectroscopic studies	Dhrimadri Khata SNBNCBS	HFOSC, TIRSPEC	Dec 12,13
P31	High resolution spectra of K giants	Raghubar Singh IIA	HESP	Sep 12, 28, Nov 24, 25, Dec 19
P32	Deep host galaxy template imaging of Supernovae fields	Anjasha Gangopadhyay ARIES	HFOSC	Dec 18
P33	Late-time spectroscopic follow-up of recent supernovae	Anjasha Gangopadhyay ARIES	HFOSC	Oct 18, Nov 19
P34	Observations of Supernovae in the Nebular Phase	Avinash Singh IIA	HFOSC, TIRSPEC	Sep 11, 24, Oct 11, 22, Nov 9, Dec 17
P35	NIR spectro-photometry of young open cluster Berkeley 65	Rakesh Pandey ARIES	TIRSPEC	Oct 9
P36	Follow up observations of EMP and VMP stars from SDSS and LAMOST survey	Avrajit Bandyopadhyay IIA	HESP	Sep 13, Oct 19, Nov 11, Dec 10, 28

P37	Hanle Echelle Spectrograph atmospheric dispersion corrector calibration and calibration of Cassegrain unit thermal control for better RV and flux stability Proposal	T. Sivarani IIA	HESP	Sep 8, 25, Oct 8, Nov 6
P39	Spectroscopic study of pre-main sequence variable stars	Tirthendu Sinha ARIES	HFOSC, TIRSPEC	Oct 10
P40	Search for intra-night optical variability in misaligned active galaxies	Debbijoy Bhattacharya Manipal Centre for Natural Sciences (MCNS), Manipal University	HFOSC	Nov 17, 18