

HCT ACCEPTED PROPOSALS: Cycle3_2018

Prop osal No.	Title	Name of PI and affiliation	Mode and Instruments required	Dates allotted
P01	Multiband Optical-NIR studies of blazars on diverse timescales	Aditi Agarwal IIA, Bangalore	HFOSC TIRSPEC	Sept 09, Oct 19, Nov 10
P02	Radial velocity characterization of Low-mass eclipsing binary candidates	Alaxender Panchal ARIES, Nainital	HESP	Dec 18
P03	Optical spec. survey towards galactic star-forming regions	Alik Panja S.N.Bose Centre	HFOSC	Dec 01, 03
P04	Optical - IR monitoring of Seyfert 1 galaxies	Amit Mandal IIA, Bangalore	HFOSC TIRSPEC	14 slots of 40 mins each
P05	Investigating Extreme Helium Stars to find their evolutionary connection with RCrBs, HdCs and DYPer type stars.	Anirban Bhowmick IIA, Bangalore	HESP	Sept 19, 20, 21, 22 Nov 01, 17
P06	Deep host galaxy template imaging of Supernovae fields	A. Gangopadhyay ARIES, Nainital	HFOSC	Dec 07
P07	Late-time spect. follow-up of five recent supernovae	A. Gangopadhyay ARIES, Nainital	HFOSC	Nov 09
P08	Spec. Study of Six Eclipsing Magnetic Cataclysmic Variables	Arti Joshi ARIES, Nainital	HFOSC	Nov 30, Dec 17
P09	Investigation of dust around early-type stars of low luminosity	Ashish Raj IIA, Bangalore	HESP	Sept 13, Oct 21, Nov 30, Dec 17
P10	A pilot survey to study radial velocity of metal rich stars	Athira Unni IIA, Bangalore	HESP	Sept 07, 27, Oct 25, Nov 04
P11	Observation of stars with transiting massive planets	Athira Unni IIA, Bangalore	HFOSC HESP	Sept 07, 27, Oct 25, Nov 04
P12	Observations of Supernovae in the Nebular Phase	Avinash Singh IIA, Bangalore	HFOSC TIRSPEC	Sept 11, Oct 04, 31, Nov 08, Dec 11, 31
P13	Follow up observations of EMP and VMP stars from SDSS and LAMOST survey	Avrajit Bandyopadhyay IIA, Bangalore	HESP	Sept 08, Oct 13, Nov 19
P14	Understanding excitation mechanism of OI lines in T Tauri stars	Blesson Mathew Christ University	HFOSC TIRSPEC	Nov 26
P15	Investigation of local environments of CCSNe and GRB host galaxies	Brajesh Kumar IIA, Bangalore	HFOSC	Oct 12, Nov 02, Dec 04

P16	Search for intra-night optical variability in misaligned active galaxies	Debbijoy Bhattacharya, Manipal Centre for Natural Sciences	HFOSC	Nov 05
P17	Understanding the Galactic Structure and its formation: High resolution spectroscopy of a sample of stars culled from Gaia astrometry catalogue.	Deepak IIA, Bangalore	HESP	Sept 21, 22, Oct 10, 11, 28, Nov 12, Dec 30
P18	Array Calibration Nights of TIFR Near-Infrared Spectrometer and Imager (TIRSPEC) for HCT.	D.K Ojha TIFR, DAA	TIRSPEC	Oct 27, Nov 21, Dec 25
P19	Understanding Physical Properties of Young M-dwarfs : Optical and Near-IR spectroscopic studies.	Dhramadri Khata S.N.Bose Centre	HFOSC TIRSPEC	Dec 02, 03
P20	Monitoring night sky at IAO	D.K Sahu IIA, Bangalore	HFOSC	Sept 14, Oct 18, 29, Nov 29, Dec 29
P21	Observations of Low Redshift Supernovae	D.K Sahu IIA, Bangalore	HFOSC TIRSPEC	ToO
P22	Narrow band imaging of diffuse emission in Draco cloud	Ekta Sharma IIA, Bangalore	HFOSC	Sept 16, 17, 18
P23	Distance estimation of Draco cloud using high-resolution spectroscopy	Ekta Sharma IIA, Bangalore	HESP	Sept 28, 29, 30
P24	Follow-up observations of core collapse supernovae (CC-SNe) and SNe-imposters.	Firoza K. Sutaria IIA, Bangalore	HFOSC	Sept 10, Oct 09, Nov 15
P25	Spectroscopic and photometric observations of core collapse supernovae (CC-SNe).	Firoza K. Sutaria IIA, Bangalore	HFOSC TIRSPEC	ToO
P26	ToO observations of SNe imposters	Firoza K. Sutaria IIA, Bangalore	HFOSC TIRSPEC	ToO
P27	World-Wide 4*P Coma Morphology Campaign: comet 46P/Wirtanen	Jayant Murthy IIA, Bangalore	HFOSC	Dec 13,14 & 06 slots of 2 hrs
P28	Metallicity distribution of HII regions in the outer Galaxy using HESP	Jessy Jose IISER Tirupati	HESP	Dec 08
P29	Photometric (optical/NIR) and spectroscopic monitoring of FU Ors and EX Ors Eruptive Young Stellar Objects (MFES Program)	Joe P Ninan PSU	HFOSC TIRSPEC	Nov 06, 07, Dec 12

P30	Early Solar System Remnants: Testing Solar System Formation	Karen J. Meech Inst. for Astron., Univ. Hawaii	HFOSC	Sept 12, Nov 13
P31	High Resolution Optical Spectroscopy to study the evolu- tion of comet 46P/ during the 2018 apparition	Kumar Venkataramani PRL, Ahmedabad	HFOSC HESP	Nov 28, Dec 15, 16, 28
P32	Optical Imaging and Spectroscopy of γ -ray Blazars with extended counterparts	A. Gupta ARIES	HFOSC	Nov 14
P33	Optical and near-IR spectrophotometric evolution of classical and recurrent novae	Pavana M IIA, Bangalore	HFOSC TIRSPEC HESP	Sept 15, Oct 01, Nov 03, Dec 09
P34	Observations of Novae in outburst	Pavana M IIA, Bangalore	HFOSC TIRSPEC HESP	ToO
P35	Slit-less grism spectroscopy of YSOs associated with NGC 7023	Piyali Saha IIA, Bangalore	HFOSC	Oct 10, 11
P36	Near-infrared study of protostellar candidates in the Orion Molecu- lar Cloud and Cepheus Region	Piyali Saha IIA, Bangalore	TIRSPEC	Oct 30, Nov 18
P37	Probing quasar environment using quasar pairs	Priyanka Jalan ARIES, Nainital	HFOSC	Nov 16
P38	High Resolution spectra of K giants	Raghubar Singh IIA, Bangalore	HESP	Sept 16, 17, 18, 19, Dec 10, 26, 30
P39	Near Infrared photometry of H II region Sh 2-247	Rakesh Pandey ARIES	TIRSPEC	Dec 27
P40	Optical and Near-IR Observation of Planetary Nebulae	Rahul Bandyopadhyay S.N.Bose Centre	HFOSC TIRSPEC HESP	Oct 05, 07
P41	Photometric monitoring of the quadruply lensed quasar PSOJ0147+4630	Frederic Courbin EPFL, Lausanne	HFOSC	18 slots of 01 hr each
P42	A Search for Photometric Variability in Brown Dwarfs' Atmosphere	Samrat Ghosh S.N.Bose Centre	HFOSC	Oct 06, 07
P44	Spectroscopy of metal-poor stars	Shejeelammal J IIA, Bangalore	HESP	Sept 28, 29, 30, Oct 08, Dec 19
P45	Photometric study of a stable M type red dwarf contact binary SDSS J001641-000925	K. Sriram Osmania University, Hyderabad	HFOSC	Oct 03

P47	Time-series CCD photometry of Globular Clusters	Sunetra Giridhar IIA, Bangalore	HFOSC	Oct 14, 15
P48	Optical and NIR observations of Carbon enhanced metal poor stars	Susmitha Rani Antony Past IIA-JAP	HESP TIRSPEC	Dec 05
P49	A high resolution view on the wind structures and properties of Wolf-Rayet stars	Tapas Baug KIAA, China	HESP	Oct 16, Nov 27
P50	Improvement of period-lum relation of Mira variables to measure distances of external galaxies	Tapas Baug KIAA, China	HFOSC TIRSPEC	Oct 16, Nov 27
P51	Follow-up spectroscopic study of variable stars in young cluster Stock 18	Tirthendu Sinha ARIES	HFOSC TIRSPEC	Oct 17
P52	Spectroscopy of potential CH star candidates	Aruna Goswami IIA, Bangalore	HESP	Sept 06, Oct 20, Nov 20