

HCT ACCEPTED PROPOSALS: Cycle2_2020

Proposal No.	Title	Name of PI and Affiliation	Mode and Instruments required	Dates allotted
P01	Time-series CCD photometry of Globular Clusters	Sunetra Giridhar Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOSC	May 26, 27, 28
P02	Optical follow up of IceCube Neutrino Events	Aditi Agarwal Affiliation : Raman Research Institute (RRI), Bengaluru	HFOSC	ToO
P03	Multiband Optical-NIR studies of blazars on diverse timescales	Aditi Agarwal Affiliation : Raman Research Institute (RRI), Bengaluru	HFOSC	May 12
P04	Investigating Close-in Extrasolar Planetary systems through Photometric Follow-up of their Transits	Parijat Thakur Affiliation : Dept. of Pure & Applied Physics, Guru Ghasidas Vishwavidyalaya, Bilaspur	HFOSC	May 11, 13, 17, 20
P05	Late-time spectroscopic follow-up of five recent supernovae	Raya Dastidar Affiliation : Aryabhata Research Institute of Observational Sciences (ARIES), Nainital	HFOSC	June 17 July 20
P06	Identification of most metal-poor stars based on low resolution spectroscopy	Shejeelammal J Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOSC	May 03, 04 July 10, 11
P07	Investigation of dust around early-type stars of low luminosity	Ashish Raj Affiliation : University of Delhi	HFOSC	May 10 July 13
P08	Potential CEMP star candidates for neutron-capture nucleosynthesis	Partha Pratim Goswami Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOSC	May 14, 29 July 07, 08

P09	Monitoring the extreme cases of broad absorption line variability in AGN	Vivek M Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOSC	May 21
P11	Observations of Low Redshift Supernovae	Devendra Sahu Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOSC	ToO
P13	Monitoring night sky at IAO	Devendra Sahu Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOSC	May 11, 13, 17, 20 June 28 July 12
P15	Optical and Near Infrared Observation of Cataclysmic Variables.	Ruchi Pandey Affiliation : S. N. Bose National Centre for Basic Science	HFOSC	June 09
P19	Photometric and Spectroscopic study of close binaries with tertiary components	Shanti Priya Devarapalli Affiliation : Department of Astronomy, Osmania University, Hyderabad	HFOSC	May 30
P20	Photometry and Spectroscopic studies of SdB (sub dwarf) binaries	Shanti Priya Devarapalli Affiliation : Department of Astronomy, Osmania University, Hyderabad	HFOSC	May 31
P21	Photometric (optical/NIR) and spectroscopic (optical/NIR) monitoring of FU Ors and EX Ors Eruptive Young Stellar Objects (MFES Program)	Joe Ninan Affiliation : Penn State University (PSU), USA	HFOSC	May 24 July 15
P22	Optical transmission spectroscopy and IR secondary eclipse observation of Hot jupiter host system	Athira Unni Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOSC	May 15, 25 June 11, 29
P23	Followup observations of core-collapse supernovae.	Firoza Sutaria Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOSC	May 22 July 16

P24	ToO observations of core-collapse supernovae.	Firoza Sutaria Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOOSC	ToO
P25	ToO observations of SNe imposters and violent transients.	Firoza Sutaria Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOOSC	ToO
P26	Optical - IR monitoring of Seyfert 1 galaxies	Amit Kumar Mandal Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOOSC	14 slots of 40 mins each
P27	Probing environment of emerging Broad absorption line quasars.	Sapna Mishra Affiliation : Aryabhata Research Institute of Observational Sciences (ARIES), Nainital	HFOOSC	June 22, 23
P28	Deep host galaxy template imaging of supernovae fields	Anjasha Gangopadhyay Affiliation : Aryabhata Research Institute of Observational Sciences (ARIES), Nainital	HFOOSC	June 17 July 20
P29	Optical-NIR studies of carbon stars in the Sgr substructure in the Milky Way halo	Susmitha Rani Antony Affiliation : Tata Institute of Fundamental research (TIFR), Mumbai	HFOOSC	June 20
P30	Transit photometry of hot-Jupiters around solar type stars.	Suman Saha Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOOSC	May 01 June 07, 16, 27
P31	Optical and Near Infrared observations of supernovae(SNe) in the nebular phase	Anirban Dutta Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOOSC	May 19 June 19 July 09, 21
P32	Optical and near-IR spectrophotometric evolution of classical and recurrent novae	M Pavana Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOOSC	May 16 June 10, 24 July 14

P33	Observations of novae in outburst.	M Pavana Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOSC	ToO
P34	Determination of host star metallicity of directly imaged planets	Swastik Chowbay Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOSC	June 30
P35	Optical and Near-IR Observation of Planetary Nebulae	Rahul Bandyopadhyay Affiliation : S. N. Bose National Centre for Basic Science	HFOSC	June 14, 15
P36	Transmission Spectroscopy of hot-Jupiters around bright stars.	Suman Saha Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOSC	May 01 June 07, 16, 27
P37	Spectroscopic and photometric studies of young star-forming region Sh2-87.	Siddhartha Biswas Affiliation : S. N. Bose National Centre for Basic Science	HFOSC	July 01
P38	Spectrophotometric observations and Variability Studies of Pre-main Sequence stars in the young star-forming region Sh2-132	Siddhartha Biswas Affiliation : S. N. Bose National Centre for Basic Science	HFOSC	July 02
P39	Spectroscopic Observations of high redshift pea galaxies	Suraj Dhiwar Affiliation : Dayanand Science College (DSC), Latur	HFOSC	July 18, 19
P40	Investigation of local environments of CCSNe and GRB host galaxies	Brajesh Kumar Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOSC	May 23 July 17
P41	Optical spectroscopic/imaging observations of comets from the Oort cloud.	Aravind K Affiliation : Physical Research Laboratory (PRL), Ahmedabad	HFOSC	May 18 June 25 July 22

P42	Optical and Near-IR Observation of Wolf Rayet Stars	Subhajt Kar Affiliation : S. N. Bose National Centre for Basic Science	HFOSC	June 08
P43	Optical and near infrared spectroscopy of symbiotic stars.	Sonith LS Affiliation : Indian Institute of Astrophysics (IIA), Bengaluru	HFOSC	May 02 June 26 July 03, 23
P44	Spectroscopic study of the hosts of Tidal Disruption Events	Rupak Roy Affiliation : Inter- University centre for Astronomy and Astrophysics (IUCAA), Pune	HFOSC	June 21
P45	Low resolution spectroscopy of contact binaries	Alaxender Panchal Affiliation : Aryabhata Research Institute of Observational Sciences (ARIES), Nainital	HFOSC	June 01, 02
P46	Understanding the physical properties and probing the stellar activity indicators of young M-dwarfs : Optical & NIR spectroscopic studies.	Dhrimadri Khata Affiliation : S. N. Bose National Centre for Basic Science	HFOSC	June 12, 13