

3.6m DEVASTHAL OPTICAL TELESCOPE
Aryabhata Research Institute of Observational Sciences, Manora Peak, Nainital

OBSERVING SCHEDULE for cycle DOT-2022-C1

(Notes for Proposers/PIs are given at the end)

Date	Moon Phase (%)	Proposal ID / Program				Instrument	Observers		
		Q1	Q2	Q3	Q4		PI	Approved ToO	Training
2021-FEB-01	●	P40	P40	P48	DDT	IMAGER / ADFOSC	Ayushi Verma / Kuntal Misra		
2021-FEB-02	3	DDT*		P26		IMAGER / ADFOSC	Kuntal Misra		
2021-FEB-03	8	P36	P36	P36	P36	IMAGER / ADFOSC	Avrajit Bandopadhyay	Amit Kumar	
2021-FEB-04	15	P34	P60	DDT		IMAGER / ADFOSC	Devendra Sahu / Amit Kumar	Amit Kumar	
2021-FEB-05	24	P43		DDT*		IMAGER / ADFOSC	Sindhu Pandey		
2021-FEB-06	33	P43	DDT	P26		IMAGER / ADFOSC	Sindhu Pandey / Kuntal Misra		
2021-FEB-07	42	P62	P62		DDT*	IMAGER / ADFOSC	Harmeen Kaur	Bhavya A.	
2021-FEB-08	●	P22	P22	DDT	TMT	IMAGER / ADFOSC	Mayank Narang	Bhavya A.	
2021-FEB-09	61	P22	P22	DDT*	P15*	IMAGER / ADFOSC	Mayank Narang		
2021-FEB-10	70	P22	P22		P48	IMAGER / ADFOSC	Mayank Narang / Kuntal Misra		
2021-FEB-11	78	DDT				IMAGER / ADFOSC			

2021-FEB-12	86	DDT*				IMAGER / ADFOSC			
2021-FEB-13	92	P21	P21			TIRCAM2	Yogesh Joshi		
2021-FEB-14	96					IMAGER / ADFOSC			
2021-FEB-15	99		P6*		P15*	IMAGER / ADFOSC			
2021-FEB-16	○					ADFOSC			
2021-FEB-17	99					ADFOSC			
2021-FEB-18	99					ADFOSC			
2021-FEB-19	95	DDT	P6*			ADFOSC			
2021-FEB-20	90	DDT*				ADFOSC			
2021-FEB-21	83	P28	P28	P28	P28	TIRCAM2	Aratrika Dey		
2021-FEB-22	73	P48	DDT*	DDT	P15*	ADFOSC	Kuntal Misra		
2021-FEB-23	●	P47	P47	P51	P51	ADFOSC	Arpan Ghosh / Payel Nandi	Shivangi Pandey	
2021-FEB-24	52	DDT*	P37	P51	P51	ADFOSC	Payal Nandi	Shivangi Pandey	
2021-FEB-25	41	P11	P11	P11	DDT	TIRCAM2	Peter De Cat / Payel Nandi		
2021-FEB-26	30	DDT*	P37	P37	P37	ADFOSC	Payel Nandi	Bhavya A.	
2021-FEB-27	20	P55	P55	P55	P55	ADFOSC	Abhishek Paswan	Bhavya A.	
2021-FEB-28	11	P11	P11	P11	DDT	TIRCAM2	Peter De Cat		
2021-MAR-01	5	DDT*	DDT	P21	P21	TIRCAM2	Yogesh Joshi		
2021-MAR-02	●	P8	P8	P8	P12	ADFOSC	Jean Surdej / Peter van Hoof	Rahul Gupta	
2021-MAR-03	1	P8	P8	P8	P12	ADFOSC	Jean Surdej / Peter van Hoof	Rahul Gupta	
2021-MAR-04	5	P8	P8	P8	P12	ADFOSC	Jean Surdej / Peter van Hoof	Rahul Gupta	
2021-MAR-05	10	DDT*	DDT	P8	P12	ADFOSC	Jean Surdej / Peter van Hoof	Shivangi Pandey	
2021-MAR-06	17	DDT*	P60	DDT	P12	ADFOSC	Devendra Sahu / Peter van Hoof	Shivangi Pandey	
2021-MAR-07	26	P64	P64	P64	P64	ADFOSC	Vineet Ojha		
2021-MAR-08	34	DDT*	DDT	TMT	P9	ADFOSC	Firoza Sutaria	Shivangi Pandey	
2021-MAR-09	44	DDT*	DDT			ADFOSC		Shivangi Pandey	

2021-MAR-10	●	P23	P23	P23	P23	ADFOSC	Shivangi Pandey		
2021-MAR-11	62	P23	P23	P23	P23	ADFOSC	Shivangi Pandey		
2021-MAR-12	71	DDT*	P26	P47	P47	ADFOSC	Kuntal Misra / Arpan Ghosh		
2021-MAR-13	80	DDT				ADFOSC			
2021-MAR-14	87	DDT	P15*		P6*	ADFOSC			
2021-MAR-15	93	DDT*	DDT			ADFOSC			
2021-MAR-16	97					ADFOSC			
2021-MAR-17	99	ICT	ICT	ICT	ICT	TANSPEC	DOT Team		
2021-MAR-18	○	ICT	ICT	ICT	ICT	TANSPEC	DOT Team		
2021-MAR-19	99	ICT	ICT	ICT	ICT	TANSPEC	DOT Team		
2021-MAR-20	97	IVT	IVT	IVT	IVT	TANSPEC	Saurabh / DOT Team		
2021-MAR-21	93	P32	DDT*	P15*	P6*	TANSPEC	Maheswar Gopinathan /		
2021-MAR-22	86	P32	DDT	P45	P45	TANSPEC	Maheswar Gopinathan / Diya Ram		
2021-MAR-23	77	P32	DDT*	P45	P45	TANSPEC	Maheswar Gopinathan / Diya Ram		
2021-MAR-24	67	P32	P11	P11	P11	TIRCAM2	Maheswar Gopinathan / Peter de Cat	Dimple	
2021-MAR-25	●	P56	P39	P39	DDT*	TANSPEC	Neelam Panwar / S. R. Antony	Rahul Gupta	
2021-MAR-26	44	P32	P39	P39	DDT	TANSPEC	Maheswar Gopinathan / S R Antony	Rahul Gupta	
2021-MAR-27	33	P32	DDT*	P15*	DDT	TANSPEC	Maheswar Gopinathan	Rahul Gupta	
2021-MAR-28	23	P11	P11	P11	P11	TIRCAM2	Peter De Cat		
2021-MAR-29	14	P62	DDT			TANSPEC	Harmeen Kaur		
2021-MAR-30	7	DDT*				TANSPEC			
2021-MAR-31	3	DDT				TANSPEC			
2021-APR-01	●	P59	P59	P59	P59	TANSPEC	Vibhore Negi	Bhavya A.	
2021-APR-02	2	P31	P31	DDT*		TANSPEC	Ravi Joshi	Bhavya A.	
2021-APR-03	6	P31	P31	DDT		TANSPEC	Ravi Joshi		
2021-APR-04	12	DDT*	P47	P47		TANSPEC	Arpan Ghosh	Naveen Dukiya	
2021-APR-05	19	P39	P39	P39	P39	TANSPEC	S R Antony	Naveen Dukiya	
2021-APR-06	27	DDT		P35	P35	TANSPEC	Varun		
2021-APR-07	36		P21	P21	DDT	TIRCAM2	Yogesh Joshi	Ankur Ghosh	
2021-APR-08	45	P47	P47	P50	P50	TANSPEC	Arpan Ghosh / Mizna Ashraf	Ankur Ghosh	

2021-APR-09	●	DDT*	DDT	P10	P10	TANSPEC	Supriyo Ghosh		
2021-APR-10	64	P47	P47	P47	P47	TANSPEC	Arpan Ghosh		
2021-APR-11	73	P15*	DDT	DDT*	TMT	TANSPEC			
2021-APR-12	82			P46	P46	TANSPEC	P K Nayak		
2021-APR-13	89	P6*	DDT*			TANSPEC			
2021-APR-14	95	DDT				TANSPEC			
2021-APR-15	99					TANSPEC			
2021-APR-16	○					TANSPEC			
2021-APR-17	99					TANSPEC			
2021-APR-18	99	P15*		P6*		TANSPEC			
2021-APR-19	95	DDT*				TANSPEC			
2021-APR-20	88	DDT				TANSPEC			
2021-APR-21	80			P38	P38	TANSPEC	Tirthendu Sinha		
2021-APR-22	69	DDT*	DDT	P7	P7	TANSPEC	N K Bhandari		
2021-APR-23	●			P7	P7	TANSPEC	N K Bhandari		
2021-APR-24	47	DDT		P7	P7	TANSPEC	N K Bhandari	Dimple	
2021-APR-25	36	P15*	DDT*	P4	P4	TANSPEC	Sarita Vig		
2021-APR-26	26	DDT		P4	P4	TANSPEC	Sarita Vig		
2021-APR-27	17	DDT*		P7	P4	TANSPEC	N K Bhandari / Sarita Vig	Naveen Dukiya	
2021-APR-28	10	DDT		P7	P7	TANSPEC	N K Bhandari	Naveen Dukiya	
2021-APR-29	5	DDT		P54	P54	TANSPEC	Himanshu Tyagi		
2021-APR-30	●	DDT*		P54	P54	TANSPEC	Himanshu Tyagi		
2021-MAY-01	1	DDT		P47	P47	TANSPEC	Arpan Ghosh	Ankur Ghosh	
2021-MAY-02	3	DDT*		P1	P1	TANSPEC	Sreelekshmi Mohan	Ankur Ghosh	
2021-MAY-03	8	DDT		P1	P1	TANSPEC	Sreelekshmi Mohan		
2021-MAY-04	14	P21	P21	P7	P7	TIRCAM2	Yogesh Joshi / N K Bhandari		
2021-MAY-05	21	DDT*		P18	P18	TANSPEC	Sapna Mishra	Rahul Gupta	
2021-MAY-06	29	DDT		P18	P18	TANSPEC	Sapna Mishra	Rahul Gupta	
2021-MAY-07	38	DDT		P19	P19	TANSPEC	Namitha Isaac		
2021-MAY-08	48	DDT*		P7	P1	TANSPEC	N K Bhandari / Sreelekshmi Mohan		

2021-MAY-09	●	P15*		P7	P7	TANSPEC	N K Bhandari		
2021-MAY-10	67	P39	P39	P39	P39	TANSPEC	S. R. Antony		
2021-MAY-11	77	DDT	TMT	P50	P50	TANSPEC	Mizna Ashraf		
2021-MAY-12	85	P6*		P19	P19	TANSPEC	Namitha Isaac		
2021-MAY-13	92	DDT*		P24	P24	TANSPEC	Tapas Baug		
2021-MAY-14	97	DDT	P21	P21	P38	TIRCAM2	Yogesh Joshi / Tirthendu Sinha		
2021-MAY-15	99	DDT*	P38	P38	P38	TANSPEC	Tirthendu Sinha		

ABBREVIATIONS :

DOT : Devasthal Optical Telescope

DDT : Directors Discretionary Time

ICT : Instrument Change Time

IVT : Instrument Verification Time

TMT : Telescope Maintenance Time

NOTES :

1. All the observations will be executed in the visitor mode and the PI of accepted proposals including ToO proposals, should ensure that either PI or co-I is present at Devasthal site for coordinating the observations. The visiting investigator should follow the prevailing COVID guidelines for the state of Uttarakhand. PI of accepted proposals may write to dot@aries.res.in for any observations related queries or requests. Latest update, including any unexpected technical issue, on the working of telescope and instruments will be put up on 3.6m DOT website (<https://www.aries.res.in/facilities/astronomical-telescopes/360cm-telescope>).
2. Available time on Telescope for cycle 2022-DOT-C1 is given in **Annexure – 1**.
3. List of accepted proposals is given in **Annexure – 2**.
4. While executing the DTAC-approved proposals, the priority sequence would be TMT, ICT, IVT, DDT* (approved-ToO proposals), DDT (Compensation for A-grade, unexpected events, etc), TcO, and regular proposals.
5. Each night is divided into four quarters and accordingly, the accepted proposals and instruments are scheduled. The start time, end time, and duration for each night is given in **Annexure-1** and accordingly time intervals for each quarter can be computed.
6. TIRCAM2 is mounted on side-port1 and hence it is available all the time during the cycle.
7. Observers are requested to fill an online observing log immediately after night observations. The log may contain proposal ID, sources observed, quality of night, difficulty faced, etc.
8. Time on the telescope is reserved in 42 quarter slots on several nights spread over the entire cycle for Director's Discretionary Time (DDT) and it will be utilised as per the DDT policy, e.g. for compensation, urgent maintenance, and extraordinary demand. The accepted ToO proposals account for 36 quarters of equivalent time (allocation marked with DDT*) and these are P2 (10 hrs) / Suvendu Rakshit; P14 (8 hrs) / Dimple; P16 (15 hrs) / Rahul Gupta; P17 (5

hrs) / Amit Kumar; P20 (14 hrs) / Kuntal Misra; P30 (10 hrs) / Naveen Dukiya; P44 (8 hrs) / Ankur Ghosh; P52 (5 hrs) / Dimple; P57 (5 hrs) / Brajesh Kumar;

9. Proposals P6 (20 hrs PI:Saurabh) and P15 (24 hrs PI:Brijesh Kumar) are accepted as filler science proposal on TIRCAM2 Instrument and mostly for bright/bright-gray period. A tentative scheduling is done, though, these can be allocated dynamically. P6 will require 30-minutes of time per epoch per source and P15 will require 1Q of time at two epochs separated by 7 days.
10. There have not been any science requirements for a few nights and these are open to use if a demand is raised to Director, ARIES (directoraries@aries.res.in) with a copy to dot@aries.res.in. Currently, these are left unscheduled as white slots.

Annexure – 1 : DOT-2022-C1 : Note on Telescope Time

Category	Number of Nights	Remarks
Total time	104	Total Quarters = 416 ; Total Hours = 938.2 Average hours per Night = 9.0 hours (= 938.2 / 104) FEB = 284.5 / 28 = 10.2 hours MAR = 289.6 / 31 = 9.3 hours APR = 250.2 / 30 = 8.3 hours MAY = 113.9 / 15 = 7.6 hours Dark (0 < moon < 25) : 7 + 10 + 9 + 5 = 31 nights Gray (25 <= moon < 75) : 10 + 10 + 11 + 5 = 36 nights Bright (75 <= moon < 100) : 11 + 11 + 10 + 5 = 37 nights
Observatory Time	6	Tentative break up is as follows : >> TMT (Telescope Maintenance Time) = .5 night x4 months (2 nights) gray/bright nights are ok.; WFS and Guider testing, monthly tracking and pointing, IQ optimization with WFS, seeing related tests >> ICT (Instrument Change Time) : 4 nights (mostly in bright period) ADFOSC to TANSPEC : 4 nights (March) [1 day : unmount of ADFOSC; 2 days mount of TANSPEC on telescope; 1 night for set-up tests]
Science Time	98	Total time minus Observatory time
DDT	9.8	10% of Science Time : 42 quarter nights
Guaranteed Time	88.2	Science time minus DDT Indian : 52.9 nights; ARIES : 29.1 nights; Belgian : 6.2 nights

Annexure – 1 : DOT-2021-C2 : Note on Telescope Time

FEBRUARY-2022					MARCH-2022				
Night	Moon Phase (%)	Start hh:mm	End hh:mm	Total hh:mm	Night	Moon Phase (%)	Start hh:mm	End hh:mm	Total hh:mm
01	●	19:10	05:38	10:28	01	5	19:29	05:17	09:47
02	3	19:11	05:38	10:26	02	●	19:30	05:16	09:45
03	8	19:12	05:37	10:25	03	1	19:30	05:15	09:44
04	15	19:12	05:37	10:24	04	5	19:31	05:13	09:42
05	24	19:13	05:36	10:23	05	10	19:32	05:12	09:40
06	33	19:14	05:36	10:21	06	17	19:32	05:11	09:39
07	42	19:14	05:35	10:20	07	26	19:33	05:10	09:37
08	●	19:15	05:34	10:19	08	34	19:33	05:09	09:35
09	61	19:16	05:34	10:17	09	44	19:34	05:08	09:33
10	70	19:16	05:33	10:16	10	●	19:35	05:07	09:32
11	78	19:17	05:32	10:15	11	62	19:35	05:06	09:30
12	86	19:18	05:32	10:13	12	71	19:36	05:04	09:28
13	92	19:19	05:31	10:12	13	80	19:37	05:03	09:26
14	96	19:19	05:30	10:11	14	87	19:37	05:02	09:24
15	99	19:20	05:29	10:09	15	93	19:38	05:01	09:22
16	○	19:21	05:29	10:08	16	97	19:39	05:00	09:21
17	99	19:21	05:28	10:06	17	99	19:39	04:58	09:19
18	99	19:22	05:27	10:05	18	○	19:40	04:57	09:17
19	95	19:23	05:26	10:03	19	99	19:41	04:56	09:15
20	90	19:23	05:25	10:02	20	97	19:41	04:55	09:13
21	83	19:24	05:24	10:00	21	93	19:42	04:53	09:11
22	73	19:25	05:24	09:58	22	86	19:43	04:52	09:09
23	●	19:25	05:23	09:57	23	77	19:43	04:51	09:07
24	52	19:26	05:22	09:55	24	67	19:44	04:50	09:05
25	41	19:26	05:21	09:54	25	●	19:45	04:48	09:03
26	30	19:27	05:20	09:52	26	44	19:45	04:47	09:01
27	20	19:28	05:19	09:50	27	33	19:46	04:46	08:59
28	11	19:28	05:18	09:49	28	23	19:47	04:45	08:57
					29	14	19:47	04:43	08:56
					30	7	19:48	04:42	08:54
					31	3	19:49	04:41	08:52
Total				284:32	Total				289:38

Annexure – 1 : DOT-2021-C2 : Notes on Telescope Time

APRIL - 2022					MAY - 2022				
Night	Moon Phase (%)	Start hh:mm	End hh:mm	Total hh:mm	Night	Moon Phase (%)	Start hh:mm	End hh:mm	Total hh:mm
01	●	19:49	04:39	08:50	01	1	20:13	04:02	07:48
02	2	19:50	04:38	08:48	02	3	20:14	04:01	07:46
03	6	19:51	04:37	08:45	03	8	20:15	04:00	07:44
04	12	19:52	04:35	08:43	04	14	20:16	03:59	07:43
05	19	19:52	04:34	08:41	05	21	20:17	03:58	07:41
06	27	19:53	04:33	08:39	06	29	20:18	03:57	07:39
07	36	19:54	04:32	08:37	07	38	20:19	03:56	07:37
08	45	19:54	04:30	08:35	08	48	20:19	03:55	07:35
09	☉	19:55	04:29	08:33	09	☉	20:20	03:54	07:33
10	64	19:56	04:28	08:31	10	67	20:21	03:53	07:31
11	73	19:57	04:26	08:29	11	77	20:22	03:52	07:29
12	82	19:57	04:25	08:27	12	85	20:23	03:51	07:28
13	89	19:58	04:24	08:25	13	92	20:24	03:50	07:26
14	95	19:59	04:23	08:23	14	97	20:25	03:49	07:24
15	99	20:00	04:21	08:21	15	99	20:26	03:48	07:22
16	○	20:01	04:20	08:19					
17	99	20:01	04:19	08:17					
18	99	20:02	04:18	08:15					
19	95	20:03	04:16	08:13					
20	88	20:04	04:15	08:11					
21	80	20:05	04:14	08:09					
22	69	20:06	04:13	08:07					
23	☉	20:06	04:11	08:05					
24	47	20:07	04:10	08:03					
25	36	20:08	04:09	08:00					
26	26	20:09	04:08	07:58					
27	17	20:10	04:07	07:56					
28	10	20:11	04:06	07:54					
29	5	20:11	04:04	07:52					
30	●	20:12	04:03	07:50					
Total				250:13	Total				113:53

ANNEXURE - 2 List of Accepted Proposals

1	2	3	4	5	6	7	8
Proposal Code	PI	Category	Title	Proposal Type	Allocated time by DTAC	Scheduled No. of Quarters	Dates scheduled
DOT-2022-C1-P1	Sreelekshmi Mohan	indian	Near-Infrared Imaging and Spectroscopy of a massive protostellar jet system toward the high-mass star-forming region IRAS 18162-2048	Thesis Project	12 hours	5Q	May 2, 3, 8
DOT-2022-C1-P2	Suvendu Rakshit	aries	Tracking the spectral evolution of Tidal disruption events	Long Term (New)	10 hours	4Q	ToO
DOT-2022-C1-P4	Sarita Vig	indian	Spectroscopic identification of brown dwarf candidates	Short Term	13 hours	5Q	Apr 25, 26, 27
DOT-2022-C1-P6	Saurabh	aries	Milliarcsecond resolution of late-type stars by lunar occultations	Long Term (Ongoing)	20 hours		TcO; Feb15,19, Mar 14, 21, Apr 13, 18, May 12
DOT-2022-C1-P7	Naval Kishor Bhadari	indian	Hunting the earliest phases of massive stars through NIR spectroscopic survey	Thesis Project	3.5 nights	14Q	Apr 22, 23, 24, 27, 28, May 4, 8, 9
DOT-2022-C1-P8	Jean Surdej	belgian	Spectroscopic identification of new multiply imaged quasar candidates	Long Term (Ongoing)	2.5 nights	10Q	Mar 2, 3, 4, 5
DOT-2022-C1-P9	Firoza Sutaria	indian	Search for binary companions/optical counterparts around Millisecond pulsars	Short Term	3 hours	1Q	Mar – 8
DOT-2022-C1-P10	Supriyo Ghosh	indian	Characterisation of Kepler red giants having distinct evolutionary status using TANSPEC on 3.6-m DOT and TIRSPEC on 2.0-m HCT	Long Term (Ongoing)	0.5 night	2Q	Apr – 9
DOT-2022-C1-P11	Peter De Cat	belgian	Characterisation of planetary and eclipsing binary candidates: chasing secondary transits/eclipses with TIRCAM2 (Part IV)	Long Term (Ongoing)	3.5 nights	13Q	TcO; Feb 25, 28, Mar 24, 28
DOT-2022-C1-P12	Peter van Hoof	belgian	Sakurai's object: monitoring the evolution of a VLTP object	Long Term (Ongoing)	1.3 night	5Q	Mar 2, 3, 4, 5, 6
DOT-2022-C1-P14	Dimple	aries	Probing short Gamma Ray Burst progenitors using optical/NIR counterparts	Thesis Project	8 hours	3Q	ToO
DOT-2022-C1-P15	Brijesh Kumar	aries	A new era in supernova cosmology: The near infrared Hubble diagram	Long Term (Ongoing)	24 hours	10Q	TcO; Feb 9, 15, 22, Mar 14, 21, 27, Apr 11, 18, 25, May 9
DOT-2022-C1-P16	Rahul Gupta	aries	3.6m DOT late-time follow-up observations of bright long GRBs discovered jointly by Swift and Fermi	Thesis Project	15 hours	6Q	ToO
DOT-2022-C1-P17	Amit Kumar	aries	Photometric and spectroscopic study of superluminous supernovae	Thesis Project	5 hours	2Q	ToO
DOT-2022-C1-P18	Sapna Mishra	indian	NIR spectroscopy of post-starburst galaxies to probe obscured star formation and stellar population	Long Term (Ongoing)	9 hours	4Q	May-5,-6
DOT-2022-C1-P19	Namitha Issac	indian	Investigating protostellar jets/outflows towards a sample of massive star-forming regions	Short Term	1 night	4Q	May-7,-12
DOT-2022-C1-P20	Kuntal Misra	aries	ToO mode spectroscopic observations of extremely young supernovae from the ZTF and ATLAS	Long Term (Ongoing)	14 hours	6Q	ToO
DOT-2022-C1-P21	Yogesh Joshi	aries	Atmospheric study of sub-Jovian planets: WASP-143b and NGTS-5b	Long Term (Ongoing)	2.5 nights	10Q	TcO; Feb13, Mar 1, Apr 7, May 4, 14
DOT-2022-C1-P22	Mayank Narang	indian	Devasthal Optical Protostellar Survey DOPS: Understanding accretion and outflow from protostars	Long Term (Ongoing)	14 hours	6Q	Feb 8, 9, 10,
DOT-2022-C1-P23	Shivangi Pandey	aries	Measuring black hole mass of NGC 4395	Thesis Project	2 nights	8Q	TcO; Mar 10, 11
DOT-2022-C1-P24	Tapas Baug	indian	Relation between accreting and outflowing gas in massive young stellar objects	Short Term	0.5 nights	2Q	May,-13
DOT-2022-C1-P26	Kuntal Misra	aries	Deciphering the asymmetries of circumstellar medium associated with interacting supernovae	Thesis Project	0.5 night	2Q	Feb-2,-6, Mar-12
DOT-2022-C1-P28	Aratrika Dey	indian	Deep J-band imaging of Narrow Line Seyfert 1 galaxies	Thesis Project	1 night	4Q	Feb,-21
DOT-2022-C1-P30	Naveen Dukiya	aries	Populating the energy-time phase space of the mysterious gap transients and interacting supernovae	Thesis Project	10 hours	4Q	ToO
DOT-2022-C1-P31	Ravi Joshi	indian	Unraveling the hot molecular and ionized gas in the inner kilo-parsecs of nearby Active galaxies	Long Term (Ongoing)	1 night	4Q	Apr, -2, 3

DOT-2022-C1-P32	Maheswar Gopinathan	indian	Estimation of accretion rate in four classical T Tauri stars using TANSPEC	Short Term	18 hours	6Q	Mar, 21, 22, 23, 14 26, 27
DOT-2022-C1-P34	Amit Kumar	aries	LGRB-SNe connections and photometric observations of their host with the 3.6m DOT	Thesis Project	3 hours	1Q	Feb,-4
DOT-2022-C1-P35	Varun	aries	Search for cold disk winds in LMXBs using DOT	Short Term	0.5 night	2Q	Apr,-6
DOT-2022-C1-P36	Avrajit Bandyopadhyay	aries	Search for stars of globular cluster origin in the outskirts using DOT and Gaia	Long Term (New)	1 night	4Q	Feb,-3
DOT-2022-C1-P37	Payel Nandi	indian	H _{alpha} imaging of AGN host galaxies	Thesis Project	1 night	4Q	Feb,-24,-26
DOT-2022-C1-P38	Tirthendu Sinha	aries	Understanding the accretion and outflows in low-mass young stellar objects	Short Term	1.5 nights	6Q	Apr 21, May 14, 15
DOT-2022-C1-P39	Susmitha Rani Antony	indian	NIR spectroscopic studies of carbon stars in the Sagittarius stream	Short Term	3 nights	12Q	Mar 25, 26, Apr 5, May 10
DOT-2022-C1-P40	Aayushi Verma	aries	Deep Optical Observation of two young star cluster	Thesis Project	0.5 night	2Q	Feb,-1
DOT-2022-C1-P43	Sindhu Pandey	aries	LOW RESOLUTION SPECTROSCOPIC STUDY OF BLUE BRAGGLERS IN TWO OPEN CLUSTERS: Collinder 110 and Berkeley 17	Long Term (Ongoing)	0.5 night	2Q	Feb,-5, 6
DOT-2022-C1-P44	Ankur Ghosh	indian	DOT follow-up observations of AstroSat CZTI detected GRBs	Thesis Project	8 hours	3Q	ToO
DOT-2022-C1-P45	Diya Ram	indian	Magnetic Activity and Stellar Variability of M-dwarfs: Optical and NIR Spectroscopic Studies	Thesis Project	1 night	4Q	Mar, -22, 23
DOT-2022-C1-P46	Prasanta Kumar Nayak	indian	Investigating the temporal evolution of mass accretion in T-Tauri stars using TANSPEC	Long Term (New)	0.5 night	2Q	Apr, -12
DOT-2022-C1-P47	Arpan Ghosh	aries	Photometric and Spectroscopic monitoring of eruptive young stellar objects.	Thesis Project	4.5 nights	18Q	Feb 23, Mar 12, Apr 4, 8, 10, May 1
DOT-2022-C1-P48	Kuntal Misra	aries	Deep nebular phase study of supernovae	Thesis Project	8 hours	3Q	Feb 1, 10, 22
DOT-2022-C1-P50	Mizna Ashraf	indian	The inner disk heating of WISE-selected protostellar variables with TANSPEC	Thesis Project	1 night	4Q	May -,11
DOT-2022-C1-P51	Payel Nandi	indian	Spectroscopy of star forming knots in AGN host galaxies	Thesis Project	1 night	4Q	Feb,-23
DOT-2022-C1-P52	Dimple	aries	Revealing the true energetics of highly energetic LAT detected GRBs using 3.6m DOT	Thesis Project	5 hours	2Q	ToO
DOT-2022-C1-P54	Himanshu Tyagi	indian	Probing protostellar evolution with TANSPEC	Thesis Project	1 night	4Q	Apr, -29, -30
DOT-2022-C1-P55	Abhishek Paswan	indian	A detailed study of dual core in late-stage galaxy mergers	Short Term	1 night	4Q	Feb,-27
DOT-2022-C1-P56	Neelam Panwar	aries	Photometric and spectroscopic monitoring of a ULLYSES target V505 Ori	Short Term	3 hours	1Q	Mar,-25
DOT-2022-C1-P57	Brajesh Kumar	aries	Investigating the observational properties of fast-evolving luminous transients	Short Term	5 hours	2Q	ToO
DOT-2022-C1-P59	Vibhore Negi	aries	Census on the impact of AGNs in the growth of Dwarf Galaxies	Long Term (New)	1 night	4Q	Apr,-1
DOT-2022-C1-P60	Devendra Sahu	indian	Late phase investigation of supernovae.	Long Term (Ongoing)	0.5 night	2Q	Feb 4, Mar 6
DOT-2022-C1-P62	Harmeen Kaur	indian	Deep imaging and NIR spectroscopy of two young star clusters	Thesis Project	8 hours	3Q	Feb7, Mar 29
DOT-2022-C1-P64	Vineet ojha	indian	Host galaxy imaging of gamma-ray detected Narrow-line Seyfert 1 (gamma-NLSy1) galaxies.	Long Term (Ongoing)	1 night	4Q	Mar,-7