3.6m DEVASTHAL OPTICAL TELESCOPE

OBSERVING SCHEDULE for cycle DOT-2022-C2

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

Date	Moon (%)	Proposal ID / Program				Instrument	Observers
		Q1	Q2	Q3	Q4		PI
2022-NOV-01	◑	P12	P15	P15	P48*	TANSPEC	Shivangi Pandey / Neelam Panwar / Rahul Gupta
2022-NOV-02	67	P42	P42	P42	P42	TANSPEC	Koshvendra Singh
2022-NOV-03	77	P22	DDT			TANSPEC	Bharti Arora
2022-NOV-04	85	P6				TANSPEC	Kameswara Rao
2022-NOV-05	92					TANSPEC	
2022-NOV-06	97	DDT				TANSPEC	
2022-NOV-07	99	P76	P76	P76	P76	TANSPEC	Varghese Reji
2022-NOV-08	○					TANSPEC	
2022-NOV-09	99	DDT				TANSPEC	
2022-NOV-10	98					TANSPEC	
2022-NOV-11	95	P63	DDT			TANSPEC	Rahul Gupta
2022-NOV-12	90	P56		TMT	TMT	TANSPEC	Shantanu Rastogi
2022-NOV-13	83	P56	P20	P75	P75	TANSPEC	Shantanu Rastogi / Tirthendu Sinha / Rahul Arora
2022-NOV-14	75	P26	P26	P26	P49*	TANSPEC	Bharat Kumar Yerra / Amit Kumar
2022-NOV-15	67	P64	P26	P26	P26	TANSPEC	Subhajit Kar / Bharat Kumar Yerra
2022-NOV-16	◐	P26	P26	P12	P35	TANSPEC	Bharat Kumar Yerra / Shivangi Pandey / Ashish Raj
2022-NOV-17	48	DDT	P28	P28	P35	TANSPEC	Shashi Bhushan Pandey / Ashish Raj
2022-NOV-18	39	P73	P73	P45	P45	TANSPEC	Mizna Ashraf / Diya Ram
2022-NOV-19	29	P73	P73	P45	P31*	TANSPEC	Mizna Ashraf / Diya Ram / Dimple
2022-NOV-20	20	P56	P20	P5	P5	TANSPEC	Shantanu Rastogi / Tirthendu Sinha
2022-NOV-21	12	P56	P51	P51	P48*	TANSPEC	Shantanu Rastogi / Himanshu Tyagi / Rahul Gupta
2022-NOV-22	6	P57	P51	P69	P69	TANSPEC	Ravi Joshi / Himanshu Tyagi / Arvind K
2022-NOV-23	2	P57	P51	P51	P52	TANSPEC	Ravi Joshi / Himanshu Tyagi / Prasanta Kumar Nayak
2022-NOV-24	●	DDT	P52	P51	P52	TANSPEC	Prasanta Kumar Nayak/ Himanshu Tyagi / PKN
2022-NOV-25	5	DDT	P20	P40	P67*	TANSPEC	Tirthendu Sinha / Harmeen Kaur / Shashi Bhushan Pandey
2022-NOV-26	11	P4	P4	P47	P40	TANSPEC	Vineet Rawat / Neelam Panwar / Harmeen Kaur
2022-NOV-27	20	P4	P4	P12	P47	TANSPEC	Vineet Rawat / Shivangi Pandey / Neelam Panwar
2022-NOV-28	30	P4	P4	P57	P66	TANSPEC	Vineet Rawat / Ravi Joshi / Vibhore Negi

2022-NOV-29	41	P4	P4	P66	P66	TANSPEC	Vineet Rawat / Vibhore Negi
2022-NOV-30	◑	P42	P42	P66	P57	TANSPEC	Koshvendra Singh / Vibhore Negi / Ravi Joshi
2022-DEC-01	63	DDT	P20	P42	P42	TANSPEC	Harmeen Kaur / Koshvendra Singh
2022-DEC-02	73	DDT	P38		P72	TANSPEC	Rajib Kumbhakar / Ritish Bhardwaj
2022-DEC-03	81				P72	TANSPEC	Ritish Bhardwaj
2022-DEC-04	89		DDT	P75	P75	TANSPEC	Rahul Arora
2022-DEC-05	94				P48*	TANSPEC	Rahul Gupta
2022-DEC-06	98	DDT				TANSPEC	
2022-DEC-07	99					TANSPEC	
2022-DEC-08	○		DDT			TANSPEC	
2022-DEC-09	99	P2*				TANSPEC	Saurabh
2022-DEC-10	98	P43*	DDT			TANSPEC	Amit Kumar
2022-DEC 11	94	P2*			DDT	TANSPEC	Saurabh
2022-DEC-12	88	DDT	P62	P62	P62	TANSPEC	Arup Kumar Maity
2022-DEC-13	82	DDT	P62	DDT	DDT	TANSPEC	Arup Kumar Maity
2022-DEC-14	74	DDT	P59	DDT	DDT	TANSPEC	Naval Kishor Bhadari
2022-DEC-15	65	DDT	P59	P12	DDT	TANSPEC	Naval Kishor Bhadari / Shivangi Pandey
2022-DEC-16	◐	DDT	P59	P59	P59	TANSPEC	Naval Kishor Bhadari
2022-DEC-17	46	DDT	P59	P75	P75	TANSPEC	Naval Kishor Bhadari / Rahul Arora
2022-DEC-18	36	ICT	ICT	ICT	ICT	IMAGER	DOT Team / S. B. Pandey
2022-DEC-19	27	ICT	ICT	ICT	ICT	IMAGER	DOT Team / S. B. Pandey
2022-DEC-20	18	P43	P43	P63	P67*	IMAGER	Amit Kumar / Rahul Gupta / Shashi Bhushan Pandey
2022-DEC-21	10	P3	P40	P40	P41	IMAGER	Brajesh Kumar / Harmeen Kaur / Devendra Sahu
2022-DEC-22	4	P34	P34	P63	P48*	IMAGER	Neelam Panwar / Rahul Gupta /Rahul Gupta
2022-DEC-23	●	P24	P24	P24	P24	IMAGER	Aayushi Verma
2022-DEC-24	3	P63	P74	P49*	P27	IMAGER	Rahul Gupta / Vineet ojha / Amit Kumar / Kuntal Misra
2022-DEC-25	8	P3	P61*	P18	P18	IMAGER	Brajesh Kumar / Naveen Dukiya / Suvendu Rakshit
2022-DEC-26	16	ICT	ICT	ICT	ICT	ADFOSC	DOT / Amitesh Omar/ ADFOSC Team
2022-DEC-27	26	ICT	ICT	ICT	ICT	ADFOSC	DOT / Amitesh Omar/ ADFOSC Team
2022-DEC-28	36	ICT	ICT	P71	P71	ADFOSC	DOT / Amitesh Omar/ ADFOSC Team
2022-DEC-29	47	P33	P25*	P71	P71	ADFOSC	Ayan Biswas / Ankur Ghosh / Prasanta Kumar Nayak
2022-DEC-30	◑	P3	P53*	DDT	P8	ADFOSC	Brajesh Kumar / Amar Aryan / Kuntal Misra

2022-DEC-31	68	P43	P43	P61*	P68*	ADFOSC	Amit Kumar / Naveen Dukiya / Dimple
2023-JAN-01	77	P49*	P39	P39	DDT	ADFOSC	Amit Kumar / Ananthamoorthy B
2023-JAN-02	85	DDT	P29	P29	P48*	ADFOSC	Varun / Rahul Gupta
2023-JAN-03	91	TMT	TMT	P16*		ADFOSC	Brajesh Kumar
2023-JAN-04	96	P3				ADFOSC	Brajesh Kumar
2023-JAN-05	99	DDT				ADFOSC	
2023-JAN-06	○					ADFOSC	
2023-JAN-07	100					ADFOSC	
2023-JAN-08	99	DDT				ADFOSC	
2023-JAN-09	97					ADFOSC	
2023-JAN-10	93	DDT			P18	ADFOSC	Suvendu Rakshit
2023-JAN-11	87	P3	P67*		P61*	ADFOSC	Brajesh Kumar / Shashi Bhushan Pandey / Naveen Dukiya
2023-JAN-12	81	P54	P53*	P23	DDT	ADFOSC	Neeraj Singh Rawat / Amar Aryan / Mayank Narang
2023-JAN-13	72	P7*	P23	P29	P29	ADFOSC	Kuntal Misra / Mayank Narang / Varun
2023-JAN-14	63	P12	P23	P23	P23	ADFOSC	Shivangi Pandey / Mayank Narang
2023-JAN-15	◐	P13	P13	P23	P44	ADFOSC	Jayanand Maurya / Mayank Narang /Sumana Nandi
2023-JAN-16	43	P25*	P46	P13	P13	ADFOSC	Ankur Ghosh / Payel Nandi / Jayanand Maurya
2023-JAN-17	33	P46	P11	P11	P11	ADFOSC	Payel Nandi / Anju Panthi
2023-JAN-18	23	P11	P7*	P46	P46	ADFOSC	Anju Panthi / Kuntal Misra / Payel Nandi
2023-JAN-19	14	P3	P9	P9	P9	ADFOSC	Brajesh Kumar / Jean Surdej
2023-JAN-20	7	P70	P70	P70	P53*	ADFOSC	Abhishek Paswan / Amar Aryan
2023-JAN-21	2	P70	P70	P70	P31*	ADFOSC	Abhishek Paswan / Dimple
2023-JAN-22	●	P9	P9	P9	P68*	ADFOSC	Jean Surdej / Dimple
2023-JAN-23	6	P3	P9	P9	P9	ADFOSC	Brajesh Kumar / Jean Surdej
2023-JAN-24	12	DDT	P41	P7*	P61*	ADFOSC	Devendra Sahu / Kuntal Misra / Naveen Dukiya
2023-JAN-25	21	P9	P9	P9	P25*	ADFOSC	Jean Surdej / Ankur Ghosh
2023-JAN-26	31	P12	P16*	P41	P41	ADFOSC	Shivangi Pandey / Brajesh Kumar / Devendra Sahu
2023-JAN-27	41	P3	DDT	P27	P27	ADFOSC	Brajesh Kumar / Kuntal Misra
2023-JAN-28	◑	P10	P10	P18	DDT	ADFOSC	Jayanand Maurya / Suvendu Rakshit
2023-JAN-29	61	P2*	DDT	P49*	P7*	ADFOSC	Saurabh / Amit Kumar / Kuntal Misra
2023-JAN-30	71	DDT	P53*	P48*	P8	ADFOSC	Amar Aryan / Rahul Gupta
2023-JAN-31	79	DDT	TMT	TMT	P43*	ADFOSC	Amit Kumar

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. 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). TIRCAM2 is mounted on side-port1 and hence it is available all the time during the cycle.
2. Available time on Telescope for cycle 2022-DOT-C2 is given in **Annexure – 1**. 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.
3. List of accepted proposals (Regular/ToO) is given in **Annexure – 2**. The ToO proposals account for 37 quarters of equivalent time and their tentative allocation in the schedule is marked with P* and the PIs of these proposals may trigger any other quarter as per the ToO occurrence and coordinates. These ToO proposals are P7 (10 hrs) / Kuntal Misra; P16 (5 hrs) / Brajesh Kumar; P25 (8 hrs) / Ankur Ghosh; P31 (5 hrs) / Dimple; P43 (5 hrs) / Amit Kumar; P48 (15 hrs) / Rahul Gupta; P49 (10 hrs) / Amit Kumar; P53 (10 hrs) / Amar Aryan; P61 (10 hrs) / Naveen Dukiya; P67 (8 hrs) / Shashi B Pandey; P68 (5 hrs) / Dimple
4. While executing the DTAC-approved proposals, the priority sequence would be TMT, ICT, IVT, P* (approved-ToO proposals), DDT (Compensation for A-grade, unexpected events, etc), TcO, and regular proposals. The Director's Discretionary Time (DDT) on the telescope is reserved in 34 quarter slots on several nights spread over the entire cycle and it will be utilised as per the DDT policy.
5. 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.
6. Proposal P2 (PI:Saurabh) is 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. P20 will require 30-minutes of time per epoch per source.
7. 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-C2 : Note on Telescope Time

Category	Number of Nights	Remarks
Total time	92	Hours / quarters in cycle : 987.0 / 368 Average hours per night for cycle = 987.0 / 92 = 10.7 hours NOV = 317.4 / 30 = 10.2 hours DEC = 337.4 / 31 = 10.9 hours JAN = 332.2 / 31 = 10.7 hours Dark (0 < moon < 25) : 8 + 8 + 8 = 24 nights Gray (25 <= moon < 75) : 10 + 12 + 10 = 32 nights Bright (75 <= moon < 100) : 12 + 11 + 13 = 36 nights
Observatory Time	6	Tentative break up is as follows : >> TMT (Telescope Maintenance Time) = .5 night x3 months (1.5 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) : 4.5 nights (mostly in bright period) TANSPEC to IMAGER : 2 nights (December) [1 day : unmount of tanspec; 1 day mount of IMAGER on telescope; 1 night for set-up tests] IMAGER to ADFOSC : 2.5 nights (December) [1 day : unmount of IMAGER; 2 days mount of ADFOSC on telescope; 1 night for set-up tests]
Science Time	86	Total time minus Observatory time
DDT	8.6	10% of Science Time : 34 quarter nights
Guaranteed Time	77.4	Science time minus DDT Indian : 46.4 nights; ARIES : 25.5 nights; Belgian : 5.5 nights

Annexure – 1 : DOT-2022-C2 : Note on Telescope Time

NOVEMBER - 2022				
Night	**Moon Phase (%)**	**Start hh:mm**	**End hh:mm**	**Total hh:mm**
01	◑	18:45	05:04	10:18
02	67	18:44	05:04	10:20
03	77	18:44	05:05	10:21
04	85	18:43	05:06	10:22
05	92	18:43	05:06	10:23
06	97	18:42	05:07	10:25
07	99	18:41	05:08	10:26
08	○	18:41	05:08	10:27
09	99	18:40	05:09	10:28
10	98	18:40	05:10	10:29
11	95	18:39	05:10	10:30
12	90	18:39	05:11	10:32
13	83	18:39	05:12	10:33
14	75	18:38	05:12	10:34
15	67	18:38	05:13	10:35
16	◐	18:38	05:14	10:36
17	48	18:37	05:15	10:37
18	39	18:37	05:15	10:38
19	29	18:37	05:16	10:39
20	20	18:37	05:17	10:40
21	12	18:36	05:17	10:40
22	6	18:36	05:18	10:41
23	2	18:36	05:19	10:42
24	●	18:36	05:19	10:43
25	5	18:36	05:20	10:44
26	11	18:36	05:21	10:45
27	20	18:36	05:21	10:45
28	30	18:36	05:22	10:46
29	41	18:36	05:23	10:47
30	◑	18:36	05:24	10:47
				317:25

Annexure – 1 : DOT-2022-C2 : Notes on Telescope Time

DECEMBER - 2022					JANUARY - 2023				
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	63	18:36	05:24	10:48	**01**	77	18:48	05:41	10:52
02	73	18:36	05:25	10:49	**02**	85	18:49	05:41	10:52
03	82	18:36	05:26	10:49	**03**	91	18:49	05:41	10:51
04	89	18:36	05:26	10:50	**04**	96	18:50	05:42	10:51
05	94	18:36	05:27	10:50	**05**	99	18:51	05:42	10:51
06	98	18:36	05:28	10:51	**06**	○	18:51	05:42	10:50
07	100	18:37	05:28	10:51	**07**	100	18:52	05:42	10:50
08	○	18:37	05:29	10:52	**08**	99	18:53	05:42	10:49
09	100	18:37	05:30	10:52	**09**	97	18:53	05:42	10:48
10	98	18:37	05:30	10:52	**10**	93	18:54	05:42	10:48
11	94	18:38	05:31	10:53	**11**	87	18:55	05:43	10:47
12	88	18:38	05:31	10:53	**12**	81	18:56	05:43	10:46
13	82	18:38	05:32	10:53	**13**	72	18:56	05:43	10:46
14	74	18:39	05:33	10:53	**14**	63	18:57	05:43	10:45
15	65	18:39	05:33	10:54	**15**	◐	18:58	05:43	10:44
16	◐	18:39	05:34	10:54	**16**	43	18:58	05:43	10:44
17	46	18:40	05:34	10:54	**17**	33	18:59	05:42	10:43
18	36	18:40	05:35	10:54	**18**	23	19:00	05:42	10:42
19	27	18:41	05:35	10:54	**19**	14	19:01	05:42	10:41
20	18	18:41	05:36	10:54	**20**	7	19:01	05:42	10:40
21	10	18:42	05:36	10:54	**21**	2	19:02	05:42	10:39
22	4	18:42	05:37	10:54	**22**	●	19:03	05:42	10:38
23	●	18:43	05:37	10:54	**23**	6	19:04	05:41	10:37
24	3	18:43	05:38	10:54	**24**	12	19:04	05:41	10:36
25	8	18:44	05:38	10:54	**25**	21	19:05	05:41	10:35
26	16	18:44	05:39	10:54	**26**	31	19:06	05:41	10:34
27	26	18:45	05:39	10:54	**27**	41	19:07	05:40	10:33
28	36	18:46	05:39	10:53	**28**	◑	19:07	05:40	10:32
29	47	18:46	05:40	10:53	**29**	61	19:08	05:40	10:31
30	◑	18:47	05:40	10:53	**30**	71	19:09	05:39	10:30
31	68	18:47	05:40	10:53	**31**	79	19:09	05:39	10:29
Total				**337:24**					**332:12**

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-C2-P1	Anandmayee Tej	indian	The Triton stellar occultation of 6 October 2022	Short Term	6 hours	2Q	Oct 5, 6
DOT-2022-C2-P2	Saurabh Saurabh	aries	Detailed physical investigation of evolved giants at milli-arcsecond resolution two-bands simultaneous Lunar Occultation observations	Short Term	3 hours	1Q	Dec 9, 11, Jan 29 (TcO – filler)
DOT-2022-C2-P3	Brajesh Kumar	aries	Unveiling the Progenitor of Type Ia Supernovae with the DOT-Subaru Synergistic Observation	Short Term	3.5 nights	8Q	Dec 21, 25, 30, Jan 4, 11, 19, 23, 27 (TcO)
DOT-2022-C2-P4	Vineet Rawat	indian	Unlocking stellar content and evolutionary status of cluster-forming clumps with deep near-infrared observations.	Thesis Project	2 nights	8Q	Nov 26, 27, 28, 29
DOT-2022-C2-P5	Vineet Rawat	indian	Near-infrared spectroscopic follow-up observations of young stellar objects.	Thesis Project	5 hours	2Q	Nov 20
DOT-2022-C2-P6	Kameswara Rao	indian	Search and study s-process element in Born-again Planetary Nebulae	Short Term	3 hours	1Q	Nov 4
DOT-2022-C2-P7	Kuntal Misra	aries	ToO mode spectroscopic observations of extremely young supernovae from the ZTF and ATLAS	Long Term (Ongoing)	10 hours	4Q	Jan 13, 18, 24, 29 (ToO)
DOT-2022-C2-P8	Kuntal Misra	aries	Deciphering the asymmetries of circumstellar medium associated with interacting supernovae	Thesis Project	5 hours	2Q	Dec 30, Jan 30
DOT-2022-C2-P9	Jean Surdej	belgian	Spectroscopic identification of new multiply imaged quasar candidates	Long Term (Ongoing)	3 nights	12Q	Jan 19, 22, 23, 25
DOT-2022-C2-P10	Jayanand Maurya	indian	Exploring the shape of the mass function towards sub-solar mass through young open clusters	Long Term (New)	5 hours	2Q	Jan 28
DOT-2022-C2-P11	Anju Panthi	indian	Low resolution spectroscopic study of blue straggler stars in open clusters NGC 2141, Berkeley 21, and NGC 2506 and near-infrared imaging of NGC 2141	Long Term (New)	1 night	4Q	Jan 17, 18
DOT-2022-C2-P12	Shivangi Pandey	aries	Geometric distances to the super massive black hole in AGNs: Reverberation mapping Monitoring	Thesis Project	15 hours	6Q	Nov 1, 16, 27 Dec 15, Jan 14, 26
DOT-2022-C2-P13	Jayanand Maurya	indian	A comprehensive analysis of the extended Main Sequence Turn Offs in the Galactic open clusters	Long Term (Ongoing)	1 night	4Q	Jan 15, 16
DOT-2022-C2-P15	Neelam Panwar	aries	The Barnard 5 Globule - confirming the nature of its low-mass members	Short Term	5 hours	2Q	Nov 1
DOT-2022-C2-P16	Brajesh Kumar	aries	Investigating the observational properties of fast-evolving luminous transients	Short Term	5 hours	2Q	Jan 3, 26 (ToO)
DOT-2022-C2-P18	SUVENDU RAKSHIT	aries	REMAP: An optical - infrared monitoring program at the DOT to constrain the torus size - luminosity relation in AGN	Long Term (New)	1 night	4Q	Dec 25, Jan 10, 28
DOT-2022-C2-P20	Tirthendu Sinha	aries	Understanding the accretion and outflows in low-mass young stellar objects	Short Term	1 night	4Q	Nov 13, 20, 25, Dec 1
DOT-2022-C2-P22	Bharti Arora	aries	Near infra-red monitoring of the long period colliding wind binary WR 125	Long Term (Ongoing)	3 hours	1Q	Nov 3
DOT-2022-C2-P23	Mayank Narang	indian	Devasthal Optical Protostellar Survey DOPS: Investigating mass accretion and ejection in protostars	Long Term (Ongoing)	1.5 nights	6Q	Jan 12, 13, 14, 15

DOT-2022-C2-P24	Aayushi Verma	aries	Deep Optical Observation of Star-forming Regions	Thesis Project	1 night	4Q	Dec 23
DOT-2022-C2-P25	Ankur Ghosh	indian	DOT follow-up observations of AstroSat CZTI detected GRBs	Thesis Project	8 hours	3Q	Dec 29, Jan 16, 25 (ToO)
DOT-2022-C2-P26	Bharat Kumar Yerra	indian	Survey of northern hydrogen deficient carbon star candidates using CO NIR spectra	Long Term (New)	2 nights	8Q	Nov 14, 15, 16
DOT-2022-C2-P27	Kuntal Misra	aries	Deep nebular phase study of supernovae	Thesis Project	8 hours	3Q	Dec 24, Jan 27
DOT-2022-C2-P28	Shashi Bhushan Pandey	indian	Wolf-Rayet Stars: Probing colliding winds and possible progenitors of GRBs/Supernovae	Long Term (Ongoing)	5 hours	2Q	Nov 17
DOT-2022-C2-P29	Varun	indian	Determing the orbital elements and emission components of PSR J1023+0038 with DOT observations	Short Term	10 hours	4Q	Jan 2, 13
DOT-2022-C2-P31	Dimple	aries	Probing short Gamma Ray Burst progenitors using optical/NIR counterparts	Thesis Project	5 hours	2Q	Nov 19, Jan 21 (ToO)
DOT-2022-C2-P33	Ayan Biswas	indian	Optical follow-up of the misaligned DDRG LEDA 884893: a binary AGN candidate	Short Term	3 hours	1Q	Dec 29
DOT-2022-C2-P34	neelam panwar	aries	The formation and evolution of low-mass stars in young star clusters	Short Term	5 hours	2Q	Dec 22
DOT-2022-C2-P35	Ashish Raj	indian	Raman lines as the tracer of post-merger systems	Long Term (New)	5 hours	2Q	Nov 16, 17
DOT-2022-C2-P37	Firoza Sutaria	indian	Search for binary companions/optical counterparts around Millisecond pulsars.	Short Term	5 hours	NIL	Inst. Constraint
DOT-2022-C2-P38	Rajib Kumbhakar	indian	Understanding of Physical Parameters and Magnetic Activity of Young Very Low Mass Stars and Brown Dwarfs	Thesis Project	3 hours	1Q	Dec 2
DOT-2022-C2-P39	Ananthamoorthy B	indian	Optical photometric and spectroscopic observations of the nearby active galaxies	Thesis Project	5 hours	2Q	Jan 1
DOT-2022-C2-P40	Harmeen Kaur	indian	Deep imaging and NIR spectroscopy of two young star clusters	Thesis Project	1 night	4Q	Nov 25, 26, Dec 21
DOT-2022-C2-P41	Devendra Sahu	indian	Late phase investigation of supernovae.	Long Term (Ongoing)	1 night	4Q	Dec 21, Jan 24, 26
DOT-2022-C2-P42	Koshvendra Singh	indian	Photometric and Spectroscopic monitoring of eruptive young stellar objects	Thesis Project	2 nights	8Q	Nov 2, 30, Dec 1
DOT-2022-C2-P43	Amit Kumar	aries	Afterglow and the host observations of GeV-TeV detected GRBs and associated transients	Thesis Project	15 hours	6Q	Dec 10, 20, 31, Jan 31 (2Q ToO)
DOT-2022-C2-P44	Sumana Nandi	indian	Spectroscopic study of the host of a XRG	Short Term	3 hours	1Q	Jan 15
DOT-2022-C2-P45	Diya Ram	indian	Magnetic Activity and Stellar Variability of M-dwarfs: Optical and NIR Spectroscopic Studies	Thesis Project	8 hours	3Q	Nov 18, 19
DOT-2022-C2-P46	Payel Nandi	indian	Narrowband Halpha imaging of Seyfert galaxies	Thesis Project	1 night	4Q	Jan 16, 17, 18
DOT-2022-C2-P47	Neelam Panwar	indian	Photometric and spectroscopic monitoring of three ULLYSES targets	Short Term	5 hours	2Q	Nov 26, 27

DOT-2022-C2-P48	RAHUL GUPTA	aries	3.6m DOT late-time follow-up observations of bright long GRBs discovered jointly by Swift and Fermi	Thesis Project	1.5 nights	6Q	Nov 1, 21, Dec 5, 22, Jan 2, 30 (ToO)
DOT-2022-C2-P49	Amit Kumar	aries	Photometric and spectroscopic study of superluminous supernovae	Long Term (New)	1 night	4Q	Nov 14, Dec 24, Jan 1, 29 (ToO)
DOT-2022-C2-P51	Himanshu Tyagi	indian	Probing Protostellar Evolution with TANSPEC	Thesis Project	1.5 nights	6Q	Nov 21, 22, 23, 24
DOT-2022-C2-P52	Prasanta Kumar Nayak	indian	Characterizing accretion processes in newly identified T-Tauri stars using the TANSPEC/DOT	Short Term	8 hours	3Q	Nov 23, 24
DOT-2022-C2-P53	Amar Aryan	aries	Photometric and Spectroscopic Observations of freshly detected Core-collapse Supernovae of Type Ib, Ic and TypeII	Thesis Project	1 night	4Q	Dec 30, Jan 12, 20, 30
DOT-2022-C2-P54	Neeraj Singh Rawat	indian	Spectroscopic study of late-decline and quiescent phases of novae.	Thesis Project	3 hours	1Q	Jan 12
DOT-2022-C2-P56	Shantanu Rastogi	indian	Spectroscopic and NIR Photometric study of Star forming regions and Late phase stars	Thesis Project	1 night	4Q	Nov 12, 13, 20, 21
DOT-2022-C2-P57	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	Nov 22, 23, 28, 30
DOT-2022-C2-P58	Neha Sharma	aries	Census of Young Stellar population towards hub-filament complex IC 5146	Long Term (New)	5 hours	NIL	Inst. Constraint
DOT-2022-C2-P59	Naval Kishor Bhadari	indian	Hunting the earliest phases of massive stars through NIR spectroscopic survey	Thesis Project	1.5 nights	6Q	Dec 14, 15, 16, 17
DOT-2022-C2-P61	Naveen Dukiya	aries	Populating the energy-time phase space of the mysterious gap transients and interacting supernovae	Thesis Project	1 night	4Q	Dec 25, 31, Jan 11, 24 (ToO)
DOT-2022-C2-P62	Arup Kumar Maity	indian	High resolution NIR spectroscopy of candidate massive YSOs at G188.992+0.837 and G195.714-0.109	Thesis Project	1 night	4Q	Dec 12, 13
DOT-2022-C2-P63	RAHUL GUPTA	aries	Photometric studies on the host galaxies of bright AstroSat GRBs using 3.6m DOT	Thesis Project	1 night	4Q	Nov 11, Dec 20, 22, 24
DOT-2022-C2-P64	Subhajit Kar	indian	Investigating small scale structures in the Wolf Rayet star winds	Thesis Project	3 hours	1Q	Nov 15
DOT-2022-C2-P66	Vibhore Negi	aries	Census on the impact of AGNs in the growth of Dwarf Galaxies	Long Term (Ongoing)	1 night	4Q	Nov 28, 29, 30
DOT-2022-C2-P67	Shashi Bhushan Pandey	aries	GRB-SNe connections and their photometric/spectroscopic observations with the 3.6m DOT	Long Term (New)	8 hours	3Q	Nov 25, Dec 20, Jan 11
DOT-2022-C2-P68	Dimple	aries	Revealing the true energetics of highly energetic LAT detected GRBs using 3.6m DOT	Thesis Project	5 hours	2Q	Dec 31, Jan 22
DOT-2022-C2-P69	ARAVIND K	indian	Infrared Spectroscopy/Imaging of cometary bodies in the Solar system	Short Term	5 hours	2Q	Nov 22
DOT-2022-C2-P70	Abhishek Paswan	indian	Spectroscopy of ultra-steep spectrum (USS) radio galaxies: spec- troscopic redshifts and emission line properties	Short Term	1.5 nights	6Q	Jan 20, 21
DOT-2022-C2-P71	Prasanta Kumar Nayak	indian	Identifying galaxy candidates in a pool of CHVCs using deep optical observations with ADFOSC/DOT	Short Term	1 night	4Q	Dec 28, 29
DOT-2022-C2-P72	Ritish Bhardwaj	indian	Probing connection between the emission and absorption outflows in IR-bright BAL quasars	Thesis Project	5 hours	2Q	Dec 2, 3

DOT-2022-C2-P73	Mizna Ashraf	indian	The inner disk heating of WISE-selected protostellar variables with TANSPEC	Thesis Project	1 night	4Q	Nov 18, 19
DOT-2022-C2-P74	Vineet ojha	indian	Host galaxy imaging of gamma-ray detected Narrow-line Seyfert 1 (gamma- NLSy1) galaxies	Short Term	3 hours	1Q	Dec 24
DOT-2022-C2-P75	Rahul Arora	indian	Atmospheric characterization of exoplanet XO-2b using TANSPEC	Short Term	15 hours	6Q	Nov 14, Dec 4, 17 (TcO)
DOT-2022-C2-P76	Varghese Reji	indian	Calibration of low resolution mode in TANSPEC	Short Term	1 night	4Q	Nov 7 (IVT)