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

OBSERVING SCHEDULE for cycle DOT-2021-C2

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

Date	Moon Phase (%)	Proposal ID / Program				Instrument	Proposer +/ Observer		
		Q1	Q2	Q3	Q4		REGULAR	Approved ToO	TRAINING
2021-OCT-01	34	TMT	TMT	TMT	TMT	IMAGER	DOT Team	Amit K	
2021-OCT-02	25	IVT	IVT	IVT	IVT	IMAGER	P54 : S. B. Pandey +	Amit K	
2021-OCT-03	16	P61	P61	P61	P61	IMAGER	Aayushi Verma	Amit K, Bhavya A.	
2021-OCT-04	9	P69	P22	P11	P11	IMAGER	Firoza S / KM+Bhavya A. / A. C. Gupta		
2021-OCT-05	4	P6	P66*	DDT*	P66*	IMAGER	Vineet Ojha / DKS + Brajesh K	Amar A.	
2021-OCT-06	●	ICT	ICT	ICT	ICT	TANSPEC	DOT Team		
2021-OCT-07	2	ICT	ICT	ICT	ICT	TANSPEC	DOT Team		
2021-OCT-08	7	ICT	ICT	ICT	ICT	TANSPEC	Saurabh / DOT Team		
2021-OCT-09	15	P59	IVT	IVT	IVT	TANSPEC	SM + Saurabh / P21 : Saurabh +		
2021-OCT-10	24	P12	P12	P36	P36	TIRCAM2	Y. C. Joshi		
2021-OCT-11	35	P59	IVT	IVT	IVT	TANSPEC	SM + Saurabh / P21 : Saurabh +		
2021-OCT-12	46	P59	IVT	IVT	DDT*	TANSPEC	SM + Saurabh / P21 : Saurabh +	Rahul G.	
2021-OCT-13	◐	P59	DDT	DDT	DDT*	TANSPEC	SM + Saurabh	Rahul G.	
2021-OCT-14	68	IVT	IVT	IVT	IVT	TIRCAM2	P2 : D. K. Ojha + Saurabh		
2021-OCT-15	77	IVT	IVT	IVT	IVT	TIRCAM2	P2 : D. K. Ojha + Saurabh		
2021-OCT-16	85	P60	P60	DDT	DDT	TANSPEC	Arpan Ghosh	Dimple	
2021-OCT-17	92	P31	P31	P20*		TANSPEC	NKB + Rakesh Pandey	Dimple	
2021-OCT-18	96	P38	P20*	P45	P20*	TANSPEC	Bharti Arora / Neelam Panwar	Dimple	
2021-OCT-19	99	DDT				TANSPEC			
2021-OCT-20	○					TANSPEC			
2021-OCT-21	99	DDT				TANSPEC			
2021-OCT-22	99					TANSPEC			
2021-OCT-23	96	P60	P60	P50*		TANSPEC	Arpan Ghosh	Amar A	
2021-OCT-24	91	P16	P16	DDT		TANSPEC	SG + Arpan Ghosh	Amar A.	
2021-OCT-25	85	P30	P30			TANSPEC	S. B. Pandey	Amar A.	
2021-OCT-26	78	P81	P81	DDT*		TANSPEC	Tirthendu Sinha	Rahul G	
2021-OCT-27	70	P81	P81	P53	P53	TANSPEC	Tirthendu Sinha / Avrajit B. + PS	Rahul G.	
2021-OCT-28	60	P75	P75	P75	P75	TANSPEC	VR + Brajesh Kumar		Amit Ror
2021-OCT-29	◑	P81	P81	TMT	TMT	TANSPEC	Tirthendu Sinha / DOT Team	Bhavya A.	
2021-OCT-30	41	P81	P81	P50*	DDT*	TANSPEC	Tirthendu Sinha		Mrinmoy S.
2021-OCT-31	31	P81	P81	DDT	DDT	TANSPEC	Tirthendu Sinha	Dimple	
2021-NOV-01	22	IVT	IVT	IVT	IVT	TANSPEC	P21 : Saurabh +		

2021-NOV-02	13	IVT	IVT	IVT	IVT	TANSPEC	P21 : Saurabh +		
2021-NOV-03	6	IVT	IVT	IVT	IVT	TANSPEC	P21 : Saurabh +		
2021-NOV-04	2	P63	P63	P60	P60	TANSPEC	RJ+ Vibhore Negi / Arpan Ghosh	Amar A.	
2021-NOV-05	●	P79	P79	DDT*	DDT	TIRCAM2	RB + Vibhore Negi	Amar A.	
2021-NOV-06	5	P8	P8	P56	P56	TANSPEC	Sindhu Pandey / Santosh J + Mrinmoy S.	Rahul G.	
2021-NOV-07	12	P55	P55	P44	P44	TANSPEC	Anohita Mallick / Shivangi P. + SR	Rahul G.	
2021-NOV-08	21	P47	P47	P56	DDT	TANSPEC	VR + Brajesh K / SJ + Mrinmoy S.		Naveen D.
2021-NOV-09	31	P14	P14	P14	P14	TANSPEC	SRA + Arpan Ghosh	Bhavya A.	
2021-NOV-10	42	P14	P14	P14	P14	TANSPEC	SRA + Arpan Ghosh		Mrinmoy S.
2021-NOV-11	◐	P47	P47	DDT*	DDT	TANSPEC	VR + Brajesh K		Aayushi V.
2021-NOV-12	63	P8	P20*	P60	P60	TANSPEC	Sindhu Pandey / Arpan Ghosh	Dimple	
2021-NOV-13	73	P14	P14	P14	P14	TANSPEC	SRA + Arpan Ghosh	Dimple	
2021-NOV-14	81	P50*	DDT*			TANSPEC			
2021-NOV-15	88	P38		P20*		TANSPEC	Bharti Arora		
2021-NOV-16	94			P20*	P20*	TANSPEC			
2021-NOV-17	98	DDT				TANSPEC			
2021-NOV-18	99					TANSPEC			
2021-NOV-19	○	DDT				TANSPEC			
2021-NOV-20	99					TANSPEC			
2021-NOV-21	98					TANSPEC			
2021-NOV-22	95	P50*			P34	TANSPEC	V. + Kuntal M.		
2021-NOV-23	90	DDT	TMT	TMT	P34	TANSPEC	DOT Team / V. + Kuntal M.		
2021-NOV-24	84	P49	P49	P49	P49	TANSPEC	MN + Saurabh	Dimple	Devanand
2021-NOV-25	76	P49	P49	P49	P49	TANSPEC	MN + Saurabh	DImple	
2021-NOV-26	67	DDT*	P57	P49	P49	TANSPEC	AB + Brajesh K / MN + Saurabh	Rahul G	
2021-NOV-27	◑	DDT	P57	P10	P10	TANSPEC	AB + Brajesh K. / JCP + Nikita Rawat	Rahul G.	
2021-NOV-28	48	P39	P39	P39	DDT	TANSPEC	Neelam Panwar	Bhavya A.	
2021-NOV-29	37	P42	P42	P31	P31	TANSPEC	PKN + Avrajit B. / NKB + Rakesh Pandey	Bhavya A.	
2021-NOV-30	27	DDT	P42	P31	P31	TANSPEC	PKN + Avrajit B. / NKB + Rakesh Pandey	Dimple	
2021-DEC-01	18	P51	P51	P51	P51	TANSPEC	Sapna Mishra	Dimple	
2021-DEC-02	10	P47	P47	P47	P47	TANSPEC	VR + Brajesh Kumar	Ankur G.	Shubham K.
2021-DEC-03	4	DDT		P63	P63	TANSPEC	RJ+ Vibhore Negi	Ankur G.	Devanand
2021-DEC-04	●	DDT*	DDT	P63	P63	TANSPEC	RJ+ Vibhore Negi	Rahul G.	
2021-DEC-05	3	P79	P36	P36*	P79	TIRCAM2	Yogesh Joshi / RB + Vibhore Negi	Dimple	
2021-DEC-06	9	P47	P47	P47	P47	TANSPEC	VR + Brajesh Kumar	Bhavya	Amit Ror
2021-DEC-07	17	ICT	ICT	ICT	ICT	IMAGER	DOT Team		
2021-DEC-08	26	ICT	ICT	ICT	ICT	IMAGER	DOT Team		
2021-DEC-09	36	ICT	ICT	ICT	ICT	IMAGER	S.B. Pandey + / DOT Team		
2021-DEC-10	47	IVT	IVT	IVT	IVT	IMAGER	P54 : S. B. Pandey +		
2021-DEC 11	◐	IVT	IVT	IVT	IVT	IMAGER	P54 : S. B. Pandey +		
2021-DEC-12	67	P22	P4	DDT*	DDT	IMAGER	KM + Bhavya A. / Brajesh K.		Shivangi P.

2021-DEC-13	76	P67	P67	P67	P67	IMAGER	PL + Mrinmoy S.		
2021-DEC-14	84	P67	P67	P67	P67	IMAGER	PL + Mrinmoy S.		
2021-DEC-15	90	P67	P67	P67	P67	IMAGER	PL + Mrinmoy S.		
2021-DEC-16	95	P50*	P4	DDT*	DDT	IMAGER	Brajesh K.		Amit Kumar
2021-DEC-17	98	ICT	ICT	ICT	ICT	ADFOSC	DOT Team		
2021-DEC-18	99	ICT	ICT	ICT	ICT	ADFOSC	DOT Team		
2021-DEC-19	○	ICT	ICT	ICT	ICT	ADFOSC	Amitesh O. + DOT Team		
2021-DEC-20	99		IVT	IVT		ADFOSC	P32 : Amitesh Omar +		
2021-DEC-21	98		IVT	IVT		ADFOSC	P32 : Amitesh Omar +		
2021-DEC-22	94	DDT*	P4	DDT*	DDT	ADFOSC	Brajesh K.		Naveen D.
2021-DEC-23	89	P50*			DDT*	ADFOSC			
2021-DEC-24	82	DDT				ADFOSC			
2021-DEC-25	73	DDT*	P4		DDT	ADFOSC	Brajesh K.	Bhavya A.	
2021-DEC-26	64	P48	P48	P48	P48	ADFOSC	Jayanand Maurya	Bhavya A.	
2021-DEC-27	◑	DDT*	P40	DDT	DDT*	ADFOSC	PKN + Avrajit B.	Shivangi P	
2021-DEC-28	43	P60	P60	P27	P6	ADFOSC	Arpan Ghosh / PJ+Vibhore N / Vineet O.	Shivangi P.	
2021-DEC-29	32	DDT	P4	P6	P6	ADFOSC	Brajesh K. / Vineet O.		
2021-DEC-30	22	P66	DDT*	P34	P34	ADFOSC	DKS + Brajesh K. / V + Kuntal Misra		Naveen D
2021-DEC-31	13	P41	P41	P34	P34	ADFOSC	KM + Bhavya A. / V + Kuntal Misra		Naveen D.
2022-JAN-01	6	P9	P9	DDT	DDT*	ADFOSC	Sindhu Pandey		
2022-JAN-02	2	IVT	IVT	IVT	IVT	ADFOSC	P32 : Amitesh Omar +		
2022-JAN-03	●	IVT	IVT	IVT	IVT	ADFOSC	P32 : Amitesh Omar +		
2022-JAN-04	6	P12	P4	P27	P17	ADFOSC	YCJ / Brajesh K. / PJ+Vibhore N / Amit K		
2022-JAN-05	13	P12	DDT*	P22	P24	ADFOSC	Y.C. Joshi / KM + Bhavya A. / Amit Kumar		Amit Ror
2022-JAN-06	21	P25	P25	P25	P25	ADFOSC	Avrajit B.	Amar A.	
2022-JAN-07	30	P3	P3	DDT*	DDT	ADFOSC	Vaidehi Paliya	Amar A.	
2022-JAN-08	40	P50*	P4	P3	P3	ADFOSC	Brajesh K. / Vaidehi Paliya		
2022-JAN-09	◐	P60	P60	DDT*		ADFOSC	Arpan Ghosh	Bhavya A.	
2022-JAN-10	60	P20*	IVT	P22		ADFOSC	P32 : Amitesh Omar + / KM + Bhavya A.	Bhavya A.	
2022-JAN-11	69	DDT	P40			ADFOSC	PKN + Avrajit B.	Rahul G	
2022-JAN-12	77	IVT	P4			ADFOSC	P32 : Amitesh Omar + / Brajesh K.	Rahul G.	
2022-JAN-13	85	DDT*	P20*			ADFOSC			
2022-JAN-14	91	P20*	DDT			ADFOSC			
2022-JAN-15	95	P50*	P4	TMT	TMT	ADFOSC	Brajesh K. / DOT Team		
2022-JAN-16	99					ADFOSC			
2022-JAN-17	99	DDT				ADFOSC			
2022-JAN-18	○					ADFOSC			
2022-JAN-19	99					ADFOSC			
2022-JAN-20	97	P65	P65	P65	P50*	TIRCAM2	PC + Alexander Panchal		
2022-JAN-21	92	P65	P65	P65	DDT	TIRCAM2	PC + Alexander Panchal		
2022-JAN-22	86	P65	P65	P65		TIRCAM2	PC + Alexander Panchal		
2022-JAN-23	78	DDT*		P4	DDT*	ADFOSC	Brajesh K.	Amar A.	

2022-JAN-24	69	DDT				ADFOSC		Rahul G.	
2022-JAN-25	◑	DDT*	P36*	P36	P36	TIRCAM2	Y. C. Joshi	Rahul G.	
2022-JAN-26	48	DDT*	P40	P22		ADFOSC	PKN + Avrajit B. / KM + Bhavya A.		
2022-JAN-27	37		DDT	P4	P50*	ADFOSC	Brajesh K		Amit Ror
2022-JAN-28	26			IVT	IVT	ADFOSC	P32 : Amitesh Omar +	Shivangi P.	
2022-JAN-29	16	DDT*		P10		TIRCAM2	JCP + Nikita R.	Shivangi P.	
2022-JAN-30	9		P66	P4		ADFOSC	DKS + Brajesh K. / Brajesh K.		Aayushi V.
2022-JAN-31	3	DDT		P41	P41	ADFOSC	KM + Bhavya A.		

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 Uttarakhnad. 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 2021-DOT-C2 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 36 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. The accepted ToO proposals account for 28 quarters of equivalent time (allocation marked with DDT*) and these are P23 (8 hrs) / Ankur Ghosh; P28 (8 hrs) / Kuntal Misra; P37 (8 hrs) / Suvendu Rakshit; P43 (8 hrs) / Dimple; P46 (6 hrs) / Amar Aryan; P62 (10 hrs) / Kuntal Misra; P70 (5 hrs) / Brajesh Kumar; P71 (15 hrs) / Rahul Gupta; P77 (5 hrs) / Dimple.
9. Proposals P20 (PI:Saurabh) and P50 (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. P20 will require 30-minutes of time per epoch per source and P50 will require 1Q of time at two epochs separated by 7 days.

10. P66 on October 4 will use 30-minutes of observing time. One hour in Q3 will be unutilised by P36 on December 5. Start time for P36 on 25th Jan in Q2 will be 11PM.
11. 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-2021-C2 : Note on Telescope Time

Category	Number of Nights	Remarks
Total time	123	Hours / quarters in cycle : 1294.5 / 492 Average hours per night for cycle = 1294.3 / 123 = 10.5 hours OCT = 303.3 / 31 = 9.8 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 + 9 + 9 = 34 nights Gray (25 <= moon < 75) : 10 + 10 + 11 + 10 = 41 nights Bright (75 <= moon < 100) : 12 + 12 + 12 + 12 = 48 nights
Observatory Time	27	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) : 10 nights (mostly in bright period) IMAGER to TANSPEC : 4 nights (October) [1 day : unmount of imager; 2 days mount of TANSPEC on telescope; 1 night for set-up tests] == TANSPEC to IMAGER : 3 nights (December) [2 day : unmount of TANSPEC; 1 day mount of IMAGER on telescope; 1 night for set-up tests] == IMAGER to ADFOSC : 3 nights (December) [1 day : unmount of imager; 2 days mount of ADFOSC on telescope; 1 night for set-up tests] >> IVT (Instrument Verification Time) : 15 nights TIRCAM2 (P2 – 2 consecutive gray nights; early cycle); TANSPEC (P21 – 5 nights - 2 gray/bright, 3 dark nights in two slots); IMAGER (P54 – 3 gray nights in Oct and Dec) and ADFOSC (P32 - 5 nights - 2.5 dark for calibrations, 2.5 gray/bright for science validation).
Science Time	96	Total time minus Observatory time
DDT	9.6	10% of Science Time : 38 quarter nights
Guaranteed Time	86.4	Science time minus DDT Indian : 51.8 nights; ARIES : 28.6 nights; Belgian : 6.0 nights

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

OCTOBER-2021					NOVEMBER-2021				
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	34	19:15	04:45	09:30	**01**	22	18:45	05:04	10:18
02	25	19:14	04:46	09:31	**02**	13	18:44	05:04	10:20
03	16	19:13	04:47	09:33	**03**	6	18:44	05:05	10:21
04	9	19:12	04:47	09:35	**04**	2	18:43	05:06	10:22
05	4	19:11	04:48	09:37	**05**	●	18:43	05:06	10:23
06	●	19:09	04:48	09:38	**06**	5	18:42	05:07	10:25
07	2	19:08	04:49	09:40	**07**	12	18:41	05:08	10:26
08	7	19:07	04:49	09:42	**08**	21	18:41	05:08	10:27
09	15	19:06	04:50	09:43	**09**	31	18:40	05:09	10:28
10	24	19:05	04:51	09:45	**10**	42	18:40	05:10	10:29
11	35	19:04	04:51	09:47	**11**	◐	18:39	05:10	10:30
12	46	19:03	04:52	09:48	**12**	63	18:39	05:11	10:32
13	◐	19:02	04:52	09:50	**13**	73	18:39	05:12	10:33
14	68	19:01	04:53	09:52	**14**	81	18:38	05:12	10:34
15	77	19:00	04:53	09:53	**15**	88	18:38	05:13	10:35
16	85	18:59	04:54	09:55	**16**	94	18:38	05:14	10:36
17	92	18:58	04:55	09:56	**17**	98	18:37	05:15	10:37
18	96	18:57	04:55	09:58	**18**	99	18:37	05:15	10:38
19	99	18:56	04:56	10:00	**19**	○	18:37	05:16	10:39
20	○	18:55	04:56	10:01	**20**	99	18:37	05:17	10:40
21	99	18:54	04:57	10:03	**21**	98	18:36	05:17	10:40
22	99	18:53	04:58	10:04	**22**	95	18:36	05:18	10:41
23	96	18:52	04:58	10:06	**23**	90	18:36	05:19	10:42
24	91	18:51	04:59	10:07	**24**	84	18:36	05:19	10:43
25	85	18:50	04:59	10:09	**25**	76	18:36	05:20	10:44
26	78	18:50	05:00	10:10	**26**	67	18:36	05:21	10:45
27	70	18:49	05:01	10:11	**27**	◑	18:36	05:21	10:45
28	60	18:48	05:01	10:13	**28**	48	18:36	05:22	10:46
29	◑	18:47	05:02	10:14	**29**	37	18:36	05:23	10:47
30	41	18:47	05:03	10:16	**30**	27	18:36	05:24	10:47
31	31	18:46	05:03	10:17					
Total				**307:19**					**317:25**

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

DECEMBER - 2021					JANUARY - 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	18	18:36	05:24	10:48	**01**	6	18:48	05:41	10:52
02	10	18:36	05:25	10:49	**02**	2	18:49	05:41	10:52
03	4	18:36	05:26	10:49	**03**	●	18:49	05:41	10:51
04	●	18:36	05:26	10:50	**04**	6	18:50	05:42	10:51
05	3	18:36	05:27	10:50	**05**	13	18:51	05:42	10:51
06	9	18:36	05:28	10:51	**06**	21	18:51	05:42	10:50
07	17	18:37	05:28	10:51	**07**	30	18:52	05:42	10:50
08	26	18:37	05:29	10:52	**08**	40	18:53	05:42	10:49
09	36	18:37	05:30	10:52	**09**	◐	18:53	05:42	10:48
10	47	18:37	05:30	10:52	**10**	60	18:54	05:42	10:48
11	◐	18:38	05:31	10:53	**11**	69	18:55	05:43	10:47
12	67	18:38	05:31	10:53	**12**	77	18:56	05:43	10:46
13	76	18:38	05:32	10:53	**13**	85	18:56	05:43	10:46
14	84	18:39	05:33	10:53	**14**	91	18:57	05:43	10:45
15	90	18:39	05:33	10:54	**15**	95	18:58	05:43	10:44
16	95	18:39	05:34	10:54	**16**	99	18:58	05:43	10:44
17	98	18:40	05:34	10:54	**17**	99	18:59	05:42	10:43
18	99	18:40	05:35	10:54	**18**	○	19:00	05:42	10:42
19	○	18:41	05:35	10:54	**19**	99	19:01	05:42	10:41
20	99	18:41	05:36	10:54	**20**	97	19:01	05:42	10:40
21	98	18:42	05:36	10:54	**21**	92	19:02	05:42	10:39
22	94	18:42	05:37	10:54	**22**	86	19:03	05:42	10:38
23	89	18:43	05:37	10:54	**23**	78	19:04	05:41	10:37
24	82	18:43	05:38	10:54	**24**	69	19:04	05:41	10:36
25	73	18:44	05:38	10:54	**25**	◑	19:05	05:41	10:35
26	64	18:44	05:39	10:54	**26**	48	19:06	05:41	10:34
27	◑	18:45	05:39	10:54	**27**	37	19:07	05:40	10:33
28	43	18:46	05:39	10:53	**28**	26	19:07	05:40	10:32
29	32	18:46	05:40	10:53	**29**	16	19:08	05:40	10:31
30	22	18:47	05:40	10:53	**30**	9	19:09	05:39	10:30
31	13	18:47	05:40	10:53	**31**	3	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-2021-C2-P3	Vaidehi Paliya	aries	Optical Spectroscopic Characterization of Gamma-ray Blazars of Uncertain Type	Short Term	10 hours	4Q	7-8 Jan
DOT-2021-C2-P4	Brajesh Kumar	aries	Unveiling the Progenitor of Type Ia Supernovae with the DOT-Subaru Synergistic Observation	Short Term	30 hours	12Q	12,16,22,25, 29 Dec; 4,8,12,15,23, 27,30 Jan
DOT-2021-C2-P6	Vineet ojha	aries	Host galaxy imaging of gamma-ray detected Narrow-line Seyfert 1 (gamma- NLSy1) galaxies.	Long Term (Ongoing)	10 hours	4Q	5-Oct, 28-29 Dec
DOT-2021-C2-P8	Sindhu Pandey	aries	PROBING FORMATION SCENARIOS OF BLUE STRAGGLERS: OBSERVATIONAL TEST WITH INFRARED SPECTROSCOPY FOR PRESENCE OF COMPANION STARS	Short Term	8 hours	3Q	6, 12-Nov
DOT-2021-C2-P9	Sindhu Pandey	aries	LOW RESOLUTION SPECTROSCOPIC STUDY OF BLUE STRAGGLERS IN FOUR OPEN CLUSTERS: NGC 6940, NGC 7142, Collinder 74, NGC 1193	Long Term (Ongoing)	5 hours	2Q	1-Jan
DOT-2021-C2-P10	Jeewan Pandey	indian	Prominences and protoplanetesimals formation in white dwarf-main sequence binary	Short Term	7 hours	3Q	27-Nov, 29-Jan
DOT-2021-C2-P11	Alok C. Gupta	aries	Follow-up of short-lived transients from the VASCO project	Long Term (Ongoing)	5 hours	2Q	4-Oct
DOT-2021-C2-P12	Yogesh Joshi	aries	Probing the nature of 6 candidate Luminous Blue Variables (cLBVs) in M31 and M33	Long Term (New)	10 hours	4Q	10-Oct, 4,5 Jan
DOT-2021-C2-P14	Susmitha Rani Antony	indian	NIR spectroscopic studies of carbon stars in the Sagittarius stream	Short Term	3 nights	12Q	9,10,30 Nov
DOT-2021-C2-P16	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)	5 hours	2Q	24-Oct
DOT-2021-C2-P17	Amit Kumar	aries	Photometric and spectroscopic study of slow-evolving superluminous supernovae	Thesis Project	3 hours	1Q	4-Jan
DOT-2021-C2-P20	Saurabh Saurabh	aries	Milliarcsecond resolution of late-type stars by lunar occultations	Long Term (Ongoing)	30 hours	2Q	17,18 Oct, 12 Nov, 15,16,13,10, 14 Jan
DOT-2021-C2-P22	Kuntal Misra	aries	Deep nebular phase study of supernovae	Thesis Project	13 hours	5Q	4 Oct, 12 Dec, 5,10,26 Jan
DOT-2021-C2-P23	ankur ghosh	aries	DOT follow-up observations of AstroSat CZTI detected GRBs	Thesis Project	8 hours	3Q	ToO
DOT-2021-C2-P24	Amit Kumar	aries	LGRB-SNe connections and photometric observations of their host with the 3.6m DOT	Thesis Project	3 hours	1Q	5-Jan
DOT-2021-C2-P25	Avrajit Bandyopadhyay	aries	Search for stars of globular cluster origin in the outskirts using DOT and Gaia	Long Term (New)	10 hours	4Q	6-Jan
DOT-2021-C2-P27	Priyanka Jalan	aries	Variability study of the confirmed Gaia-GraL gravitationally lensed quasars	Long Term (New)	5 hours	2Q	4-Jan, 28-Dec
DOT-2021-C2-P28	Kuntal Misra	aries	ToO mode spectroscopic observations of extremely young supernovae from the ZTF and ATLAS	Long Term (New)	8 hours	3Q	ToO
DOT-2021-C2-P30	Shashi Bhushan Pandey	indian	Wolf-Rayet Stars: Probing colliding winds and possible progenitors of GRBs/Supernovae	Long Term (New)	5 hours	2Q	25-Oct
DOT-2021-C2-P31	Naval Kishor Bhadari	indian	Hunting the earliest phases of massive stars through NIR spectroscopic survey	Thesis Project	15 hours	6Q	17-Oct. 29,30 Nov
DOT-2021-C2-P34	Varun	aries	Determing the orbital elements and emission components of PSR J1023+0038 with DOT observations	Short Term	15 hours	6Q	22,23 Nov, 30,31 Dec
DOT-2021-C2-P36	Yogesh Joshi	aries	Atmospheric study of a hot-Jupiters WASP-11b and WASP-143b	Long Term (Ongoing)	15 hours	6Q	10-Oct, 5-Dec, 25-Jan
DOT-2021-C2-P37	SUVENDU RAKSHIT	aries	Tracking the spectral evolution of TDE	Short Term	8 hours	3Q	ToO
DOT-2021-C2-P38	Bharti Arora	aries	Covering the periastron passage of WR 125 using NIR spectroscopic and photometric observations	Long Term (Ongoing)	6 hours	2Q	8 Oct, 15 Nov
DOT-2021-C2-P39	neelam panwar	aries	Near-infrared observations of the elephant trunk-like structures in the IC 1848E and IC 1396 Hii regions	Short Term	8 hours	3Q	28-Nov
DOT-2021-C2-P40	Prasanta Kumar Nayak	indian	Investigating accretion variability in T-Tauri stars using the ADFOSC/DOT	Long Term (New)	8 hours	3Q	27-Dec, 11,26 Jan
DOT-2021-C2-P41	Kuntal Misra	aries	Deciphering the asymmetries of circumstellar medium associated with interacting supernovae	Thesis Project	10 hours	4Q	31 Dec, 31 Jan
DOT-2021-C2-P42	Prasanta Kumar Nayak	indian	Characterizing accretion processes in newly identified T-Tauri stars using the TANSPEC/DOT	Short Term	8 hours	3Q	29, 30 Nov
DOT-2021-C2-P43	Dimple	aries	Probing short Gamma Ray Burst progenitors through optical/NIR counterparts	Thesis Project	8 hours	3Q	ToO
DOT-2021-C2-P44	Shivangi Pandey	aries	Reclassifying gamma-ray detected narrow-line Seyfert 1 galaxy.	Long Term (New)	5 hours	2Q	7-Nov

DOT-2021-C2-P45	neelam panwar	indian	Simultaneous photometric and spectroscopic monitoring of a ULLYSES Classical T-Tauri star GM Aur	Short Term	3 hours	1Q	18-Oct
DOT-2021-C2-P46	Amar Aryan	aries	Photometric and Spectroscopic Observations of Newly Discovered Supernovae	Long Term (New)	6 hours	2Q	ToO
DOT-2021-C2-P47	Vineet Rawat	indian	Unlocking stellar content and evolutionary status of cluster-forming clumps with deep near-infrared observations.	Thesis Project	30 hours	12Q	7,8 Nov, 2,6 Dec
DOT-2021-C2-P48	Jayanand Maurya	aries	Origin of extended Main Sequence Turn-Off: Possibility of multiple population in the Galactic open clusters	Long Term (Ongoing)	1 night	4Q	26-dec
DOT-2021-C2-P49	Mayank Narang	indian	TANSPEC Optical/NIR Protostellar Spectroscopic Survey (TOPSS): Investigating mass accretion/ejection and growth of protostars	Thesis Project	25 hours	10Q	24,25,26 Nov,
DOT-2021-C2-P50	Brijesh Kumar	aries	A new era in supernova cosmology : The near infrared Hubble diagram	Long Term (New)	24 hours	10Q	23, 30 Oct, 14,22 Nov, 16,23 Dec, 8,15,20,27 Jan
DOT-2021-C2-P51	Sapna Mishra	indian	Near-infrared high resolution spectroscopy of post-starburst galaxies	Short Term	10 hours	4Q	1-Dec
DOT-2021-C2-P53	Pallavi Saraf	indian	TANSPEC spectroscopy of stars that are members of globular cluster escapees	Thesis Project	5 hours	2Q	27-Oct
DOT-2021-C2-P55	Anohita Mallick	indian	Spectroscopic study of low mass red giants of pre- and post He-flash phase	Thesis Project	5 hours	2Q	7 Nov
DOT-2021-C2-P56	Santosh Joshi	aries	A Near-infrared Spectroscopic Survey of Protostars at different evolutionary phases	Long Term (New)	8 hours	3Q	6,8 Nov
DOT-2021-C2-P57	Anirban Bhowmick	indian	Exploring the status of ^{16}O/^{18}O and ^{12}C/^{13}C ratios in newly identified RCBs and DY Per candidates.	Short Term	5 hours	2Q	26,27 Nov
DOT-2021-C2-P59	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	11 hours	4Q	9,11,12,13 Oct
DOT-2021-C2-P60	Arpan Ghosh	aries	Photometric and Spectroscopic monitoring of eruptive young stellar objects.	Thesis Project	3 nights	12Q	16,23 Oct, 4,12 Nov, 28 Dec, 9 Jan
DOT-2021-C2-P61	Aayushi Verma	aries	Deep Optical Observation of four young star cluster	Thesis Project	10 hours	4Q	3-Oct
DOT-2021-C2-P62	Kuntal Misra	aries	Populating the energy-time phase space of the mysterious gap transients and interacting supernovae	Thesis Project	10 hours	4Q	ToO
DOT-2021-C2-P63	Ravi Joshi	indian	Unraveling the hot molecular and ionized gas in the inner kilo-parsecs of nearby Active galaxies	Long Term (New)	16 hours	6Q	4-Nov, 3,4 Dec
DOT-2021-C2-P65	Peter De Cat	belgian	Characterisation of planetary and eclipsing binary candidates: chasing secondary transits/eclipses with TIRCAM2 (Part III)	Long Term (Ongoing)	24 hours	9Q	20,21,22 Jan
DOT-2021-C2-P66	Devendra Sahu	indian	Late phase investigation of supernovae.	Long Term (Ongoing)	7 hours	2.5Q	5 Oct, 30 Dec, 30 Jan
DOT-2021-C2-P67	Patricia Lampens	belgian	Pulsation modelling of the oscillating Algol-type star V551 Aur in the field of the open cluster NGC 2126	Short Term	3 nights	12Q	13, 14, 15 Dec
DOT-2021-C2-P69	Firoza Sutaria	indian	Search for binary companions/optical counterparts around Millisecond pulsars	Short Term	3 hours	1Q	4-Oct
DOT-2021-C2-P70	Brajesh Kumar	aries	Investigating the observational properties of fast-evolving luminous transients	Short Term	5 hours	2Q	ToO
DOT-2021-C2-P71	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-2021-C2-P75	Vineet Rawat	indian	Near-infrared spectroscopic follow-up observations of young stellar objects.	Thesis Project	10 hours	4Q	28 Oct
DOT-2021-C2-P77	Dimple	aries	Revealing the true energetics of highly energetic LAT detected GRBs using 3.6m DOT.	Thesis Project	5 hours	2Q	ToO
DOT-2021-C2-P79	Ritish Bhardwaj	indian	Does radio-quiet weak emission line QSOs belongs to early phase of AGN population	Thesis Project	10 hours	4Q	5-Nov, 5-Dec
DOT-2021-C2-P81	Tirthendu Sinha	aries	Spectroscopic studies of pre-main sequence variable stars	Thesis Project	25 hours	10Q	26,27,29, 30,31 Oct