n3.6m DEVASTHAL OPTICAL TELESCOPE
Aryabhatta 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
2022-FEB-01	●	P40	P40	DDT	DDT	IMAGER	Ayushi Verma		
2022-FEB-02	3	P62	P62	DDT	DDT	IMAGER	Harmeen Kaur		
2022-FEB-03	8	P34	P9	P60	DDT	IMAGER	Devendra S / Firoza S / Amit K	Amit Kumar	
2022-FEB-04	15	IVT / TMT	IVT / TMT	IVT / TMT	IVT / TMT	IMAGER	IMAGER + DOT Team	Amit Kumar	
2022-FEB-05	24	IVT / TMT	IVT / TMT	IVT / TMT	IVT / TMT	IMAGER	IMAGER + DOT Team		
2022-FEB-06	33	IVT / TMT	IVT / TMT	IVT / TMT	IVT / TMT	IMAGER	IMAGER + DOT Team		
2022-FEB-07	42	ICT	ICT	ICT	IVT	ADFOSC	ADFOSC + DOT Team		
2022-FEB-08	◐	P43	P43	IVT	IVT	ADFOSC	Sindhu Pandey / ADFOSC team		
2022-FEB-09	61	P22	P22	DDT*	P15*	ADFOSC	Mayank Narang		
2022-FEB-10	70	P22	P22	P48	P48	ADFOSC	Mayank Narang / Kuntal Misra	Bhavya A.	
2022-FEB-11	78	P22	P22	IVT	IVT	ADFOSC	Mayank Narang / ADFOSC Team	Bhavya A.	
2022-FEB-12	86	DDT*	IVT	IVT	IVT	ADFOSC	ADFOSC Team		
2022-FEB-13	92	P21	P21	IVT	IVT	TIRCAM2	Yogesh Joshi / ADFOSC Team		
2022-FEB-14	96	DDT				ADFOSC			
2022-FEB-15	99		P6*		P15*	ADFOSC			
2022-FEB-16	○	DDT				ADFOSC			
2022-FEB-17	99					ADFOSC			
2022-FEB-18	99	DDT				ADFOSC			
2022-FEB-19	95	DDT	P6*			ADFOSC			
2022-FEB-20	90	DDT*				ADFOSC			
2022-FEB-21	83	P28	P28	P28	P28	TIRCAM2	Aratrika Dey		

2022-FEB-22	73	P48	P26	P26	P15*	ADFOSC	Kuntal Misra		
2022-FEB-23	◑	P47	P47	P51	P51	ADFOSC	Arpan Ghosh / Payel Nandi	Shivangi Pandey	
2022-FEB-24	52	DDT*	P37	P51	P51	ADFOSC	Payal Nandi	Shivangi Pandey	
2022-FEB-25	41	P11	P11	P11	DDT	TIRCAM2	Peter De Cat / Payel Nandi		
2022-FEB-26	30	DDT*	P37	P37	P37	ADFOSC	Payel Nandi	Bhavya A.	
2022-FEB-27	20	P55	P55	P55	P55	ADFOSC	Abhishek Paswan	Bhavya A.	
2022-FEB-28	11	P11	P11	P11	DDT	TIRCAM2	Peter De Cat		
2022-MAR-01	5	DDT*	DDT	P21	P21	TIRCAM2	Yogesh Joshi		
2022-MAR-02	●	P8	P8	P8	P12	ADFOSC	Jean Surdej / Peter van Hoof	Rahul Gupta	
2022-MAR-03	1	P8	P8	P8	P12	ADFOSC	Jean Surdej / Peter van Hoof	Rahul Gupta	
2022-MAR-04	5	P8	P8	P8	P12	ADFOSC	Jean Surdej / Peter van Hoof	Rahul Gupta	
2022-MAR-05	10	DDT*	DDT	P8	P12	ADFOSC	Jean Surdej / Peter van Hoof	Shivangi Pandey	
2022-MAR-06	17	DDT*	P60	DDT	P12	ADFOSC	Devendra Sahu / Peter van Hoof	Shivangi Pandey	
2022-MAR-07	26	P64	P64	P64	P64	ADFOSC	Vineet Ojha		
2022-MAR-08	34	DDT*	DDT	TMT	P36	ADFOSC	Avrajit Bandopadhyay	Shivangi Pandey	
2022-MAR-09	44	DDT*	P36	P36	P36	ADFOSC	Avrajit Bandopadhyay	Shivangi Pandey	
2022-MAR-10	◐	P23	P23	P23	P23	ADFOSC	Shivangi Pandey		
2022-MAR-11	62	P23	P23	P23	P23	ADFOSC	Shivangi Pandey		
2022-MAR-12	71	DDT*	P26	P47	P47	ADFOSC	Kuntal Misra / Arpan Ghosh		
2022-MAR-13	80	DDT				ADFOSC			
2022-MAR-14	87	DDT	P15*		P6*	ADFOSC			
2022-MAR-15	93	DDT*	DDT			ADFOSC			
2022-MAR-16	97					ADFOSC			
2022-MAR-17	99	ICT	ICT	ICT	ICT	TANSPEC	DOT Team		
2022-MAR-18	○	ICT	ICT	ICT	ICT	TANSPEC	DOT Team		
2022-MAR-19	99	ICT	ICT	ICT	ICT	TANSPEC	DOT Team		
2022-MAR-20	97	IVT	IVT	IVT	IVT	TANSPEC	Saurabh / DOT Team		
2022-MAR-21	93	P32	DDT*	P15*	P6*	TANSPEC	Maheswar Gopinathan /		

2022-MAR-22	86	P32	DDT	P45	P45	TANSPEC	Maheswar Gopinathan / Diya Ram		
2022-MAR-23	77	P32	DDT*	P45	P45	TANSPEC	Maheswar Gopinathan / Diya Ram		
2022-MAR-24	67	P32	P11	P11	P11	TIRCAM2	Maheswar Gopinathan /Peter de Cat	Dimple	
2022-MAR-25	◑	P56	P39	P39	DDT*	TANSPEC	Neelam Panwar / S. R. Antony	Rahul Gupta	
2022-MAR-26	44	P32	P39	P39	DDT	TANSPEC	Maheswar Gopinathan / S R Antony	Rahul Gupta	
2022-MAR-27	33	P32	DDT*	P15*	DDT	TANSPEC	Maheswar Gopinathan	Rahul Gupta	
2022-MAR-28	23	P11	P11	P11	P11	TIRCAM2	Peter De Cat		
2022-MAR-29	14	P62	DDT			TANSPEC	Harmeen Kaur		
2022-MAR-30	7	DDT*				TANSPEC			
2022-MAR-31	3	DDT				TANSPEC			
2022-APR-01	●	P59	P59	P59	P59	TANSPEC	Vibhore Negi	Bhavya A.	
2022-APR-02	2	P31	P31	DDT*		TANSPEC	Ravi Joshi	Bhavya A.	
2022-APR-03	6	P31	P31	DDT		TANSPEC	Ravi Joshi		
2022-APR-04	12	DDT*	P47	P47		TANSPEC	Arpan Ghosh	Naveen Dukiya	
2022-APR-05	19	P39	P39	P39	P39	TANSPEC	S R Antony	Naveen Dukiya	
2022-APR-06	27	DDT		P35	P35	TANSPEC	Varun		
2022-APR-07	36		P21	P21	DDT	TIRCAM2	Yogesh Joshi	Ankur Ghosh	
2022-APR-08	45	P47	P47	P50	P50	TANSPEC	Arpan Ghosh / Mizna Ashraf	Ankur Ghosh	
2022-APR-09	◐	DDT*	DDT	P10	P10	TANSPEC	Supriyo Ghosh		
2022-APR-10	64	P47	P47	P47	P47	TANSPEC	Arpan Ghosh		
2022-APR-11	73	P15*	DDT	DDT*	TMT	TANSPEC			
2022-APR-12	82	DDT	DDT	P46	P46	TANSPEC	P K Nayak		
2022-APR-13	89	P6*	DDT*	DDT	DDT	TANSPEC			
2022-APR-14	95	DKO	DKO	JPN	JPN	TANSPEC	Joe Ninan,DKO		
2022-APR-15	99	DDT	SJ	SJ	SJ	TANSPEC	SJ		
2022-APR-16	○	DDT	DDT	DDT	DDT	TANSPEC			
2022-APR-17	99	DKO	DKO	JPN	JPN	TANSPEC	Joe Ninan,DKO		
2022-APR-18	99	P15*	SJ	P6*	SJ	TANSPEC	SJ		

2022-APR-19	95	DDT*	FSQO	FSQO	SJ	TANSPEC	AG,SJ		
2022-APR-20	88	DKO	DKO	JPN	JPN	TANSPEC	Joe Ninan,DKO		
2022-APR-21	80	DKO	DKO	P38	P38	TANSPEC	Tirthendu Sinha,DKO		
2022-APR-22	69	FSQO	FSQO	P7	P7	TANSPEC	N K Bhandari,AG		
2022-APR-23	◑	RKY	RKY	P7	P7	TANSPEC	N K Bhandari,Ramakant S. Yadav		
2022-APR-24	47	RKY	RKY	P7	P7	TANSPEC	N K Bhandari,Ramakant S. Yadav	Dimple	
2022-APR-25	36	P15*	DDT*	P4	P4	TANSPEC	Sarita Vig		
2022-APR-26	26	DDT	FSQO	P4	P4	TANSPEC	Sarita Vig,AG		
2022-APR-27	17	QSO	QSO	P7	P4	TANSPEC	N K Bhandari / Sarita Vig, AG	Naveen Dukiya	
2022-APR-28	10	QSO	QSO	P7	P7	TANSPEC	N K Bhandari, AG	Naveen Dukiya	
2022-APR-29	5	SJ	P46	P54	P54	TANSPEC	Himanshu Tyagi,SJ,Prashant Nayak		
2022-APR-30	●	SJ	P46	P54	P54	TANSPEC	Himanshu Tyagi,SJ,Prahshant Nayak		
2022-MAY-01	1	RG	FSQO	P47	P47	TANSPEC	Arpan Ghosh,AG,RG	Ankur Ghosh	
2022-MAY-02	3	RG	RG	P1	P1	TANSPEC	Sreelekshmi Mohan,RG	Ankur Ghosh	
2022-MAY-03	8	RG	FSQO	P1	P1	TANSPEC	Sreelekshmi Mohan,AG,RG		
2022-MAY-04	14	P21	P21	P7	P7	TIRCAM2	Yogesh Joshi / N K Bhandari		
2022-MAY-05	21	VN	VN	P18	P18	TANSPEC	Sapna Mishra, Vibhore Negi	Rahul Gupta	
2022-MAY-06	29	VN	VN	P18	P18	TANSPEC	Sapna Mishra, Vibhore Negi	Rahul Gupta	
2022-MAY-07	38	DDT	FSQO	P19	P19	TANSPEC	Namitha Isaac,AG		
2022-MAY-08	48	DDT*	SJ	P7	P1	TANSPEC	N K Bhandari / Sreelekshmi Mohan, SJ		
2022-MAY-09	◑	P15*	FSQO	P7	P7	TANSPEC	N K Bhandari,AG		
2022-MAY-10	67	P39	P39	P39	P39	TANSPEC	S. R. Antony		
2022-MAY-11	77	DDT	TMT	P50	P50	TANSPEC	Mizna Ashraf		
2022-MAY-12	85	P6*	SJ	P19	P19	TANSPEC	Namitha Isaac,SJ		
2022-MAY-13	92	DDT*	FSQO	P24	P24	TANSPEC	Tapas Baug,AG		
2022-MAY-14	97	DDT	P21	P21	P38	TIRCAM2	Yogesh Joshi / Tirthendu Sinha		
2022-MAY-15	99	DDT*	P38	P38	P38	TANSPEC	Tirthendu Sinha		

ABBREVIATIONS :

DOT : Devasthal Optical Telescope
DDT : Directors Discretionary Time
DDT* : Directors Discretionary Time for DTAC-approved ToO proposals
ICT : Instrument Change Time
IVT : Instrument Verification Time
TMT : Telescope Maintenance Time

AG: Alok Gupta, RG: Rahul Gupta, SJ: Santosh Joshi, VN: Vibhore Negi, DKO, DK Ojha, JPN: Joe P Ninan

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 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. ToO Proposals P2 and P20 demand only spectra on ADFOSC.
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.