



# Indian Institute of Space Science and Technology

## Summer Internship 2026

**Department : Avionics**

SLNO.	FACULTY SUPERVISOR	PROJECT TITLE	NAME	REG. NO.	SELECTED/ WAITING LIST
1	Priyadarshnam	AV01 Control systems for satellites	Anwasha Dutta	SF2026381	Selected
			Mansi	SF2026382	Selected
			Sanjana Bhattacharjee	SF2026383	Selected
2	Priyadarshnam	AV02 Probiotic bacteria growth study in space	<b>No One Selected</b>		
3	Priyadarshnam	AV03 Satellite mission and subsystems	<b>No One Selected</b>		
4	Priyadarshnam	AV04 Software for satellite systems	Ganga M Pillai	SF2026119	Selected
			RIYA KUNJUMON	SF2026704	Waitlist 1
5	Priyadarshnam	AV05 Modular Power systems for satellites	RINU ANNIE ABRAHAM	SF20261065	Selected
6	Sudharshan Kaarthik R	AV06 Digital systems design with DSP + FPGAs for control of Electric Power	Abhinand I P	SF20261573	Selected
			Samip Singh	SF2026320	Waitlist 1
			Chaithra B	SF2026602	Waitlist 2
			Ananya CK	SF20261796	Waitlist 3
			S Diya Vasim	SF20263960	Waitlist 4
			Shyama Manoj	SF20263804	Waitlist 5
7	Sudharshan Kaarthik R	AV07 Design of Layout for motor drivers for attitude control of small satellites	Samiksha Biswas	SF2026550	Selected
			Anupam Manoj	SF20263933	Waitlist 1
			JASMINA THAMARASSERI	SF20262334	Waitlist 2
			Lokesh Bhakar	SF20261062	Waitlist 3
			Philip Bobby Panachikkal	SF20262914	Waitlist 4
			Divyansh Pandey	SF2026969	Waitlist 5
8	Sudharshan Kaarthik R	AV08 Fault detection and isolation of multi-motor system	LAKSHMI DINESH	SF20262369	Selected
			Chaithra B	SF2026602	Waitlist 1
			Ram Gopal M P	SF2026757	Waitlist 2
			Harshak V P	SF20262773	Waitlist 3
			PRIDHUN V	SF20262043	Waitlist 4

			AYSHA NOURIN C M	SF20262381	Waitlist 5
9	Sudharshan Kaarthik R	AV09 Advanced space vector PWM methods for Split-phase machines	Akmal Latheef Kalluparambil	SF20263255	Selected
			N Jayavardhan Reddy	SF2026486	Waitlist 1
			Nithya Shri P R	SF20263238	Waitlist 2
			ANAN.K.M	SF20262632	Waitlist 3
			Adrien Joe K	SF20261734	Waitlist 4
10	Sudharshan Kaarthik R	AV10 Integrated chargers for e-bikes	<del>C C Hemanth Krishna</del>	<del>SF20263588</del>	<del>Selected</del>
			<del>Chaitra B</del>	<del>SF2026602</del>	<del>Selected</del>
			Shyama Manoj	SF20263804	Selected
			Sandra Renjith	SF20264028	Waitlist 1
			Sharmishtha Devi Kola	SF20264157	Waitlist 2
			Nissi Keerthana	SF20263523	Waitlist 3
11	N.Selvaganesan	AV11 Data driven Modeling and Control	Uthara Raj k	SF20261767	Selected
			Eshanya A	SF20263814	Waitlist 1
			Aswan S	SF2026154	Waitlist 2
			Arundhathy S	SF20263089	Waitlist 3
			Afrah Hajira	SF20263795	Waitlist 4
12	N.Selvaganesan	AV12 Physiological Modeling and Control	RIYA KUNJUMON	SF2026704	Selected
			Niranjan Das	SF20262593	Waitlist 1
			Anushka Varshney	SF20263539	Waitlist 2
			ANAND S B	SF2026221	Waitlist 3
			ANJANA K	SF20262462	Waitlist 4
13	N.Selvaganesan	AV13 Physiological Modeling and Control	Raghvendra Tripathi	SF20263194	Selected
			Yadunandan T	SF20261768	Waitlist 1
			ADVAIT JAYESH PANDEY	SF2026247	Waitlist 2
			Anishk yadav	SF20264083	Waitlist 3
			ANJANA KP	SF20263304	Waitlist 4
			Harshal Ganatra	SF20263629	Waitlist 5
14	N.Selvaganesan	AV14 Quantum Cryptography	PRIYANSHU AGRAWAL	SF2026394	Selected
			DEVANSH	SF20263431	Waitlist 1
			Arnav Kapoor	SF2026907	Waitlist 2
			Arnav Kapoor	SF2026908	Waitlist 3
			Jyothirmayi Suresh	SF20262897	Waitlist 4
			T Prem	SF20261105	Waitlist 5
15	N.Selvaganesan	AV15 Quantum Cryptography	Reja fathima	SF20264004	Selected
			Pranesh Raj K	SF20261285	Waitlist 1
			Pranav	SF20263678	Waitlist 2
			Johan Varghese K	SF2026548	Waitlist 3
			MONDI VIJAYA SAIRAM	SF20262858	Waitlist 4
			Ronak Mishra	SF2026261	Waitlist 5

16	Immanuel Raja	AV16 Design & Testing of RF communication boards for cubesats	<del>Nandan M N</del>	<del>SF20262774</del>	<del>Selected</del>
			Antony Manjila	SF20261013	Selected
			BATHMESH V	SF20261717	Waitlist 1
			ABISHA R	SF20262189	Waitlist 2
			SHIVADARSHAN B	SF20261962	Waitlist 3
			RUMANA AZEEM	SF20264150	Waitlist 4
17	Harsha Simha	AV17 Game Theoretic Approach for agent based modelling of Complex Systems - 1	Rajveer Rajpurohit	SF2026139	Selected
			VATSAL PARASHAR	SF20261427	Selected
			Prashant Dubey	SF20261667	Waitlist 1
			Kartik Kashyap	SF20262469	Waitlist 2
			Astitva kushwaha	SF20263887	Waitlist 3
			Kishor Maity	SF2026502	Waitlist 4
18	Harsha Simha	AV18 Game Theoretic Approach for agent based modelling of Complex Systems - 2			
			Vaishnavi Kulakrni	SF2026471	Selected
			Kishor Maity	SF2026502	Waitlist 1
			Ronak Mishra	SF2026261	Waitlist 3
19	Rajesh Joseph Abraham	AV19 LQR Controller Design for an Antenna system	Haridev S	SF20262442	Selected
			NAVEEN P SURESH	SF20262405	Waitlist 1
20	Rajesh Joseph Abraham	AV20 UAV Dyamics and Control	Hirendran K	SF20261169	Selected
			SATYAJIT SAI PARAG	SF2026634	Waitlist 1
21	Rajesh Joseph Abraham	AV21 UAV Dyamics and Control	<del>Noyal K Raju</del>	<del>SF20263977</del>	<del>Selected</del>
			Anirudh Pal Singh	SF2026174	Selected
22	Rajesh Joseph Abraham	AV22 UAV Dyamics and Control	Shrey Bhatnagar	SF20261182	Selected
			Mahaveer Gaur	SF20262208	Waitlist 1
23	Rajesh Joseph Abraham	AV23 UAV Dyamics and Control	Nohin Binu	SF20263821	Selected
			RAHUL SRINIVAS P	SF2026980	Waitlist 1
24	S.Chris Prema	AV24 Cooperative and D2D Communication	Diraq Najir Girach	SF20261375	Selected
			PALLA YASASWINI	SF20263079	Waitlist 1
25	S.Chris Prema	AV25 Automatic modulation and classification	<del>Kavvinguru S</del>	<del>SF2026557</del>	<del>Selected</del>
			Anagha Acca Kurian	SF20263358	Selected
			Bharaneswar T	SF202657	Waitlist 1
			BARIKA VYSHNAVI	SF2026346	Waitlist 2
26	S.Chris Prema	AV26 Outdoor localization in 5G systems	VEMULA KUSUMANJALI	SF20262576	Selected
			SAMOTA KUNDU	SF20263730	Waitlist 1
			Bharaneswar T	SF202657	Waitlist 2

27	Basudev Majumder	AV27 RF system interfacing with MCU	Saumyvardhan Singh Shekhawat	SF202629	Selected
			Shreya Thakur	SF2026755	Waitlist 1
			Devanandana P R	SF20261263	Waitlist 2
			Muhammed Rusthem	SF20261555	Waitlist 3
			Prajantha P.A.	SF20263558	Waitlist 4
			SHANJU VIGASINI A S	SF20262719	Waitlist 5
28	M.Vani Devi	AV28 Drone navigation spoofing	Anand Jayan	SF2026215	Selected
			Agolika BM	SF20261982	Waitlist 1
			Meenakshi Manoj	SF20263913	Waitlist 2
29	M.Vani Devi	AV29 AI based wireless communication	Aleena Anna Mathew	SF20263519	Selected
			Nissanth S P	SF2026466	Waitlist 1
			Lesanth N	SF2026477	Waitlist 2
			Alfin paulose Thomas	SF2026919	Waitlist 3
30	M.Vani Devi	AV30 Localization using 5G physical layer signal	DRISYA M	SF20261315	Selected
			HANNAH GRACE ALEXANDER	SF20261996	Waitlist 1
			Aryan Raj	SF2026672	Waitlist 2
31	M.Vani Devi	AV31 SDR based sensing using 5G signal	<del>Agolika BM</del>	<del>SF20261982</del>	<del>Selected</del>
			<del>SRUTHI T P</del>	<del>SF20261317</del>	<del>Waitlist 1</del>
			HANNAH GRACE ALEXANDER	SF20261996	Selected
			N JYOTHI LAKSHMI	SF20262136	Waitlist 1
32	M.Vani Devi	AV32 RIS aided localization	SRUTHI T P	SF20261317	Selected
			PRANAV CHIRRA	SF20263860	Waitlist 1
			KRISHNASREE O K	SF20261708	Waitlist 2
33	Anindya Dasgupta	AV33 GaN based non isolated low power converter design	Sayan Saha	SF20262535	Selected
			Varun Sathya	SF20262976	Waitlist 1
			Aravind Krishna V	SF20263525	Waitlist 2
34	Anindya Dasgupta	AV34 Modular electrical power distribution system for small satellites	Varun Sathya	SF20262976	Selected
			Aswin M Kumar	SF20262696	Waitlist 1
			Aravind Krishna V	SF20263525	Waitlist 2
35	Sheeba Rani J	AV35 Approximate computing techniques for digital arithmetics	Gouri Krishna B S	SF20261761	Selected
			SURAJ S	SF20262707	Waitlist 1
			Parvathy M J	SF20261979	Waitlist 2
			Sachin Sajit	SF20261337	Waitlist 3
36	Sheeba Rani J	AV36 real time	Rajkrishna T R	SF20261269	Selected
			Sarang P S	SF2026244	Waitlist 1

		Implementation of signal processing algorithms in FPGA/Jetson Nano boards	Debolina Banerjee	SF20263584	Waitlist 2
			Hiba Parvin A	SF20264176	Waitlist 3
37	Sheeba Rani J	AV37 Developing Deep Neural Networks architecture for MRI denoising and reconstruction	Chinamuthevi Sanjana	SF20262012	Selected
			GOPIKA P S	SF20261396	Waitlist 1
			Anaswara Prakash	SF20261015	Waitlist 2
			Lekhya Thota	SF20263239	Waitlist 3
38	Deepak Mishra	AV38 Learning Generalizable Robotic Manipulation from Vision-Language Models and Videos	Kevin Jose	SF20261638	Selected
			Ayisha Farah	SF20262583	Waitlist 1
			Aditya Vikrant Bhagwat	SF20262264	Waitlist 2
			CHRISTY ALPHONSE SHERI	SF2026923	Waitlist 3
			Safreen K Saleem	SF20261533	Waitlist 4
			Jesmi Jayan	SF20263110	Waitlist 5
39	Deepak Mishra	AV39 Probabilistic Weather Nowcasting using Spatiotemporal Generative Models	Annanya Babu	SF2026229	Selected
			Bhumika Sarmaal	SF20263092	Waitlist 1
			Goteti Sai Abhinav	SF20263211	Waitlist 2
			Sreeparvathy P V	SF20263637	Waitlist 3
			Aarya Tejaswini J Jayin	SF20263412	Waitlist 4
			Jayin	SF20263939	Waitlist 5
40	Deepak Mishra	AV40 Monocular 3D Pose and Trajectory Estimation for Space Debris	Srinandan M S	SF20263151	Selected
			Sreeparvathy P V	SF20263637	Waitlist 1
			Christy Thomas	SF20262544	Waitlist 2
			Burle Tejash	SF20263309	Waitlist 3
			Devashish Gupta	SF2026913	Waitlist 4
			FARHAT JAHAN	SF20261361	Waitlist 5
41	Deepak Mishra	AV41 Image Shadow Removal	<del>Aashi Garg</del>	<del>SF20262890</del>	<del>Selected</del>
			Awadhi Jain	SF20263560	Selected
			Abhinav A	SF2026703	Waitlist 1
			Negha R	SF2026171	Waitlist 2
			Ayisha Muhammed	SF2026864	Waitlist 3
			Jifith Joseph	SF20263415	Waitlist 4
42	Sooraj Ravindran	AV42 Modelling of semiconductor Optoelectronics devices	Lakshmi venugopal	SF20261671	Selected
			Sreehara Bharath	SF2026308	Waitlist 1
			Fathima Minha	SF20262323	Waitlist 2
			Nandakishor P S	SF2026778	Waitlist 3
43	Sooraj Ravindran	AV43 Modelling of semiconductor Optoelectronics devices	Nisha Prashant Jambulwar	SF20261832	Selected
			Nandana Chithreshan	SF2026263	Waitlist 1
			Anjitha M Nair	SF2026207	Waitlist 2
			VENISHA FIONA MASCARENHAS	SF20262385	Waitlist 3

44	Sooraj Ravindran	AV44 Modelling of semiconductor Optoelectronics devices	Rukaiya Beevi	SF20264043	Selected
			Nandana S Binu	SF20262526	Waitlist 1
			Sreekarthikdas V	SF20263470	Waitlist 2
			Niranjana MD	SF20263542	Waitlist 3
45	Sooraj Ravindran	AV45 Modelling of semiconductor Optoelectronics devices	Priyaja M P	SF2026515	Selected
			Abhinav krishna VR	SF20263482	Waitlist 1
			Femiya Thomas	SF20262672	Waitlist 2
46	Sooraj Ravindran	AV46 Modelling of semiconductor Optoelectronics devices	Aneeta Johny	SF20262376	Selected
			Susobhan Ghosh	SF202672	Waitlist 1
47	Chinmoy Saha	AV47 Radiative Microwave Wireless Power Transfer	Kusum Kumari	SF20263555	Selected
			Boinapally Ruthvik	SF20263097	Waitlist 1
			Rithvik Boddapalli	SF20263080	Waitlist 2
48	Chinmoy Saha	AV48 Shared Aperture Antenna Design	<del>DEBAPRIYA PAUL</del>	<del>SF20263533</del>	<del>Selected</del>
			<del>Debolina Banerjee</del>	<del>SF20263584</del>	<del>Selected</del>
			<del>Aishik Roy</del>	<del>SF2026188</del>	<del>Selected</del>
49	Chinmoy Saha	AV49 On chip antenna design for mm-wvve THz application	Guttavilli Nitya sri	SF20262067	Selected
			Ambadi Krishna A M	SF20261407	Waitlist 1
50	Chinmoy Saha	AV50 Time Modulated Antenna Array for Radar/WPT application	Aishik Roy	SF2026188	Selected
			CHANDRA SRAVANTHI KOLLI	SF20262033	Waitlist 1
			Jewel mary Varghese	SF2026643	Waitlist 1
			Suchana Laha	SF20263761	Waitlist 2
51	R. Lakshminarayanan	AV51 Multi-object target Tracking for Drones and Drone Swarms	<del>Kunal Rabidas</del>	<del>SF20261246</del>	<del>Selected</del>
			ATHEENA JOSEPH	SF2026259	Selected
			Mohammad Sajida Khan	SF2026216	Waitlist 1
			Vishal Ram K N	SF20263692	Waitlist 2
			Aemmanual Shaju	SF20264155	Waitlist 3
			HRISHEEKESH NARAYAN P E	SF20263320	Waitlist 4
52	R. Lakshminarayanan	AV52 Multi-Carrier high Speed Communication systems Design	Chethana N	SF2026945	Selected
			Ananya Sudakar	SF2026200	Waitlist 1
			Pranav S Nair	SF20261865	Waitlist 2
			Prabhu kalyan Sethi	SF20262314	Waitlist 3
			ARPITA RAJ SINGH	SF20262638	Waitlist 4
			ADITYA KUMAR	SF20262642	Waitlist 5

53	Sourav Bhowmick	AV53 Secure and safe distributed optimization algorithm design for swarm robots	Mariya Anna Antony	SF20262545	Selected
			ANJANA KP	SF20263304	Waitlist 1
			Shahnaz Hashim	SF20261014	Waitlist 2
			Gouthamkrishnan Suresh Nair	SF20261725	Waitlist 3
			Paul Jogy Konikkara	SF20261704	Waitlist 4
			Jiya Khanna	SF20262524	Waitlist 5
54	Sourav Bhowmick	AV54 Private federated learning for heterogeneous and non-iid data	Ameez Muhammed	SF20262596	Selected
			ADWAITH ARUN	SF20262622	Waitlist 1
			A R Nitesh Kumar	SF2026734	Waitlist 2
			Sunny Kumar singh	SF20261252	Waitlist 3
			Kasireddy Venkata Saiesh Reddy	SF20263655	Waitlist 4
			Neha	SF20262625	Waitlist 5
55	Manoj B S	AV55 6G Networks	Lakshmi Parvathi	SF20261100	Selected
			Arjun V P	SF20263362	Waitlist 1
			S Gayathri	SF20261806	Waitlist 2
			ADHITHYA P S	SF20263370	Waitlist 3
			ANKIT BUWADE	SF20264107	Waitlist 4
			Alisha P Shibu	SF20264154	Waitlist 5
56	Manoj B S	AV56 6G-Non Terrestrial Network Integration	<del>PRIYANSHU RAJ</del>	<del>SF20261945</del>	<del>Selected</del>
			S Gayathri	SF20261806	Selected
			Geeta	SF20262168	Waitlist 1
			KONDAPALL DEVI PRIYANKA	SF20263623	Waitlist 2
			AKSHAYA S	SF20261917	Waitlist 3
57	Manoj B S	AV57 Satellite-based IoT Networks	ADITHYA S	SF20262889	Selected
			SILPA THERESA SONI	SF20261243	Waitlist 1
			Sameena K S	SF20263570	Waitlist 2
			S SHREYA	SF20263116	Waitlist 3
			AKUNURI NIHAR	SF2026892	Waitlist 4
			ANUSHREE DEY	SF20262839	Waitlist 5
58	Manoj B S	AV58 AI for Cyber Physical Systems	Aini Rizvi	SF20262637	Selected
			Dhrowpika M	SF20263503	Waitlist 1
			Abhin Anoop	SF20263986	Waitlist 2
			Pranjali Shriram Patil	SF2026990	Waitlist 3
			Johan Varghese K	SF2026548	Waitlist 4
			Malavika M	SF20263903	Waitlist 5
59	Manoj B S	AV59 AI for Brain Computer Interface	<del>Mekha Ajith</del>	<del>SF20261260</del>	<del>Selected</del>
			VIJAYALAKSHMI P	SF20261918	Selected
			Kashish Nandwani	SF20263969	Waitlist 1
			Ananya Muraleedharan	SF20263319	Waitlist 2
			BIJO BIJU	SF2026858	Waitlist 3
Arshiya	SF20263945	Waitlist 4			