



**CENTRE FOR AEROSPACE RESEARCH
MIT CAMPUS, ANNA UNIVERSITY
CHENNAI – 44**

☎ 22516343
Tele fax: 22231165
E-mail: dircasr@annauniv.edu

Dr. K.Senthil Kumar
Director

Recruitment of Project/Consultancy staff (Temporary)

Director General of Civil Aviation (DGCA) has granted Authorization to Centre for Aerospace Research (CASR), MIT Campus, Anna University to commence a Remote Pilot Training Organization (RPTO) for conducting Remote Pilot Training Course in accordance with DGCA regulations and issue of Certificate/License.

CASR is proposing to recruit the following Project/Consultancy staff (Temporary) posts smooth functioning of the RPTO. Eligible candidates may submit their CV's as per the format enclosed herewith on or before 11.08.2021 by 5 PM to the following address through post/in person or forward scanned copies of the application to the email id mentioned below.

The Director, Centre for Aerospace Research, Email: dircasr@annauniv.edu
MIT Campus, Anna University, casrrpto@gmail.com
Chennai – 600 044.

Sl. No	Name of Designation	Description	Qty	Salary
01	Chief Operating Officer <i>(In the pay scale of Project Scientist as per CTD norms)</i>	Essential Qualification: <ul style="list-style-type: none">➤ Must be a holder of Private Pilot License.➤ Retired Indian Air Force Pilot / ATC of the rank of Wing Commander and above.➤ Masters degree in Business Administration (Operations/HR) Desirable Qualification: <ul style="list-style-type: none">➤ Excellent knowledge in Aviation safety, RF equipment, and co-ordination with ATC.➤ Teaching experience with respect to Airspace Management, Flight Safety etc.➤ Technical Management and Networking capability.	1	90,000
02	Chief Pilot Instructor -Head of Training <i>(In the pay scale of Project Scientist as per CTD norms)</i>	Essential Qualification: <ul style="list-style-type: none">➤ Ph.D. in Engineering with specialization on UAV systems or ME/M.Tech in Aero/Avionics/CSC/Embedded/VLSI with 8 years of Research and Development experience in the field of UAV.➤ Must be a DGCA Certified Remote Pilot Instructor. Desirable Qualification:	1	80,000



**CENTRE FOR AEROSPACE RESEARCH
MIT CAMPUS, ANNA UNIVERSITY
CHENNAI – 44**

☎ 22516343
Tele fax: 22231165
E-mail: dircasr@annauniv.edu

Dr. K.Senthil Kumar
Director

		<ul style="list-style-type: none"> ➤ International Research Experience in the field of UAV systems. ➤ Leadership quality and wide knowledge in respect of DGCA UAS Rules and Regulations. ➤ Experience in BVLOS UAV/SWARM UAV operations. ➤ Participation in National and International UAV competitions. ➤ Knowledge in UAV Guidance, Navigation & Control and Autopilot systems. 		
03	Senior Manager-UAV Flight Simulation (<i>In the pay scale of Project Scientist as per CTDT norms</i>)	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ Ph.D. in Engineering with specialization on UAV systems or ME/M.Tech in Aero/Avionics/CSC/Embedded/VLSI design with 8 years of Research and Development experience in the field of UAV. <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ Experience in operation/ demonstration of UAVs in high altitude. ➤ Experience in SWARM UAV HADR operations. ➤ Integration and testing of Avionics system for Surveillance UAVs. ➤ Knowledge in UAV Software in the Loop Simulation. 	1	70,000
04	Senior Remote Pilot Instructor cum Maintenance Manager - Avionics (<i>In the pay scale of Project Associate II as per CTDT norms</i>)	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ M.S.(by Research) or M.E in Avionics with minimum 5 years of experience in the field of UAV Avionics system. ➤ Must be a DGCA Certified RPAS Trainer/Instructor. <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ Knowledge of UAV payload integration. ➤ Knowledge of DGCA Rules and Regulations on UAV. ➤ UAV Integration, Trouble shooting, Repair and Maintenance of UAV Avionics system. ➤ Teaching experience related to Avionics systems. 	1	60,000



**CENTRE FOR AEROSPACE RESEARCH
MIT CAMPUS, ANNA UNIVERSITY
CHENNAI – 44**

☎ 22516343
Tele fax: 22231165
E-mail: dircast@annauniv.edu

Dr. K.Senthil Kumar
Director

05	UAV System Engineer (<i>In the pay scale of Project Associate II as per CTDT norms</i>)	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ B.E in Electronics and Communication with minimum 10 years experience. ➤ Should have excellent knowledge in UAV system integration. <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ Experience in operation/ demonstration of UAVs in high altitude. ➤ Integration and testing of Avionics system for Surveillance UAVs. ➤ Knowledge in testing of UAV communications, navigations and Flight control systems. ➤ Flying Experience in Multirotor & Fixed-wing UAV's. 	1	60,000
06	Manager - Flight Safety (<i>In the pay scale of Project Associate II as per CTDT norms</i>)	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ M.E in Aero or CAD/CAM with minimum 7 years of experience in the field of UAV industries. ➤ Thorough knowledge of DGCA UAS Rules and CAR Regulations in respect of Air safety Operations. <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ Techno Managerial capacity in respect of Flight testing. ➤ Network with Government Organization dealing with Air Safety viz., AAI, ATC, DGCA etc. ➤ Experience in obtaining Quality Assurance of systems/subsystems of UAV with the help of NABL accredited laboratories. 	1	60,000
07	Lead Maintenance Repair Overhaul (MRO) Engineer (<i>In the pay scale of Project Associate II as per CTDT norms</i>)	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ B.E in Aeronautics with 10 years Technical experience related to UAV systems. ➤ Should have knowledge in Avionics integration, UAV engines and GCS operations <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ Experience in Micro, Mini & Tactical UAVs with respect to Manufacturing, Airframe assembly, Payload integration, Flight testing & Trouble shooting. ➤ Knowledge in various types of Composite 	1	50,000



**CENTRE FOR AEROSPACE RESEARCH
MIT CAMPUS, ANNA UNIVERSITY
CHENNAI – 44**

☎ 22516343
Tele fax: 22231165
E-mail: dircast@annauniv.edu

Dr. K.Senthil Kumar
Director

		<p>fabrication process.</p> <ul style="list-style-type: none"> ➤ Support in installation, calibration, testing and tuning of UAV engines. 		
08	<p>Senior Remote Pilot Instructor cum Maintenance Manager - Overhaul <i>(In the pay scale of Project Associate II as per CTDT norms)</i></p>	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ B.E in Electronics and Communication with minimum 6 years of experience. ➤ Must be a DGCA Certified Remote Pilot Instructor. <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ Knowledge in various types of UAVs, Payloads and Integration. ➤ Experience in UAV long range communication, handling of Ground test equipment for various systems. ➤ Knowledge of DGCA Rules and Regulations on UAV. 	1	50,000
09	<p>Senior Remote Pilot Instructors <i>(In the pay scale of Project Associate II as per CTDT norms)</i></p>	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ Masters Degree in Aeronautical Engineering with minimum 2 years of experience or Bachelors Degree in Aeronautical Engineering with minimum 6 years experience. ➤ Must be a DGCA Certified RPAS Trainer/Instructor. <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ Thorough knowledge of DGCA latest rules and regulations on UAV. ➤ Flying experience on Micro, Mini, & Small UAVs ➤ Experience in imparting simulator training and knowledge on various subsystems of UAVs. 	4	50,000
10	<p>Remote Pilot Instructor cum Maintenance Manager – Telemetry & Battery/Propulsion <i>(In the pay scale of Project Associate II as per CTDT norms)</i></p>	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ M.S.(by Research)/ M.E in Aeronautics or BE/B.Tech Aero/ECE/E&I with minimum 2 of experience in UAV Industries. ➤ Must be a DGCA Certified Remote Pilot Instructor. <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ UAV Integration, Trouble shooting, Repair and Maintenance of UAV Communication & Data Acquisition systems. ➤ Knowledge in Battery/Propulsion 	2	40,000



**CENTRE FOR AEROSPACE RESEARCH
MIT CAMPUS, ANNA UNIVERSITY
CHENNAI – 44**

☎ 22516343
Tele fax: 22231165
E-mail: dircasr@annauniv.edu

Dr. K.Senthil Kumar
Director

		<p>Management.</p> <ul style="list-style-type: none"> ➤ Knowledge of DGCA Rules and Regulations on UAV. ➤ Experience in conducting Quality Assurance Test with NABL Accredited laboratories. ➤ Preparation of various types of Technical Manuals. 		
11	<p>Maintenance Manager - Aerodynamics and Aircraft Structures <i>(In the pay scale of Project Associate II as per CTDT norms)</i></p>	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ M.E in Aeronautics with relevant experience in Aerodynamics and Structural design of UAVs. <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ Knowledge of DGCA Rules and Regulations on UAV. ➤ Experience in preparation of Technical documents. ➤ Experience in carrying out UAV Structural Testing as per Standards. 	1	40,000
12	<p>Manager –System Integration <i>(In the pay scale of Project Associate II as per CTDT norms)</i></p>	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ M.E in Avionics with relevant experience. ➤ Basic knowledge in Electronics and Instrumentation. <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ Experience in Autopilot Integration and Tuning. ➤ Knowledge in BVLOS, VLOS UAS operations. ➤ Payload Integration of the UAVs including GCS operation. 	1	40,000
13	<p>Manager – Structural Assembly and Flight Testing <i>(In the pay scale of Project Associate II as per CTDT norms)</i></p>	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ Degree in Aeronautical Engineering with minimum 5 years of experience. ➤ Experience in flying Multirotor, Fixed wing, Hybrid UAVs. <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ UAV Payload Integration and Testing. ➤ Flight Testing of UAV at High Altitudes. ➤ Experience in handling of Ground test equipment's. 	1	40,000



**CENTRE FOR AEROSPACE RESEARCH
MIT CAMPUS, ANNA UNIVERSITY
CHENNAI – 44**

☎ 22516343
Tele fax: 22231165
E-mail: dircastr@annauniv.edu

Dr. K.Senthil Kumar
Director

14	<p>Manager- Hybrid UAV System Integration and Flight Testing <i>(In the pay scale of Project Associate II as per CTDT norms)</i></p>	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ BE/B.Tech in Aeronautical Engineering with minimum 5 years of experience in the field of UAV industries. ➤ Experience in flying Multirotor & Hybrid UAVs. <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ UAV Payload Integration and Testing. ➤ Experience in handling of Ground test equipment's. ➤ Expert in Flight Testing & APU Tuning. 	1	40,000
15	<p>Manager - Detailed Design <i>(In the pay scale of Project Associate I as per CTDT norms)</i></p>	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ B.E in Aeronautical Engineering with aptitude in UAV detailed design and having minimum 3 years of experience. ➤ Experience in composite fabrication of UAV components. <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ Design and Fabrication of Ground test rigs ➤ Knowledge in Aircraft Structural design software viz., CATIA, V5 R20, ANSYS etc. ➤ Design, Development & Fabrication of Prototype UAVs. 	1	35,000
16	<p>Database Administrator <i>(In the pay scale of Project Associate I as per CTDT norms)</i></p>	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ B.E in Information Technology or Computer Science with minimum 3 years of experience. ➤ Knowledge in UAV Subsystem Inventory Management and experience in UAV subsystem Supply Chain Management. <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ Knowledge in Data Mining and Warehousing. ➤ Experience in Technical Administration. ➤ Computer skills viz., MS-Office, Tally etc. 	1	35,000
17	<p>Administrator – Accounts <i>(In the pay scale of Project Associate I as per CTDT norms)</i></p>	<p>Essential Qualification:</p> <ul style="list-style-type: none"> ➤ Graduate in Commerce with at least 9 years of experience. ➤ Experience in Audit Management <p>Desirable Qualification:</p> <ul style="list-style-type: none"> ➤ Maintenance and Management of Financial documents. ➤ Preparation of Forecast Budget Estimate and scheduling of expenditure. ➤ Experience in Filing of Income Tax, GST, etc. 	1	35,000



**CENTRE FOR AEROSPACE RESEARCH
MIT CAMPUS, ANNA UNIVERSITY
CHENNAI – 44**

☎ 22516343
Tele fax: 22231165
E-mail: dircastr@annauniv.edu

Dr. K.Senthil Kumar
Director

18	Field Administrative/ Technical Assistant cum Driver (<i>In the pay scale of Project Technician as per CTDT norms</i>)	Essential Qualification: <ul style="list-style-type: none">➤ Graduate in Commerce with minimum 6 years of experience.➤ Possession of Heavy Duty Vehicle Driving License. Desirable Qualification: <ul style="list-style-type: none">➤ Post Graduation in Commerce.➤ Knowledge in Finance and experience in Log Book entries.➤ Experience in Assisting UAV System Engineers in the Flight Test Field with respect to System Integration and testing and providing logistic support.	1	30,000

Terms and Conditions:

- The shortlisted candidates will be evaluated based on the Qualification Requirement provided through UAV flying (wherever applicable), personnel and technical interviews.
- The Date and Venue of the Interview will be intimated through phone/mail
- The tenure of the present temporary appointment, if selected will be for a duration of 4 years and can be considered for extension based on the performance.
- Selected candidates will be required to work anywhere in India as instructed.
- The emoluments shown against each post is based on the number of minimum trainees anticipated and incentives can be granted to a maximum of 10% or can be curtailed depending on the participation of number of trainees since, RPTO is a self-sustaining Organization. Efforts will also be made to provide an increment of 10% to 20% every year on the emoluments shown against each post.
- No Travelling Allowance or any other allowances is applicable for attending the interview.
- The Tentative Interview date will be on 14th August 2021 and the interview information will be communicated either through E-mail or Telephone.
- The Interview will be conducted in person at Centre for Aerospace Research, MIT campus, Anna University, Chromepet, Chennai - 600044.



**CENTRE FOR AEROSPACE RESEARCH
MIT CAMPUS, ANNA UNIVERSITY
CHENNAI – 44**

☎ 22516343
Tele fax: 22231165
E-mail: dircasr@annauniv.edu

Dr. K.Senthil Kumar

Director

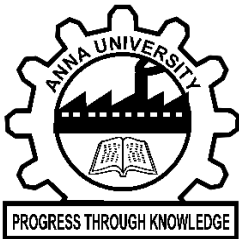
- The Appointment is purely on Temporary basis and the selection will be based on Anna University guidelines.

For any further details please contact:

The Director,
Centre for Aerospace Research,
MIT Campus, Anna University,
Chennai – 600 044.
dircasr@annauniv.edu (or)
casrrpto@gmail.com
044-22231165/044-22516343



Dr. K. SENTHIL KUMAR
Professor and Director
Centre for Aerospace Research
Dr. Kalam Advanced UAV Research Centre
MIT Campus, Anna University
Chennai - 600 044, India



ANNA UNIVERSITY CHENNAI
MIT CAMPUS
APPLICATION FOR THE POST OF
PROJECT STAFF (Temporary)

CENTRE FOR AEROSPACE RESEARCH

SI No:		Name of the Post applied for:				
1	Name (in Block Letters) with initial at the end				PHOTO	
2	Address for communication					
3	E-mail id, Mobile/Phone					
4	Nationality		Age		Date of Birth	
5	Educational Qualification(s)					
	Degree/Diploma/ HSC/SSLC	Specialization	University/Institution	Year of Passing	CGPA/ Percentage	
5a	Essential Qualification(s)					

6	Professional Experience(Teaching/Industry/Research)				
	Name of Institution	Designation	Period		Nature of Work
			From	To	
Total Experience in (YY/MM)		Teaching :		Industry:	
7	Additional Information in the field of Mapping and UAV Pilot.				
8	List of Enclosure(s)				

Declaration:

I declare that the information furnished above is true and correct to the best of my knowledge and belief, and that no related information is concealed. If any discrepancy is observed at any stage, **The Director, CASR will be free to cancel my selection/candidature.**

Place:

Signature of the Applicant

Date:

INSTRUCTIONS FOR FILLING UP THE APPLICATION FORM

(Application not submitted in proper format is likely to be rejected)

1. Application form should be neatly typed or handwritten in CAPITAL LETTERS.
2. Enclose attested photocopies of relevant certificates/proofs wherever necessary.