

Registration Number : <b>ENGS2190</b>			
(For office use only)			
Applicant Type	Student	Area of Interest	Engineering
			Computer Science
<b>Personal Details</b>			
Initials / First Name	Kedar	Last name	Dhule
Gender	Male	Date of Birth	14/01/2004
Email	kedar.221it023@nitk.edu.in		
Telephone		Mobile	7517799265
Full postal address for Correspondence Address	Kedar Dhule,Room 30,Vindhya NITK Surathkal NH 66, Srinivasnagar, Surathkal	Permanent Address	'Vijay Dhule',Shivshahi Colony Near Akshay Gas Agency parli Naka,Gangakhed
City	MANGALURU	City	Parbhani
State	Karnataka	State	Maharashtra
Pincode	575025	Pincode	431514
<b>Academic Details</b>			
	Year	Institution	% / C.G.P.A
SSLC / Class X	2020	Rayreshwar Secondary school,Parbhani,Maharashtra	99.2
PUC / Class XII	2022	Yeshwant Mahavidhyalay(JR.),Nanded,Maharashtra	87.8
<b>Graduation</b>			
Name of the Course	B.Tech(Information Technology)		
Institution	National Institute of Technology Karnataka,Surathkal		
City	Surathkal,MANGALURU		
Registration / enrolment No.	2210836		
Year/Semester	Year	% / S.G.P.A	
1	2023	8.55	
2	2023	8.75	
3			
4			
5			
6			
7			
8			
<b>Post Graduation</b>			
Name of the course			
Institution			
City			
Registration / enrolment No.			
Year/Semester	Year	% / S.G.P.A	

1			
2			
3			
4			
<b>Integrated PhD</b>			
<b>Institution</b>			
<b>City</b>			
<b>Registration / enrolment No.</b>			
<b>Year/Semester</b>	<b>Year</b>	<b>% / S.G.P.A</b>	
1			
2			
3			
4			
<b>Other qualification, if any(give details)</b>			
<b>Other Details</b>			
<b>Currently studying</b> BTech	Year II	<b>Semester III</b>	
<b>Institution</b>	National Institute of Technology Karnataka, Surathkal	<b>Place</b>	Surathkal, Mangluru
<b>Have you applied previously to Academy Fellowships? If yes mention year and Reg No.</b>	NO		
<b>Have you been selected previously? If yes, (a) mention year, name of the guide and subject area (b) A letter of recommendation from the previous guide should be directly sent by the guide to the academy</b>	NO		
<b>Are you now in receipt any other fellowship: Yes/No. If Yes: Specify name of the fellowship and year</b>			
NO			
<b>Training / projects undertaken, if any (give details)</b>			
1) Completed course on "Introduction to IoT and Embedded Systems" by University of California. 2) Completed course on "Cloud Computing Basics". 3) Completed course on "Python Programming" by University of Michigan. 4) Completed course on "Computer Networking" in NITK			
<b>Extra-curricular activities, if any</b>			

1) Participated in "Bharat Darshan" which is dance competition among the students in NITK as representation of their own state and culture. 2) Joined Yoga club in my college. 3) An active NEP member of "Web Enthusiasts' Club" in NITK.

#### Any other information

Exploring existing knowledge to uncover fresh insights and envisioning unique perspectives is the essence of research. My dream is to engage in a research project, investigating well-known concepts with the aim of deriving innovative outcomes. The idea of delving into a familiar domain and producing novel results truly captivates me. My aspiration is to pursue a Direct Ph.D., M.Tech, or M.S. in the future. Regrettably, I haven't yet encountered the ideal platform to fulfill this dream. I am actively seeking such an opportunity, and I believe that this fellowship program could be the perfect platform for me to embark on this research journey.

**Suggested dates convenient for the applicant to work**

Apr To Jun

**Work Suggest**

Academy

**A write-up (not exceeding 150-250 words) as to the specific area of interest of the applicant and what he/she would like to learn and achieve through this fellowship. It can also include the specific experiment or theory that the applicant wants to work on but NOT a general description of the area.**

My principal area of interest lies in the field of "The Internet of Things and Cloud Computing". I want to explore IOT in much more depth using the latest concepts of computer networking and cloud computing. This fellowship program is the perfect opportunity for me to get a deeper insight into IoT and to understand the application of cloud computing and edge computing in the field of IoT. I have previously worked on IOT development platforms like Arduino and interacted with cloud platforms like Google Cloud and have utilized them in my Temperature and Humidity Monitoring Weather Station project. This project also gave me a brief introduction to cloud computing models and IOT security. I wish to explore the real-world applications of cloud computing in the IoT. I would like to work on projects that use IOT for real-world monitoring tasks like soil monitoring and water quality monitoring, which basically monitor the parameters of a system and issue notifications whenever fulfillment is necessary. This project showcases the practical integration of IoT sensors and cloud technology for effective environmental monitoring and data analysis. The IAS SRFP fellowship program will be very beneficial to me for pursuing a direct Ph.D., M.Tech., or M.S. later on.

**Declaration:** I affirm that the information given above is correct. I have carefully read all the "Instructions to Applicants" given under SRFP-2024 as mentioned on the websites of the three Academies and shall abide by the same.

**Place:**

**Name:**

**Date:**

**Signature:**