



Council of Science & Technology, U.P.

9, Nabiullah Road, Suraj Kund Park,

Lucknow-226 018

Webportal: www.cst.up.gov.in

No: CST/E&T/D-632

Date : 31 /07/2024

To,

Mr. Dinesh Kumar Nishad (Principal Investigator)

Assistant Professor,

Department of Electrical Engineering,

Institute of Engineering & Technology,

Dr. Shakuntala Mishra National Rehabilitation University,

Mohaam Road, **Lucknow- 226017 U.P.**

Sub: Sanction letter for the research project entitled "**Application of Unmanned Aerial Vehicle (UAV) for Visibility Improvement by Fog Dispersal**" (PID-3406)

Dear Sir,

This is with reference to above mentioned research project submitted to the Council of Science & Technology U.P. (CSTUP) for financial assistance. This is to inform you that CSTUP has sanctioned the above project with financial support of Rs. **12.72 lakh** under the following heads for the period of **02 years**: -

	1st Year (in lacs)	2nd year (in lacs)	3rd Year (in lacs)	Total (in lacs)
RA/SRA (Rs.28000/- per month) for three years. (BE/B.Tech/M.Tech)	3.36	3.36	0.00	6.72
Prototype Development	1.50	1.50	0.00	3.00
Contingencies including Consumable and travel	1.50	1.50	0.00	3.00
Total	6.36	6.36	0.00	12.72

In continuation to the above, necessary action may be taken for the appointment of research staff sanctioned in the above project as per institution/university norms. However, educational qualification, age and residential eligibility of the selected research staff must be as per R&D guidelines given in the booklet, "**General Information and Guidelines for Award of Research Assistantship & Grant-in-aid Regulations 1988**", a copy of which is available on CSTUP's webportal. The details of the selected research staff and commencement of the project (**Annexure-1**) are required to be furnished to the CSTUP **within 03 months** from the date of this letter. The approval for the appointment of research staff shall be given by the competent authority of the institution/university for which the project is sanctioned. The duration of the project shall be counted from the date of joining of the research staff in the project.

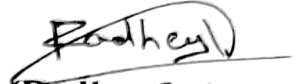
The Principal Investigator must ensure the followings: -

1. Institutional Ethical Clearance & Bio-safety Committee's Certificate or the waiver (as applicable) shall be submitted to the CSTUP before the start of the project.
2. Work carried out under the project is original & not duplication. If so found, CSTUP reserves the right to abandon the project immediately and in that case institution/university shall return any grant released in the project by CSTUP.
3. The institution/university shall be responsible to complete the project within the sanctioned grant; no additional grant shall be given by CSTUP. If due to any reason, there is an increase in the amount for completion of the proposed research work, such additional amount shall be borne by the institution/university.
4. No overhead charges shall be deducted from the grant by the institution/university.
5. Equipments purchased in the research projects shall be maintained & used by the institution/university for the R&D purpose only during and after of the project period and proper record of the same shall be maintained by the institution/university as per their store purchase rules. However, CSTUP has sole right to get back or transfer the equipments to other institution/university for research purpose after the completion of the project period.
6. Publications of the research results are to be made after exploring the possibility of IPR/Patent protection.
7. Patent or any other IPR, if any, shall be in the joint names of CSTUP & institution/university
8. Results of the research work must be published in peer reviewed/quality journals with due acknowledgment to CSTUP & a copy of each publication shall be submitted to CSTUP for record.
9. The prototype development under CSTUP funded research projects shall be the joint property of CSTUP & institution/university and the same shall be kept in the premises of the institution/university. Proper acknowledgement to CSTUP should be given during use or further development of the prototype. Principal Investigator shall provide the write-up/know how of the prototype developed to CSTUP.
10. In view of extending societal benefit of the scientific/ R&D work, the P.I. should plan field visits of research staff associated with the project to nearby villages/locality or schools/colleges, if required.
11. Progress report in accordance with the objectives of the project may kindly be sent to CSTUP in prescribed format within stipulated time for speedy action.
12. Project shall be completed within the stipulated time period and final report including one page of summary of outcomes/deliverables in Hindi & English shall be submitted to CSTUP alongwith other documents mentioned in the R&D guidelines.
13. The points not mentioned in this sanction letter shall be followed as given in **"General Information and Guidelines for Award of Research Assistantship & Grant-in-aid Regulations 1988"** (R&D Guidelines).
14. The bank account details/account mandate form of the institution/university duly signed by the authority shall be sent to CSTUP.

A copy of this sanction letter signed by Principal Investigator, Co-investigators & Head of the institution/university (VC/Director/Principal/Registrar) shall be sent to CSTUP as an acknowledgement and acceptance of the terms & conditions at the earliest.

Encl: As above.

Yours Sincerely,


(Radhey Lal)
Joint Director

Copy forwarded for information and necessary action to:

1. **Vice-Chancellor**, Dr. Shakuntala Mishra National Rehabilitation University, Mohaan Road, **Lucknow- 226017 U.P.**
2. **Registrar**, Dr. Shakuntala Mishra National Rehabilitation University, Mohaan Road, **Lucknow- 226017 U.P.**
3. **Director**, IET, Dr. Shakuntala Mishra National Rehabilitation University, Mohaan Road, **Lucknow- 226017 U.P.**
4. **Dr. Dinesh Kumar Nishad**, Assistant Professor, **HoD**, Department of Electrical Engineering, **HoD**, Deptt of Electrical Engg, IET, Dr. Shakuntala Mishra National Rehabilitation University, Mohaan Road, **Lucknow- 226017 U.P.**
5. **Mr. Vinay Kumar Singh**, Assistant Professor, **(Co-PI)**, Deptt of Electronics & Communication Engg, IET, Dr. Shakuntala Mishra National Rehabilitation University, Mohaan Road, **Lucknow- 226017 U.P.**
6. **Dr. Saifullah Khalid**, Sr. Manager (ATM), **(Co-PI)**, Civil Aviation Research Organization (CARO), AAI R&D Centre, CCSI Airport, Lucknow-226009
7. **Mr. Dharmendra Prakash**, Sr. Manager (ATM), **(Co-PI)**, Civil Aviation Research Organization (CARO), AAI R&D Centre, CCSI Airport, Lucknow-226009


(Radhey Lal)
Joint Director



डॉ. शकुन्तला मिश्रा राष्ट्रीय पुनर्वास विश्वविद्यालय, लखनऊ
Dr. Shakuntala Misra National Rehabilitation University, Lucknow

उत्तर प्रदेश सरकार, लखनऊ
मोहान रोड, लखनऊ, उत्तर प्रदेश 226 017
दूरभाष संख्या 0522-2999862, 63, 2998380, 81, 82
वेबसाइट : <http://dsmru.up.nic.in>

पत्रांक-1195/फा0सं0-1751 / DSMNRU / B.Tech / 2024-25

दिनांक-27 सितम्बर, 2024

सेवा में,

श्री राधे लाल,
संयुक्त निदेशक,
CST U.P.

विषय:- डॉ0 शकुन्तला मिश्रा राष्ट्रीय पुनर्वास विश्वविद्यालय के अभियांत्रिकी एवं प्रौद्योगिकी संस्थान में कार्यरत श्री दिनेश कुमार निषाद, सहायक आचार्य, (संविदा) को प्राप्त प्रोजेक्ट (PID-3406) के सम्बन्ध में।

महोदय

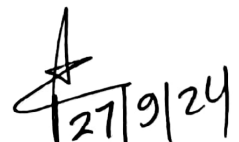
कृपया आप अपने कार्यालय के पत्रांक सं0 CST/E&T/D-632 दिनांक 31.07.2024 का सन्दर्भ ग्रहण करने का कष्ट करें, जिसके माध्यम से CST U.P. द्वारा डॉ0 शकुन्तला मिश्रा राष्ट्रीय पुनर्वास विश्वविद्यालय के अभियांत्रिकी एवं प्रौद्योगिकी संस्थान में कार्यरत श्री दिनेश कुमार निषाद, सहायक आचार्य, (संविदा) को "application of Unmanned Aerial Vehicle (UAV) for Visibility Improvement by Fog Dispersal" (PID-3406) से सम्बन्धित प्रोजेक्ट प्राप्त कराया गया है।

उक्त प्राप्त प्रोजेक्ट से सम्बन्धित प्रपत्र एवं विश्वविद्यालय के खाता से सम्बन्धित विवरण अंकित कर आपको पत्र के साथ संलग्न कर अग्रिम प्रेषित किया जा रहा है, विश्वविद्यालय के खाता सम्बन्धित विवरण निम्नवत् है:-

Account Name	Bank Name	Account No.	IFSE Code	MICR Code
Dr. Shakuntala Misra National Rehabilitation University, Lucknow.	Bank Of Baroda Mohaana Road Lucknow	36510100000025	BARB0MOHAAN	226012032

अतः आपसे अनुरोध है कि आपके द्वारा श्री दिनेश कुमार निषाद, सहायक आचार्य, (संविदा) को प्राप्त कराये गये प्रोजेक्ट "application of Unmanned Aerial Vehicle (UAV) for Visibility Improvement by Fog Dispersal" (PID-3406) से सम्बन्धित विवरण प्राप्त कर अग्रिम कार्यवाही करने का कष्ट करें।


संलग्नक:- यथोक्त


(डॉ0 अमित कुमार राय)
कुलसचिव

पृष्ठांक संख्या एवं संलग्नक उपरोक्तानुसार।

प्रतिलिपि:- निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित-

- 01 मा0 कुलपति महोदय को सादर अवलोकनार्थ।
- 02 वित्त अधिकारी, विश्वविद्यालय।
- 03 गार्ड फाइल।


(डॉ0 अमित कुमार राय)
कुलसचिव

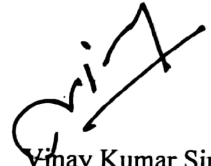
To,
The Joint Director
CSTUP, Lucknow
(UP)

Subject: Regarding acceptance of terms & conditions of CSTUP (PID-3406)

IET, Dr. Shakuntala Misra National Rehabilitation University agrees to undertake the sanctioned project in accordance with the terms and conditions specified in the sanction letter provided by CSTUP. This shall be treated as Memorandum of Agreement between CSTUP and IET-DSMNRU for the sanctioned project letter no. CST/E&T/D-632.



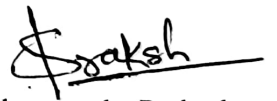
Dinesh Kumar Nishad
Assistant Professor (Contract)
Principal Investigator



Vinay Kumar Singh
Assistant Professor (Contract)
Co- Investigator



Dr. Saifullah Khalid
(Co-investigator)



Dharmendra Prakash
(Co-investigator)



Registrar
कुलसचिव
श्री. शकुन्तला मिश्रा
DSMNRU, Lucknow विश्वविद्यालय
संस्थापक