Criteria 3- Research, Innovations and Extension

Key Indicator 3.1- Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the department during the year (INR in Lakhs)

3.1.3 Number of departments having Research projects funded by government and non government agencies during the year

2021-22

Sr No	Research Project Grant	Pg No
1	Calibration system for Nuclear Spectroscopy Applications	3
2	Development of Methodology for Indian Evaluated Nuclear Data Library for Applications in S&	5
3	Climate, Air Pollution and Forest Fires : AI based models for Indian case study	7
4	"AI based statistical analysis of pollution due to land and ocean plastic waste in India	8
5	Forecasting of Carbon Emissions due to Meat Industry	9

Vivekanand Education Society's
Institute of Technology
(Affiliated to University of Mumbai, Approved by AICTE & Recognised by Govt. of Maharashtra)
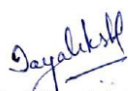
Dr. (Mrs.) J. M. Nair
M. Tech., Ph.D. (IIT-B)
Principal

Ref. No.: VESIT/ JMN | 1325 | 2023-24

Date : 26|10|2023

TO WHOM SO IT MAY CONCERN

I, Dr. (Mrs.) Jayalekshmi M Nair, Principal (HOI), Vivekanand Education Society's Institute of Technology, do hereby state that the documents uploaded on NAAC portal are duly signed by Principal (HOI).

The additional documents uploaded on Institute's website (https://vesit.ves.ac.in/) are also authentic and does not need any extra validation.

Dr. (Mrs) Jayalekshmi M Nair
Principal
Vivekanand Education Society's Institute of Technology
Hashu Advani Memorial Complex,
Collector's Colony
Chembur, Mumbai, Maharashtra 400074

Vivekanand Education Society's
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Since 1962

Calibration system for Nuclear Spectroscopy Applications

Vivekanand Education Society's
Institute of Technology
(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Since 1962
V.E.S.

Payment Received

1 message

<bankalerts@kotak.com>   Mon, 5 Sep, 2022 at 6:39 pm
Reply to: bankalerts@kotak.com
To: AJIT.PATIL@ves.ac.in

Dear Customer ,

INR 1800000 has been credited to your account XX9534 on 05-SEP-22 via RTGS transaction received from INDIAN INSTITUTE OF INFORMATION TEC, vide Unique Transaction Reference number (UTR) CNRBR52022090589294625.

Details of the transaction:
AMOUNT :   INR 1800000
SENDER :   INDIAN INSTITUTE OF INFORMATION TEC
SENDER BRANCH IFSC :   CNRB0002762
UNIQUE TRANSACTION REFERENCE NUMBER (UTR) : CNRBR52022090589294625
DATE OF CREDIT :   05-SEP-22

After credit of the transaction amount, balance in your account is as below:

AVAILABLE BALANCE: INR 1942001.00

For any queries, please call our 24 Hrs Customer Contact Centre at our toll free number*- 1860 266 2666 or use **Mail** link after logging into Net Banking.(*Click here, if the toll free numbers are not supported by your service provider)

Warm Regards

KOTAK BANK

Development of Methodology for Indian Evaluated Nuclear Data Library for Applications in S& T

Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

BRNS Secretariat,316/C,
3rd Floor, BARC,
Trombay, Mumbai-400085

No: 51/14/07/2019-BRNS/ 3 6083

Date: 10/07/2019

OFFICE MEMORANDUM

Sub: **R/P entitled "Development of Methodology for Indian Evaluated Nuclear Data Library for applications in S & T" under Dr.(Mrs.) Jayalekshmi M Nair, Principal, V.E.S. Institute of Technology, MUMBAI, Maharashtra, 400074. bearing sanction 51/14/07/2019-BRNS with NPP, BRNS.**

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval and sanction of the President of India for the captioned project for **3 years** beginning from financial year 2019-2020 with a total grant of Rs. 17,81,276/- (Rupees seventeen lakh eighty one thousand two hundred seventy six only) for the project as under :

Item of expenditure	Year 1 (2019-2020)	Year 2 (2020-2021)	Year 3 (2021-2022)
Equipments	44500	0	0
Staff Salary - JRF (1)	372000	372000	420000
Technical Assistance	30000	30000	30000
Consumables	20000	20000	20000
Travel - PI	20000	20000	20000
Contingencies	50000	50000	50000
Overheads	36488	33150	36750
Total(INR)	**572988**	**525150**	**576750**

Note: * Opti 5050 MT intel I5

JRF salary calculated @31,000/- p.m. for first two years and on re-designation by committee on in third year as SRF @ 35000/- p.m. vide OM no. 10/1(21)/2014/Fellowship/R&D-II/5739 dated 03/05/2019.

Please note that as per the government orders under Direct Benefit Transfer (DBT)scheme, the staff salary has to be transferred to his/her bank account. Accordingly, Aadhar Number(UID) of the appointed staff, Bank Account details and the Mobile number linked to the bank account should be obtained and it should be intimated to this office.

Overheads is calculated @ 7.5% of all other heads except contingency. The remaining 7.5% overheads i.e. (Rs. 1,06,388/-) shall be released only on meeting the requirements specified (See Annex-B).

2. I am also pleased to convey the sanction of the President of India to incur an expenditure of **Rs. 5,72,988/-** (Rupees five lakh seventy two thousand nine hundred eighty eight only) towards grant for the year 2019-2020 .

3. The expenditure involved is debitable to: **04 3401 00 004 27 0231.**

4. This is issued with the concurrence of the competent authority in the Department.

Ashok K Bandyey 22.7.2019
Program Officer, BRNS
Programme Officer
Board of Research in Nuclear Sciences,
Department of Atomic Energy,
BRNS Secretariat, 3rd Floor, CFB
B.A.R.C., Trombay, Mumbai - 400085

Pay & Accounts Officer,
DAE, Mumbai - 400 001.

e) An inventory of equipment and the copy of Purchase order of equipments costing more than 1 Lakh.

D. At the end of Terminal Year the Settlement Grant and the Balance 7.5% Overheads will be released on fulfillment of the following requirements:

    a) Claim Form-II if any,

    b) The final Consolidated Statement of Accounts (SA) and Consolidated Utilization Certificate duly audited by an external Chartered Accountant or the Statutory (Govt.) Auditor. It is mandatory to include the amount of bank interest earned on the grant released into the SA.

    c) Final Consolidated Progress Report and a brief report as per format given in Form-VII .

5. AAO (Cheque), DAE, Anushakti Bhavan, CSM Marg, Mumbai - 400 001 – With a request that the amount granted for the first year of the project may be released.
6. Member Secretary,CDP-1:NPP, BRNS: Shri Vinod. V. SO/G, ETHD, FRTG, IGCAR, Kalpakkam – 603102
7. Co-Investigator (CI) : Mrs. Sangeetha Prasanna Ram, VESIT, Chembur, Mumbai, Email : sangeeta.prasannaram@ves.ac.in, Mobile :9819782500
8. Project Collaborator (PC): Dr. Gayatri Mohanto, NPD, BARC, Email : gayatrimohanto@gmail.com, Mobile :2225596173Dr. Bidyut Roy, BARC, Email : bjroy@barc.gov.in, Mobile :2225593457

You or your nominee may please be the DAE representative for selection of Research Fellow/ Research Associate for the project.

Pandey 22-7-2019

Program Officer, BRNS

Note:

1. Please quote the Sanction Number 51/14/07/2019-BRNS in all your correspondence with BRNS

Ashok K. Pandey
Programme Officer
Board of Research in Nuclear Sciences,
Department of Atomic Energy,
BRNS Secretariat, 3rd Floor, CFB
B.A.R.C., Trombay, Mumbai - 400085

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V.E.S.

Climate, Air Pollution and Forest Fires : AI based models for Indian case study.

10/13/21, 1:50 PM   Welcome to Vivekanand Education Society Mail - Microsoft AI for Earth Grant Decision ID:00138000738

Ashwin Pansare <2019ashwin.pansare@ves.ac.in>

Microsoft AI for Earth Grant Decision ID:00138000738

AI for Earth Grant Support <ai4ehelp@microsoft.com>   Wed, Oct 13, 2021 at 7:07 AM
To: Ashwin Pansare <2019ashwin.pansare@ves.ac.in>

AI for Earth

Dear Ashwin Pansare,

Congratulations, and welcome to the AI for Earth community! We are excited to share that your application for the project titled "Climate, Air Pollution and Forest fires : AI based models for Indian case study." has been selected for an AI for Earth Microsoft Azure Compute Grant. Through this award, you will receive a sponsored Microsoft Azure account. We are granting you credits for Azure consumption up to $5000 USD, to be utilized within one year.

By accepting this award, you agree to the following terms:

- You will use Microsoft Azure credits awarded through this program only towards the project described in the application form.
- Microsoft will add you and your team members to resources including the AI for Earth grantee community website, AI for Earth grantee Microsoft Teams group, and digital events.
- You will submit a mid-term report and a final report according to AI for Earth guidelines.
- Microsoft may contact you and use materials that you submit for public communications.

Please accept this grant within one week of receiving this email by clicking "Accept Your Grant" on your grant portal home page. We will respond when you accept with next steps to access the onboarding webinar, sponsored Azure credits, and education resources.

Warmly,

Bonnie Lei
AI for Earth Grants Manager

Vivekanand Education Society's
Institute of Technology
(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Since 1962

"AI based statistical analysis of pollution due to land and ocean plastic waste in India"

Lifna C S <lifna.cs@ves.ac.in>

Fwd: Microsoft AI for Earth Grant Decision ID:00138000747
1 message

Sharmila Sengupta <sharmila.sengupta@ves.ac.in>   Thu, Nov 25, 2021 at 10:04 PM
To: Lifna C S <lifna.cs@ves.ac.in>

"AI based statistical analysis of pollution due to land and ocean plastic waste in India"
Thanks and Regards,
Dr. Sharmila Sengupta,
Associate Professor,
Computer Engineering Department,
Vivekanand Education Society's Institute of Technology,
Chembur-74.

---------- Forwarded message ---------
From: **AI for Earth Grant Support** <ai4ehelp@microsoft.com>
Date: Wed, Oct 13, 2021 at 7:15 AM
Subject: Microsoft AI for Earth Grant Decision ID:00138000747
To: Sharmila Sengupta <sharmila.sengupta@ves.ac.in>

AI for Earth

Dear Sharmila Sengupta,

Congratulations, and welcome to the AI for Earth community! We are excited to share that your application for the project titled "AI based statistical analysis of pollution due to land and ocean plastic waste in India" has been selected for an AI for Earth Microsoft Azure Compute Grant. Through this award, you will receive a sponsored Microsoft Azure account. We are granting you credits for Azure consumption up to $15000 USD, to be utilized within one year.

By accepting this award, you agree to the following terms:

- You will use Microsoft Azure credits awarded through this program only towards the project described in the application form.
- Microsoft will add you and your team members to resources including the AI for Earth grantee community website, AI for Earth grantee Microsoft Teams group, and digital events.
- You will submit a mid-term report and a final report according to AI for Earth guidelines.
- Microsoft may contact you and use materials that you submit for public communications.

Please accept this grant within one week of receiving this email by clicking "Accept Your Grant" on your grant portal home page. We will respond when you accept with next steps to access the onboarding webinar, sponsored Azure credits, and education resources.

Warmly,

Bonnie Lei
AI for Earth Grants Manager

Vivekanand Education Society's
Institute of Technology
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Since 1962

Forecasting of Carbon Emissions due to Meat Industry

Lifna C S <lifna.cs@ves.ac.in>

Fwd: Microsoft AI for Earth Grant Decision ID:00138000838
1 message

Sunita Sahu <sunita.sahu@ves.ac.in>   Tue, Oct 19, 2021 at 12:48 PM
To: Nupur Giri <nupur.giri@ves.ac.in>, Gresha Bhatia <gresha.bhatia@ves.ac.in>
Cc: Richa Sharma <richa.sharma@ves.ac.in>, Lifna C S <lifna.cs@ves.ac.in>, Sharmila Sengupta <sharmila.sengupta@ves.ac.in>

---------- Forwarded message ----------
From: **Parth Wadke** <d2019.parth.wadke@ves.ac.in>
Date: Tue, 19 Oct, 2021, 10:44 am
Subject: Fwd: Microsoft AI for Earth Grant Decision ID:00138000838
To: Richa Sharma <richa.sharma@ves.ac.in>, <sunita.sahu@ves.ac.in>

---------- Forwarded message ----------
From: **AI for Earth Grant Support** <ai4ehelp@microsoft.com>
Date: Mon, Oct 18, 2021 at 10:40 PM
Subject: Microsoft AI for Earth Grant Decision ID:00138000838
To: Parth Wadke <d2019.parth.wadke@ves.ac.in>

AI for Earth

Dear Parth Wadke,

Congratulations, and welcome to the AI for Earth community! We are excited to share that your application for the project titled "Forecasting of Carbon Emissions due to Meat Industry" has been selected for an AI for Earth Microsoft Azure Compute Grant. Through this award, you will receive a sponsored Microsoft Azure account. We are granting you credits for Azure consumption up to $15000 USD, to be utilized within one year.

By accepting this award, you agree to the following terms:

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Please accept this grant within one week of receiving this email by clicking "Accept Your Grant" on your grant portal home page. We will respond when you accept with next steps to access the onboarding webinar, sponsored Azure credits, and education resources.

Warmly,

Bonnie Lei
AI for Earth Grants Manager