

FILE NO. CRD/2020/000284  
**Science & Engineering Research Board (SERB)**  
AISTDF Secretariat

5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Plot No. A, Community Centre  
Sector-B, Pocket-5, Vasant Kunj  
New Delhi-110070

Dated: 11-Aug-2021

**ORDER**

Sanction of the competent authority is hereby accorded for implementation of ASEAN-India Collaborative research project entitled "Environmental Monitoring in Underground Mines using Sensor-enabled Internet of Things" for a total amount of Rs. 870000/- (Rs. Eight Lakh Seventy Thousand Only) for period of 2 years from the date of issue of this sanction order.

The composition of the project team(s) is as below:

**INDIA**

**Lead PI**

Dr. Arindam Biswas  
Kazi Nazrul University  
Nazrul Road, Kalla Bypass More, P.O.Kalla C.H., P.S. Asansol (North), Dist.Burdwan, Pin- 713340, West Bengal ,  
Nazrul Road, Kalla Bypass More, P.O.Kalla C.H., P.S. Asansol (North), Dist.Burdwan, Pin- 713340, West Bengal, WEST  
BENGAL-713340

**Other Participant**

Mr. Sanjoy Gorain  
Kazi Nazrul University Nazrul Road; Kalla Bypass More; P.O. Kalla C.H.; P.S. Asansol (North); District - Paschim  
Bardhaman, West Bengal, Pin - 713340

**ASEAN MS-1**

**Lead PI**

Dr. Anand Nayyar  
Duy Tan University 254 Nguyen Van Ling Street Duy Tan University Da Nang 550000, Viet Nam

**ASEAN MS-2**

**Lead PI**

Dr. Noor Zaman Jhanjhi  
Taylors University School of Computer Science and Engineering Taylors University Jalan Taylors 1 Subang Jaya  
Selangor Malaysia

The break-up of estimated expenditure is as indicated below-



**1. Mobility budget:**

Year : 1

Name	Source Country	Destination Country	No. of Days	Airfare, Visa Fee etc	Accommodation, per-diem etc	Total Amount
Mr. Sanjoy Gorain	India	Malaysia	14	50000	84000	134000
Dr. Anand Nayyar	Vietnam	India	14	65000	84000	149000
Dr. Arindam Biswas	India	Vietnam	14	65000	84000	149000

Year : 2

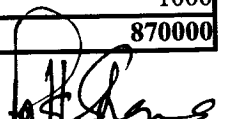
Name	Source Country	Destination Country	No. of Days	Airfare, Visa Fee etc	Accommodation, per-diem etc	Total Amount
Dr. Arindam Biswas	India	Malaysia	14	50000	84000	134000
Dr. Noor Zaman Jhanjhi	Malaysia	India	14	50000	84000	134000
Mr. Sanjoy Gorain	India	Vietnam	14	65000	84000	149000

## 2. Research Grant

S. No	Head	Year-I	Year-II	Total Budget Sanctioned (in INR)
<b>A</b>	<b>Non-recurring (Capital Items)</b>			
1	Equipment	0	0	0
	<i>Total - Non - recurring grant</i>			0
<b>B</b>	<b>Recurring Items</b>			
1	Manpower ( )	0	0	0
2	Consumables	10000	10000	20000
3	Contingencies	0	0	0
4	Other Cost	0	0	0
	<i>Total (Manpower, Consumables, Contingencies, Other Cost)</i>			20000
<b>C</b>	<b>Overhead Expenses ( 5% of Non-travel expenses)</b>	500	500	1000
	<b>Total cost of the project (Without Travel)</b>	10500	10500	21000

## 3. Overall Budget:

S. No	Head	Year-I	Year-II	Total Budget Sanctioned (in INR)
<b>A</b>	<b>Non-recurring (Capital Items)</b>			
1	Equipment	0	0	0
	<i>Total - Non- recurring grant</i>			0
<b>B</b>	<b>Recurring Items</b>			
1	Manpower ( )	0	0	0
2	Consumables	10000	10000	20000
3	Travel (Domestic and International)	432000	417000	849000
4	Contingencies	0	0	0
5	Other Cost	0	0	0
	<i>Total-I (Travel - Domestic and International)</i>			849000
	<i>Total-II (Manpower, Consumables, Contingencies, Other Cost)</i>			20000
<b>C</b>	<b>Overhead Expenses ( 5% of Non-travel expenses)</b>	500	500	1000
	<b>Total cost of the project</b>	442500	427500	870000



Sanction of the competent authority is also accorded for the release of **Rs. 442500/- (Rupees Four Lakh Forty Two Thousand Five Hundred only)** as first year grant.

The release of this grant is subject to:-

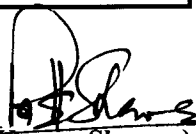
1. The change/ replacement of project participant(s) is NOT permitted during the currency of the project duration.
2. The addition of "other project participant" (PhD students) sanctioned under the project is required to be added ONLINE at ePPMS before incurring any expenditure on payment of salary to the appointed PhD student.
3. Re-appropriation of funds from one sub-head to another is NOT permitted.
4. The participating scientists should be working on the project and affiliated with the Institute/University holding the indicated position at the time of start of the project as well as at the time of undertaking international visits under the project.
5. The project grant can be utilized only for the sanctioned activities /visits of project participants, as mentioned above.
6. Obtaining prior approval of the AISTDF Secretariat for all project related visit(s) to be undertaken by the scientist(s) from the either side in connection with the implementation with of this project, separately through online system ([aistic.gov.in](http://aistic.gov.in)), at-least 4 weeks in advance before incurring any expenditure for this purpose. The project based visits must be planned in a way that the duration/ period of each visit don't over-lap with other visit from same country.
7. Submission of Utilization Certificate (UC) and a Statement of Expenditure (SE) along with up-to-date progress report at the end of each financial year for the grants already received under the project and seeking specific approval of this Department for carry forward of unspent funds to the next financial year for utilisation under the project
8. The international / domestic air-travel pertaining to visits under this project is to be performed by lowest economy class by shortest route.
9. The grantee Institute/University shall maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The Interest earned should be reported to AISTDF Secretariat while submitting the SE/UC. The Interest thus earned will be treated as a credit to the institute to be adjusted towards further instalment of grant.
10. The accounts of the grantee institution shall be open to inspection by the sanctioning authority /audit whenever the institution is called upon to do so, as laid down under Rule 211 of General Financial Rules.

The expenditure involved is to be debited "Grant-in-Aid" sub-head of the ASEAN-India Science & Technology Development Fund (AISTDF) during the current financial year 2021-22.

The Sanction has been issued to Kazi Nazrul University, Nazrul Road, Kalla Bypass More, P.O.Kalla C.H., P.S. Asansol (North), Dist.Burdwan, Pin- 713340, West Bengal with the approval of the competent authority under delegated powers on **07 August, 2021** and vide Diary No. **SERB/F/2192/2021-2022** dated **10 August, 2021**

The release amount of **Rs. 442500/- (Rupees Four Lakh Forty Two Thousand Five Hundred only)** will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	KAZI NAZRUL UNIVERSITY-AISTDF
Account Number	920010021413997
Bank Name & Branch	AXIS BANK PURBASJA BANQUET HALL, APURBA COMPLEX, APCAR GARDEN, SEN RALEIGH ROAD, ASANSOL, WEST BENGAL, 713304
IFSC/RTGS Code	UTIB0000150
Email id of A/C Holder	fo@knu.ac.in
Email id of PI	mailarindambiswas@yahoo.co.in

  
(Raj Kumar Sharma)  
Scientist-F & Member Secretary(AISTDF)

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1. The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate,  
Delhi-110002
2. Sanction Folder, SERB , New Delhi.
3. File Copy

**Dr. Arindam Biswas**  
**Mining Engineering**  
**Kazi Nazrul University**  
**Nazrul Road, Kalla Bypass More, P.O.Kalla C.H., P.S. Asansol (North),**  
**Dist.Burdwan, Pin- 713340,West Bengal , Nazrul Road, Kalla Bypass More,**  
**P.O.Kalla C.H., P.S. Asansol (North), Dist.Burdwan, Pin- 713340,West**  
**Bengal, WEST BENGAL-713340**  
**Email: mailarindambiswas@yahoo.co.in**  
**Mobile: 919932311710**

- Director/Registrar**
5. **Kazi Nazrul University, Nazrul Road, Kalla Bypass More, P.O.Kalla C.H.,**  
**P.S. Asansol (North), Dist.Burdwan, Pin- 713340,West Bengal**

(Receipt of Grant may be intimated by name to the undersigned)



**(Raj Kumar Sharma)**  
Member Secretary(AISTDF)

Close

Send Sanction Letter to DDO

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