

RW/NH-12013/27/6/2010/SP(C/1)/P-9/Lot-I
Government of India
Ministry of Road Transport & Highways
(EAP Section)
Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated 20th January, 2022

(Job No. RP/JNTU, Anantapur/S&R(P&B)/2021-22/03)

Technical Note

1.	Name of work	:	Research proposal on 'Utilization of Natural Rubber in Road Construction' by Jawaharlal Nehru Technological University, Anantapur (JNTUA) - reg..
2.	Estimated Cost (in Rs. lakh)	:	175.23 lakh (Rs. One Crore Seventy-Five lakhs twenty-three thousand only)
3.	Reference	:	Emails dated 05.11.2021 from Prof. G. RangaJanardhan, Vice-Chancellor, JNTUA, Jawaharlal Nehru Technological University Anantapur.

COMMENTS

1. **Objective & Scope of the Work:** Literature Review on Indian and International best practices on 'Utilization of Natural Rubber in Road Construction' including relevant Codes/Guidelines of Indian Road Congress (IRC)/IS (IRC:SP:53, IRC:SP:107, IS:17079 etc.) and International Standards, Codes of Practice, Specifications, Specifications, guidelines, etc. (AASHTO, ASTM, Euro Codes and British Codes)

- Feasibility & Inception Report on 'Utilization of Natural Rubber in Road Construction' in Indian geographical/climatic conditions.
- To evaluate basic rheological properties of natural rubber modified bitumen
- To evaluate resistance to permanent deformation at upper PG-temperature of NRMB using Dynamic Shear Rheometer (DSR)
- To evaluate resistance against cracking at intermediate PG-temperature of NRMB using Dynamic Shear Rheometer (DSR)
- To carry out Multiple Stress Creep Recovery (MSCR) on NRMB for evaluating non-recoverable creep compliance
- To carry out Linear Amplitude Sweep (LAS) test on NRMB for evaluating corresponding fatigue resistance
- To evaluate resistance against low-temperature thermal cracking using Bending Beam Rheometer (BBR) or Direct Tension Test (DTT)
- To evaluate mixing and compaction temperatures of NRMB using DSR based on steady shear flow procedure or phase angle procedure
- To carry out Marshall mix-design methods for optimizing the binder-content
- To determine mechanical properties such as resilient modulus and indirect tensile strength
- To carry out indirect tensile fatigue test (ITFT) for assessing the cracking resistance of NRMB mixes
- To evaluate moisture-resistance of NRMB mixes in terms of indirect tensile strength
- To evaluate the performance of NRMB overlay-pavements with an overlay thickness of 30mm, 40mm, and 50mm
- To back-calculate the resilient modulus (MR) of NRMB overlay using Falling Weight Deflectometer (FWD)

- To develop performance equations for rutting and fatigue cracking of NRMB overlays.
2. **Time Schedule:** The proposed duration to carry out the research project is 4 years.
 3. **Methodology & Milestone Table:** The methodology and the activities of the project are described in Table 1 below.

Table 1: Activities of the Project and corresponding Milestones

Methodology & Milestone Table

S No.	Time frame (in months)	Activities	Milestone
Phase 1: Literature Review, Feasibility & Inception Report			
1.	Year - 1 1 st half	i. Literature Review on Indian and International best practices on 'Utilization of Natural Rubber in Road Construction' including relevant Codes/Guidelines of Indian Road Congress (IRC)/IS (IRC:SP:53, IRC:SP:107, IS:17079 etc.) and International Standards, Codes of Practice, Specifications, Specifications, guidelines, etc. (AASHTO, ASTM, Euro Codes and British Codes) ii. Feasibility & Inception Report on 'Utilization of Natural Rubber in Road Construction' in Indian geographical/climatic conditions.	M-1
Phase 2: Research Work			
2.	Year - 1 2 nd half to Year - 2 Qtr -1	Procuring Equipment	M-2
3.	Year - 2 Qtr - 2, 3 & 4	Binder Characterization	M-3
4.	Year - 2 Qtr - 4 to Year - 3 Qtr 2	Mix Characterization	M-4
5.	Year - 3 Qtr - 3	Collaboration with IIT Tirupati for construction of test sections	M-5
6.	Year - 3 Qtr - 3 to Year - 4 Qtr 2	Monitoring the performance of overlays for repeated truck axle load repetitions	M-6
7.	Year 2 Qtr - 2 to Year - 4 Qtr - 3	Analysis of results and papers	M-7
8.	Year - 1 to Year - 4	Report Preparation	M-8

Note: The collaboration with IIT Tirupati is to be done by JNTUA on its own.

4. **Deliverables and Payment:** The payment would be released in installment based on milestones/deliverables. The details and abstract are as follows:

(a) Abstract is as under:

Sr. no.	Item/Head	Quantity	Financial requirement (in Rs Lakhs)
1.	One JRF	1	16.8
2.	Laboratory Equipment		
	i. Automatic Electric Saw	1	5.91
	ii. Brookfield viscometer	1	12
	iii. Dynamic shear rheometer	1	34.6
	iv. FTIR	1	16
	v. Heavy duty Aggregate Sieve shaker	1	5.07
	vi. Ignition Oven (non-nuclear asphalt content gauge)	1	15
	vii. Moisture induced Stress Tester	1	15
	viii. Pressure ageing vessel	1	14.73
	ix. Rolling thin film oven	1	3.49
	x. Superpave Gyrotory Compacter	1	27.63
	xi. High shear mixers (8000rpm)	1	5
	xii. Hiring charges of equipment such as Portable FWD and Wheel weigh pads (lump sum)	-	2
	xiii. Laying of trial patches for accelerated testing at IIT, Tirupati (Lump sum)	-	2
	Total Cost of the Project		175.23

(b) Deliverables and Payment: The payment would be released in installment based on milestones/deliverables. The details are as follows:

Sl. No.	Deliverable of Research Proposal	Payment (Cumulative) as % of the total project cost
1.	At the start of project	5%
2.	After completion of M-1	75%
3.	After Completion of M-3	80%
4.	After Completion of M-5	90%
5.	After Completion of M-7	95%
6.	Upon submission of Final Report	100%

5. Phasing of Work:

Financial Year	Cumulative Progress	
	Physical	Financial (Rs in Lakhs)
2021-22	5%	8.75
2022-23	75%	131.50
2023-24	80%	140.00
2024-25	95%	166.50
2025-26	100%	175.23

REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

(Santosh Prakash)
Executive Engineer, S&R
For Director General (Road Development) & SS

FILE NO. EEQ/2019/000186
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 14-Nov-2019

ORDER

Subject: Financial Sanction of the research project titled "**Implementation of IoT Security Solutions for Health Care Monitoring Systems**" under the guidance of Dr. Gannera Mamatha, Electronics and communication engineering, Jawaharlal Nehru Technological University, Off anantapur bangalore road, Anantapur, Andhra pradesh-515002 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 2125520/- (Rs. Twenty One Lakh Twenty Five Thousand Five Hundred and Twenty Only) with break-up of Rs. 544000/- under Capital (Non-recurring) head and Rs. 1581520/- under General (Recurring) head for a duration of 24 months. The items of expenditure for which the total allocation of Rs. 2125520/- has been approved are given below:

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> WiFi routers -> FPGA Development Board -> Healthcare Sensors -> IoT Controllers -> High-end Laptop	544000
A'	Total (Non-Recurring)	544000
B	Recurring Items	
1	Recurring - I. (Manpower) Recurring - II : (Consumables, Travel, Contingencies, Other Cost) Recurring - III : Scientific Social Responsibility	803520 550000 35000
2	Recurring - IV : (Overhead Charges)	193000
B'	Total (Recurring)	1581520
C	Total cost of the project (A' + B')	2125520

2. Sanction of the SERB is also accorded to the payment of Rs. 544000/- (Rupees Five Lakh Forty Four Thousand only) under 'Grants for creation of capital assets' and Rs. 811000/- (Rupees Eight Lakh Eleven Thousand only) under 'Grants-in-aid General' to PRINCIPAL, Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC)

4. The Sanction has been issued to Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road with the approval of the competent authority under delegated powers on 13 November, 2019 and vide Diary No. SERB/F/6593/2019-2020 dated 13 November, 2019

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

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11. The release amount of Rs. 1355000/- (Rupees Thirteen Lakh Fifty Five Thousand 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.

PFMS Unique Code	APAN7803
Account Name	PRINCIPAL(By Designation)
Account Number	10428782192
Bank Name & Branch	STATE BANK OF INDIA JNTUEC Branch 2723, Sir Moksha Gunda Visweswaraiah Road, Ananthapuramu, Andhra Pradesh 515002
IFSC/RTGS Code	SBIN0002723
Email id of A/C Holder	principal.cea@jntua.ac.in
Email id of PI	mamathasashi@gmail.com

12. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. EEQ/2019/000186 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

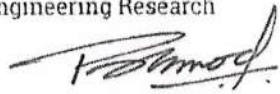
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.



(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

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
4.	Dr. Gannera Mamatha Electronics and communication engineering Jawaharlal Nehru Technological University, Off anantapur bangalore road, Anantapur, Andhra pradesh-515002 Email: mamathasashi@gmail.com Mobile: 919490446399 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	PRINCIPAL, Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road (Receipt of Grant may be intimated by name to the undersigned)


REGISTRAR
J.N.T.U. Anantapur
ANANTAPUR, ANDHRA PRADESH 515002


(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

FILE NO. EMR/2017/003336
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 02-Nov-2018

ORDER

Subject: Financial Sanction of the research project titled "**Nanoparticle Enhanced Phase Change Material Microcapsules/Fibers for Advanced Energy Storage and Allied Applications**" under the guidance of Dr. Puchalapalli DineshSankar Reddy, Chemical Engineering, Jawaharlal Nehru Technological University, Off anantapur bangalore road, Anantapur, Andhra pradesh-515002 and by Dr. Hemachandra Reddy K, Professor, Mechanical, Jawaharlal Nehru Technological University - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3035880/- (Rs. Thirty Lakh Thirty Five Thousand Eight Hundred and Eighty Only) with break-up of Rs. 1200000/- under Capital (Non-recurring) head and Rs. 1835880/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3035880/- has been approved are given below:

The following budget may be considered for Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Multi Point Temperature Indicator -> Ultrasonic probe Sonicator -> Experimental setup for charging and discharging -> Dual pump nanofiber electrospinning unit -> Viscometer -> RTD Thermocouples -> Heat Exchanger -> Magnetic Stirrer with Heating Plate -> Constant Temperature bath	1200000
A'	Total (Non-Recurring)	1200000
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	936000 675000
2	Recurring - III : (Overhead Charges)	224880
B'	Total (Recurring)	1835880
C	Total cost of the project (A' + B')	3035880

2. Sanction of the SERB is also accorded to the payment of Rs. 1200000/- (Rupees Twelve Lakh only) under 'Grants for creation of capital assets' and Rs. 611950/- (Rupees Six Lakh Eleven Thousand Nine Hundred and Sixty only) under 'Grants-in-aid General' to Principal, Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Core Research Grant. (PAC Chemical and Environmental Engineering)

4. The Sanction has been issued to Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road with the approval of the competent authority under delegated powers on 26 October, 2018 and vide Diary No. SERB/F/8867/2018-2019 dated 01 November, 2018

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.


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10. The release amount of Rs. 1811960/- (Rupees Eighteen Lakh Eleven Thousand Nine Hundred and Sixty 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	Development Fee Account, Principal, JNTUACEA
Account Number	10428782192
Bank Name & Branch	State Bank of India The Manager, State Bank of India, GEC JNTUEC Branch, Ananthapuramu - 515002
IFSC/RTGS Code	SBIN0002723
Email id of A/C Holder	principal.cea@jntua.ac.in
Email id of PI	pdsreddy@gmail.com

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2017/003336 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

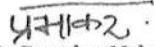
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

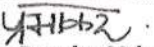
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. Pravakar Mohanty)
Scientist
ms_ce@serbonline.in

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
4.	Dr. Puchalapalli DineshSankar Reddy Chemical Engineering Jawaharlal Nehru Technological University, Off anantapur bangalore road, Anantapur, Andhra pradesh-515002 Email: pdsreddy@gmail.com Mobile: 919491461980 Dr. Hemachandra Reddy K Mechanical Jawaharlal Nehru Technological University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Principal, Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Pravakar Mohanty)
Scientist
ms_ce@serbonline.in


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

Science and Engineering Research Board
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

FILE NO. EMR/2017/002355

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 26-Nov-2018

ORDER

Subject: Financial Sanction of the research project titled "**Synthesis of Nanozeolites and Development of Highly Stable Mixed Matrix Membranes (MMM) for Dehydration of Hydrazine Hydrate via Pervaporation**" under the guidance of Prof. Satyanarayana Venkata Suggala, Chemical Engineering, Jawaharlal Nehru Technological University, Off anantapur bangalore road, Anantapur, Andhra pradesh-515002 and by Dr. Puchalapalli DineshSankar Reddy, Associate Professor, Chemical Engineering, Jawaharlal Nehru Technological University and by Dr. Dilip Kumar Behera, Assistant Professor, Chemical Engineering, Jawaharlal Nehru Technological University - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 3278880/- (Rs. Thirty Two Lakh Seventy Eight Thousand Eight Hundred and Eighty Only)** with break-up of **Rs. 1400000/- under Capital (Non-recurring) head** and **Rs.1878880/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3278880/-** has been approved are given below:

The following budget may be considered for **Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment	1400000
	-> Stainless steel Pervaporation Endurance unit	
	-> Oil bath with necessary parts	
	-> Vacuum Controllers	
	-> Temperature controllers	
	-> Rotary Evaporator	


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ANANTAPURAMU-515002

	-> Dispersion equipment -> Teflon lined stainless steel auto clave -> Vacuum Furnace -> Magnetic Heating Plates -> Circulating bath -> Ultrasonic Cleaning Equipment -> Double stage Vacuum pump -> Thin Film Coater (Vacuum)	
A'	Total (Non-Recurring)	1400000
B	Recurring Items	
1	Recurring - I : (Manpower)	936000
	Recurring - II : (Consumables, Travel, Contingencies)	700000
2	Recurring - III : (Overhead Charges)	242880
B'	Total (Recurring)	1878880
C	Total cost of the project (A' + B')	3278880

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 1400000/-** (Rupees Fourteen Lakh only) under 'Grants for creation of capital assets' and **Rs. 626293/-** (Rupees Six Lakh Twenty Six Thousand Two Hundred and Ninety Three only) under 'Grants-in-aid General' to **The Principal, Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debit to **Fund for Science & Engineering Research (FSER)**

This release is being made under Core Research Grant. (PAC Chemical and Environmental Engineering)

4. The Sanction has been issued to Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road with the approval of the competent authority under delegated powers on **26 October, 2018** and vide Diary No. **SERB/F/8868/2018-2019** dated **01 November, 2018**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.


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J.N.T.U. Anantapur
ANANTAPURAMU-515002

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 2026293/- (Rupees Twenty Lakh Twenty Six Thousand Two Hundred and Ninety Three 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	Development Fee Account, Principal, JNTUACEA
Account Number	10428782192
Bank Name & Branch	State Bank of India The Manager, State Bank of India, GEC JNTUEC Branch, Ananthapuramu - 515002
IFSC/RTGS Code	SBIN0002723
Email id of A/C Holder	principal.cea@jntua.ac.in
Email id of PI	svsatya7@gmail.com

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2017/002355 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Pravakar Mohanty)

Scientist

ms_ce@serbonline.in

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
4.	Prof. Satyanarayana Venkata Suggala Chemical Engineering Jawaharlal Nehru Technological University , Off anantapur bangalore road, Anantapur, Andhra pradesh-515002 Email: svsatya7@gmail.com Mobile: 919849509167 Dr. Puchalapalli DineshSankar Reddy Chemical Engineering Jawaharlal Nehru Technological University Dr. Dilip Kumar Behera Chemical Engineering Jawaharlal Nehru Technological University


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J.N.T.U. Anantapur
ANANTAPURAMU-515002

(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)

5. **The Principal,
Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road**

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

(Dr. Pravakar Mohanty)

Scientist

ms_ce@serbonline.in


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002



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

Dr. Debanik Roy
Programme Officer (NRFCC)

BRNS Secretariat, 1st Floor,
CC, BARC, Trombay,
Mumbai-400085 Phone:
+91-2225593946
Fax: 2225593946
Email: deroy@barc.gov.in

14 MAY 2016

No: 36(4)/14/19/2015-BRNS/

10068-

Date: 28/03/2016

OFFICE MEMORANDUM

Sub: R/P entitled "Spatial distribution of uranium and associated water quality parameters in groundwater /drinking wat" under Dr. S.V. Satyanarayana, Department of Chemical Engineering, JNTUA College of Engineering, Anantapur, A.P.-515 002 bearing sanction 36(4)/14/19/2015-BRNS with NRFCC, BRNS.

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am directed to convey the administrative approval and sanction of the President of India for the captioned project for the 2 years beginning from financial year 2015-2016 with a total grant of Rs. 26,94,300/- (Rupees twenty six lakh ninety four thousand three hundred only) for the project as under :

Item of expenditure	Year 1	Year 2
	(2015-2016)	(2016-2017)
Equipments	1050000	0
Staff Salary - JRF	300000	300000
Technical Assistance	96000	96000
Consumables	80000	80000
Travel - PI	140000	140000
Contingencies	35000	35000
Overheads	124950	46200
Total(INR)	1825950	697200

Note: *

JRF salary calculated @25,000/- p.m. for first two years and on redesignation by committee on in third year as SRF @ 28,000/- p.m. RA salary calculated @ 36,000/- p.m.

Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads (Rs. 1,71,150/-) shall be released only on meeting the requirements specified (See Annex-B).

- I am also directed to convey the sanction of the President of India to incur an expenditure of Rs. 18,25,950/-
- towards grant for the year 2015-2016 .
- The expenditure involved is debitale to: 04 3401 00 004 08 0231
- This issues with the concurrence of Scientific Secretary, BRNS and IFA.

Debanik B

Dr. Debanik Roy

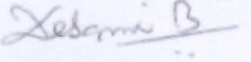
Pay & Accounts Officer, DAE, Mumbai-400 001.

Copy forwarded to:

- Director of Audit, Scientific Department, AEAP, OYC, CSM Marg, Mumbai-400 001.

H H
REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

5. AAO (Bills II), 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 (NRFCC) : Dr. Vivekanand Kain, MSD, BARC, Mumbai- 400 085.
 7. Co-Investigator (CI) :Dr. G.V. Subba Reddy, Professor & Head, Department of Chemistry, JNTUA, College of Engineering, MUddanur Road, Pulivendula, Y/sr, Kadapa, A.P.- 516 390
 8. Project Collaborator (PC): 1. Dr. A. Vinod Kumar, RSSD, BARC-400 085.
Co-PC : Shri B.K. Rana, ESL, HPD, Tummalapalle
Member Secretary, TSC-4, NRFCC: Dr. A. Vinod Kumar, RSSD, BARC-85
- You or your nominee may please be the DAE representative for selection of Research Fellow/ Research Associate for the project.


Dr. Debanik Roy

Note:

1. Please quote the Sanction Number 36(4)/14/19/2015-BRNS in all your correspondence with BRNS.
2. All the forms mentioned in the sanction letter and the terms & conditions are also available on the website. Kindly update Statement of Accounts, details of Equipment and staff in the menu available on the leftside when view application is clicked. The renewal/extension forms and scanned copy of duly signed financial documents (SA, UC & claim) also needs to be uploaded to get grant for subsequent years. Kindly verify that the data given in your profile is correct.


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002



DR endt.
Ks

Ph:08554-272437
Fax:08554-272437
Mobile: 9908088806
Email:registrar@jntua.ac.in

AR/S
d
Supd/

PROCEEDINGS OF THE
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
(Established by Govt. of A.P., ACT No.30 of 2008)
ANANTHAPURAMU - 515 002 (A.P) INDIA

Proc.No.A1/UGC XII Plan/2016-17

Date: 06.12.2016

- Sub: JNTUA, Ananthapuramu - R & D - Innovative Research Programme
Proposals - Sanction of funds under UGC XII Plan - Orders - Issued.
Read: 1. Application of Dr.B.Dilip Kumar. Asst.Prof. in Chemical Engg.,
JNTUA, CEA.
2. Note orders of the Vice-Chancellor dt.05.12.2016.

ORDER:

With reference to the letter cited (1) above, Dr.B.Dilip Kumar, Asst. Prof. of Chemical Engineering, JNTUA College of Engineering, Ananthapuramu as Principal Investigator and Dr.P.Dinesh Shankar Reddy, Assoc. Prof. of Chemical Engg., as Co-investigator have applied for Innovative Research Project titled. "Physicochemical Studies of $TiO_2/Fe_2O_3/ZnO$ Heterostructure Assemblies for Electrochemical Water Splitting/Dye Degradation Application" under UGC XII Plan (Innovative Research Grant). Accordingly the Hon'ble Vice-Chancellor constituted a Committee to examine the allocation of funds for Innovative Research Programme proposals under UGC XII Plan.

Based on the recommendations of the Committee the Hon'ble Vice-Chancellor is sanction the funds Rs.1,20,000/- (Rupees one lakh and twenty thousand only) to Dr.B.Dilip Kumar, Asst.Prof. of Chemical Engineering, JNTUA College of Engineering, Ananthapuramu as Principal Investigator & Dr.P.Dinesh Shankar Reddy, as Co-investigator as shown in the Annexure.

The above said grant will be issued at the beginning of the project to Dr.B.Dilip Kumar, Asst.Prof.of Chemical Engg., JNTUA- CEA. The Project Investigator to submit the utilization certificate along with project report before 31st March, 2017.

The above expenditure may be met from the Innovative Research Projects under UGC XII Plan R & D Funds of the University.

For REGISTRAR

Encl: Annexure

To

- Dr.B.Dilip Kumar, Principal Investigator through the Principal, JNTUA CE, Ananthapuramu
Copy to Dr.P.Dinesh Shankar Reddy, Co-investigator through the Principal, JNTUA-CEA
Copy to the Principal, JNTUA CE, Ananthapuramu
Copy to PA to V.C., Rector, Registrar
Copy to DR (Acct.) & D.R (Estt.), JNTUA, Ananthapuramu
Copy to file

REGISTRAR
J.N.T.U. Anantapur
ANANTHAPURAMU-515002

(P.T.O)

Science and Engineering Research Board
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

FILE NO. EMR/2017/002355

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 26-Nov-2018

ORDER

Subject: Financial Sanction of the research project titled "**Synthesis of Nanozeolites and Development of Highly Stable Mixed Matrix Membranes (MMM) for Dehydration of Hydrazine Hydrate via Pervaporation**" under the guidance of Prof. Satyanarayana Venkata Suggala, Chemical Engineering, Jawaharlal Nehru Technological University, Off anantapur bangalore road, Anantapur, Andhra pradesh-515002 and by Dr. Puchalapalli DineshSankar Reddy, Associate Professor, Chemical Engineering, Jawaharlal Nehru Technological University and by Dr. Dilip Kumar Behera, Assistant Professor, Chemical Engineering, Jawaharlal Nehru Technological University - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 3278880/- (Rs. Thirty Two Lakh Seventy Eight Thousand Eight Hundred and Eighty Only)** with break-up of **Rs. 1400000/- under Capital (Non-recurring) head** and **Rs.1878880/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3278880/-** has been approved are given below:

The following budget may be considered for **Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment	1400000
	-> Stainless steel Pervaporation Endurance unit	
	-> Oil bath with necessary parts	
	-> Vacuum Controllers	
	-> Temperature controllers	
	-> Rotary Evaporator	


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

	-> Dispersion equipment -> Teflon lined stainless steel auto clave -> Vacuum Furnace -> Magnetic Heating Plates -> Circulating bath -> Ultrasonic Cleaning Equipment -> Double stage Vacuum pump -> Thin Film Coater (Vacuum)	
A'	Total (Non-Recurring)	1400000
B	Recurring Items	
1	Recurring - I : (Manpower)	936000
	Recurring - II : (Consumables, Travel, Contingencies)	700000
2	Recurring - III : (Overhead Charges)	242880
B'	Total (Recurring)	1878880
C	Total cost of the project (A' + B')	3278880

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 1400000/-** (Rupees Fourteen Lakh only) under 'Grants for creation of capital assets' and **Rs. 626293/-** (Rupees Six Lakh Twenty Six Thousand Two Hundred and Ninety Three only) under 'Grants-in-aid General' to **The Principal, Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debit to **Fund for Science & Engineering Research (FSER)**

This release is being made under Core Research Grant. (PAC Chemical and Environmental Engineering)

4. The Sanction has been issued to Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road with the approval of the competent authority under delegated powers on **26 October, 2018** and vide Diary No. **SERB/F/8868/2018-2019** dated **01 November, 2018**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 2026293/- (Rupees Twenty Lakh Twenty Six Thousand Two Hundred and Ninety Three 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	Development Fee Account, Principal, JNTUACEA
Account Number	10428782192
Bank Name & Branch	State Bank of India The Manager, State Bank of India, GEC JNTUEC Branch, Ananthapuramu - 515002
IFSC/RTGS Code	SBIN0002723
Email id of A/C Holder	principal.cea@jntua.ac.in
Email id of PI	svsatya7@gmail.com

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2017/002355 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Pravakar Mohanty)

Scientist

ms_ce@serbonline.in

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
4.	Prof. Satyanarayana Venkata Suggala Chemical Engineering Jawaharlal Nehru Technological University , Off anantapur bangalore road, Anantapur, Andhra pradesh-515002 Email: svsatya7@gmail.com Mobile: 919849509167 Dr. Puchalapalli DineshSankar Reddy Chemical Engineering Jawaharlal Nehru Technological University Dr. Dilip Kumar Behera Chemical Engineering Jawaharlal Nehru Technological University


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)

5. **The Principal,
Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road**

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

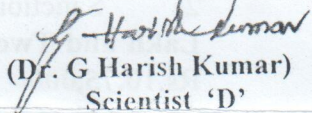
(Dr. Pravakar Mohanty)

Scientist

ms_ce@serbonline.in

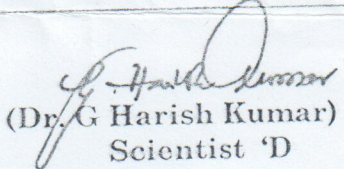

REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
7. While providing operational flexibility among various subheads under head General -A, it should be ensured that not more than Rs. 1.5 Lakh each should be spent for travel and contingency.
8. The total release amount of **Rs.24,00,000/- (Rs. Twenty Four Lakhs Only)** will be drawn by the Drawing and Disbursing Officer, SERB and will be disbursed by means of cheque/DD favoring to **"The Registrar, Jawaharlal Nehru Technological University Anantapur, College of Engineering, Anantapur - 515002, A.P."** and will be sent to **The Registrar, Jawaharlal Nehru Technological University Anantapur, College of Engineering, Anantapur - 515002, A.P."**
9. As per Rule 211 GFRs, the accounts of the project shall be open to inspection by the sanctioning authority / audit whenever the Institute is called upon to do so.
10. The Institute will furnish to the SERB, New Delhi, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
11. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project.
12. **The Institute will maintain separate audited accounts for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest. The interest earned should be reported to SERB, New Delhi. The interest thus earned will be treated as a credit to the Institute to be adjusted towards further installment of the grant.**
13. The sanctioned equipments would be procured as per GFR 2005 and its disposal would be procured as per GFR and its disposal
14. As this is the first grant being released for the project, no previous U/C is required
15. After completion if the project balance if any to be refunded to SERB as DD in favor of **"Fund for Science & Engineering Research"** at the earliest.


(Dr. G Harish Kumar)
Scientist 'D'

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	Copy with two spare copies of the sanction to the Drawing & Disbursing Officer SERB, New Delhi.
3	Pay Accounts Officer, SERB, New Delhi
4	Sanction Folder, SERB, New Delhi
5	File Copy
6	Dr. D. Zarena, Assistant Professor, Dept. of Physics, Jawaharlal Nehru Technological University Anantapur, College of Engineering, Anantapur - 515002, A.P.
7	The Registrar, Jawaharlal Nehru Technological University Anantapur, College of Engineering, Anantapur - 515002, A.P.


(Dr. G Harish Kumar)
Scientist 'D'

FNo. SB/SO/BB-0014/2013
Science and Engineering Research Board
(SERB)

Technology Bhavan,
New Mehrauli Road,
New Delhi – 110016
Dated 17/10/2013

ORDER

SUBJECT: Financial Sanction of the research project titled "Structure and function of novel antimicrobial peptides by biophysical and spectroscopic techniques." under supervision of Dr. D. Zarena, Assistant Professor, Dept. of Physics, Jawaharlal Nehru Technological University Anantapur, College of Engineering, Anantapur – 515002, A.P.

Sanction of the Science and Engineering Research Board (SERB) is hereby accorded to the above-mentioned project at a total cost of **Rs.44,75,000/- (Rs. Forty Four Lakhs and Seventy Five Thousand Only)** with break-up of **Rs.13,25,000/- under Capital head and Rs.31,50,000/- under General head** for a duration of Three Years. The items of expenditure for which the total allocation of **Rs.44,75,000/- (Rs. Forty Four Lakhs and Seventy Five Thousand Only)** has been approved for a period of Three Years are given below:

Sl.No.	Head	Total (In Rupees)
A	Non-recurring (Capital Items)	
	Incubator Shaker, Laboratory Refrigerated 2° C to 8° C, Ultra Freezer, Cold Cabinet, Refrigerated Centrifuge, Low Freezer	Rs.13,25,000/-
A'	Total (Capital)	Rs.13,25,000/-
B	Recurring Items (General)	
1	General - A (Manpower, Consumables, Travel, Contingency)	Rs.26,50,000/-
2	General - B (Over Heads Charges)	Rs.05,00,000/-
B'	Total(General)	Rs.31,50,000/-
C	Total cost of the project (A'+B')	Rs.44,75,000/-

2. Sanction of the SERB is also accorded to the payment of **Rs.13,25,000/- (Rs. Thirteen Lakh and Twenty Five Thousand Only)** under "Grants for creation of Capital Assets" and **Rs.10,75,000/- (Rs. Ten Lakhs and Seventy Five Thousand Only)** under "Grant-in-aid General" to The Registrar, Jawaharlal Nehru Technological University Anantapur, College of Engineering, Anantapur – 515002, A.P., being the First grant for the year 2013-14 for implementation of the said research project.

3. The expenditure involved is debitable to

Grant-in-aid for the year 2013-2014 (Plan Expenditure - Capital) – Rs. 13,25,000/-
&
Grant-in-aid for the year 2013-2014 (Plan Expenditure - General) – Rs.10,75,000/-

This release is made under Science & Engineering.

4. The Sanction has been issued with the approval of competent authority under delegated powers and vide Diary No. SERB/F/4490/ 2013-2014 dated 11/10/2013.

5. Sanction of the grant is subject to the conditions as detailed in Annexure –

Contd.....2/

23236351, 23232701, 23237721, 23234116
23235733, 23232317, 23236735, 23239437



विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

F. No. 42-17/2013 (SR)

The Under Secretary (FD-III)
University Grants Commission
New Delhi-110002

12/12/2013

Sub:- UGC support for the Major Research Project in Physical Sciences, Bio-Sciences, Maths, Medical, Agricultural Sciences and Engineering & Chemistry to University/College Teachers – Project entitled, “Characterization of (-1, 1) nonassociative rings”

Sir,

I am to refer to your letter forwarding the application of Dr. K. Jayalakshmi of your institution for financial assistance under the above scheme and to convey the Commission's approval & sanction on an account grant of Rs. 6,03,800/- (Rupees: six lakh three thousand eight hundred only) to the Registrar, Jawaharlal Nehru Technological University, Anantapur-515002, AP in r/o Major Research Project of Dr. K. Jayalakshmi, Department of Maths for the period of 3 years w.e.f. 1.4.2013 as detailed below:-

S.No	ITEMS	AMOUNT APPROVED	GRANT RELEASED AS 1st INSTALMENT	Category
A.	Non - Recurring		1,60,000/-	GEN
1.	Books & Journals	70,000/-		
2.	Equipment (PC with accessories, software)	90,000/-		
B.	Recurring		4,43,800/-	
1.	Honorarium to Retd. Teacher @ Rs. 12, 000/- p.m.	nil		
2.	Project Fellow @14,000/- p.m. for initial 2 years and Rs. 16,000/- p.m. from the third year onwards.	5,28,000/-		
3.	Chemical/ Glassware / Consumable	nil		
4.	Hiring Services	80,000/-		
5.	Contingency	90,000/-		
6.	Travel/Field Work	50,000/-		
7.	Special Need	nil		
8.	Overhead Charges @ Rs. 10% approved recurring Grant (Except Travel & Field Work)	69,800/-		
	Total (A + B)	9,77,800/-	6,03,800/-	

The acceptance Certificate in prescribed format (Annexure-I available on the UGC web-site) may be sent to the undersigned within one month from the issue of the award letter failing which the project may be treated as cancelled.

If the terms & conditions are acceptable, as per guideline which are available on UGC web-site www.ugc.ac.in the Demand Draft/ Cheque being sent may be retained. Otherwise the same may be returned in original to the UGC by Registered Post in variably with in 15 days from the receipt of the Demand Draft/Cheque in favour of Secretary, UGC, New Delhi.

Principal Investigators should ensure that the statement of expenditure & utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the University Grants Commission in time.

The first instalment of the grant shall comprise of 100% of the Non -Recurring including Over Head Charges, and 50% of the total Recurring grant.


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002


1. The sanctioned amount is debitable to the Major Head 4 (i) a (31) Rs. 4,43,800/- & 4 (i) a (35) Rs. 1,60,000/- and is valid for payment during financial year 2012-13.
2. The amount of the Grant shall be drawn by the Under Secretary (drawing and Disbursing Office), University Grants Commission on the Grants-in-aid Bill and shall be disbursed to and credited to the University/College, **Jawaharlal Nehru Technological University, Anantapur-515002, AP** through Cheque/Demand Draft/ Mail Transfer.
3. The Grants is subject to the adjustment of the basis of Utilization Certificate in the prescribed performa submitted by the University/Colleges/institution.
4. The University/College shall maintain proper accounts of the expenditure out of the grants which shall be utilized only on approved items of expenditure.
5. The Utilization Certificate of the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the University Grants Commission as early as possible after the close of the current financial year.
6. The assets acquired wholly or substantially out of University Grant Commission's grant shall not be disposed or encumbered or utilized for the purposes other than those for which the grant was given, without proper sanction of the University Grants Commission and should, at any time the College/University ceased in function such assets shall revert to the University Grant Commission.
7. A Register of assets acquired wholly or substantially out of the grant shall be maintained by the University/College in the prescribed form.
8. The grantee institution shall ensure the utilization of grant-in-aid for which it is being sanctioned/paid. In case non-utilization/part utilization, the simple interest @ 10% per annum as amended from time to time on unutilized amount from the date of draw to the date of refund as per provisions contained in General Financial Rules of Govt. of India will be charged.
9. The interest earned by the University/College/Institute on this grants in aid shall be treated as additional grant and may be shown in the Utilization Certificate/Statement of expenditure to be furnished by grantee institution.
10. The University/College/Institute shall follow strictly all the instructions issued by the Government of India from time to time with regard to reservation of posts for Scheduled Castes/Scheduled Tribes/OBC/PH etc.
11. The University/College shall fully implement to Official Language Policy of Union Govt. and comply with the Official Language Act, 1963 and Official Languages (Use for Official purposes of the Union) Rules, 1978 etc.
12. The sanction issues in exercise of the delegation of powers vide Commission Office Order No. 25/92 dated May 01, 1992.
13. An amount of Rs. ----- out the grant of Rs. ----- sanctioned vide letter No. F. 42-17/2013 (SR) dated has been utilized by University/College/Institution for the purpose for which it was sanctioned. Utilization Certificate for Rs. ----- has already been entered at S. No. ----- now we may enter Utilization Certificate for Rs. ----- S. No. ----- and in the U. C. Registrar at page No. -----.
14. It is also certified from the B.C.R. that the funds are available under the scheme. Entered in BCR at S.No. 2692/2. The above grant is sanctioned against the budget provision of Rs. during the current financial year leaving a balance of Rs. ----- under the head of Account 4 (i) a (31) Rs. 4,43,800/- & 4 (i) a (35) Rs. 1,60,000/-
15. The funds to the extent are available under the Scheme.
16. The University/Institution/College is strictly following the UGC regulations on curbing the menace of ragging in Higher Educational Institutions, 2009.

— s.d. —
(Dr. (Mrs.) Urmila Devi)
Joint Secretary

Copy forwarded for information and necessary action for:-

1. The Registrar, **Jawaharlal Nehru Technological University, Anantapur-515002, AP**, Acknowledgement for the receipt of DD / Cheque / Mail Transfer for Rs. 6,03,800/- may be sent to the Under Secretary, Finance Division III, UGC,
2. **Dr. K. Jayalakshmi**, Principal Investigator, Department of Mathematics **Jawaharlal Nehru Technological University, Anantapur, 515002, AP**
3. office of the Director General of Audit, Central Revenues, A. G. C. R. Building, I. P. Estate, New Delhi.
4. The Registrar.


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002


(Pramod Sharma)
Section Officer



UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002
GEN

FD Diary No. 4360

Dated : 25.05.2016

June 2016

F.No.42-17/2013 (SR)

The Under Secretary (FD-III)
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi - 110002

Sub: Release of Grant-in aid to **Jawaharlal Nehru Technological University, Anantapur- 515002 Andhra Pradesh** for the year 2016-17 under plan in respect of Major Research Project entitled "**Characterization.....rings**" awarded to **Dr. K. Jayalakshmi, Department of Mathematics**, tenure of project from **01.04.2013 to 31.03.2017**.

Sir,

I am directed to convey the sanction of the University Grants Commission for payment of grant of **Rs. 2,73,536/- (Rupees Two lakh seventy three thousand five hundred thirty six only)** as 2nd installment for the year 2016-17 towards Major Research Project to **The Registrar, Jawaharlal Nehru Technological University, Anantapur- 515002 Andhra Pradesh** for the plan expenditure.

I am also directed to say that the tenure of the above project has been extended by the UGC upto 31.03.2017 without any additional financial assistance for the extended period.

Name of the Item	Amount Allocated	Head of Account	Grant now Being Sanctioned	Grant already Released	Total Grant
Books & Journal	70,000/-	3.A(56).35	.....	70,000/-	70,000/-
Equipment	90,000/-		.....	90,000/-	90,000/-
Honorarium	.....	3.A(56).31	.....	.....	.....
Project fellow	4,86,400/-		1,73,760/-	2,64,000/-	4,37,760/-
HRA	48,640/-		43,776/-	.....	43,776/-
Chemicals	.....		.....	.....	.....
Contingency	90,000/-		36,000/-	45,000/-	81,000/-
Hiring Services	80,000/-		.....	40,000/-	40,000/-
Travel/field work	50,000/-		20,000/-	25,000/-	45,000/-
Overhead Charges	69,800/-		.....	69,800/-	69,800/-
Additional Grant	20,378/-*		.....	.....	.....
Total	10,05,218/-			2,73,536/-	6,03,800/-	8,77,336/-

* Interest will be adjustment on Final Stage.

1. The sanctioned amount is debit able to **Major Research Project head Sector 3.A(56).31** and is valid for payment during the financial year **2016-17** only.


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

2. The amount of the Grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to **The Registrar, Jawaharlal Nehru Technological University, Anantapur- 515002 Andhra Pradesh** through Electronic mode as per the following details:-

(a)	Bank Name & Address of Branch	ING Vysya Bank, Bhanu Gudi Branch, Door No. 2-13-B, Brindavan road, Srinagar, Kakinada, East Godavari, Andhra Pradesh
(b)	Account No	738010077025
(c)	Type of Account : SB /Current /Cash Credit	SB
(d)	IFSC Code	VYSA0007380
(e)	MICR Code	533064003
(f)	Whether Bank Branch is RTGS or NEFT enabled : RTGS / NEFT /Both	YES
(g)	Name & Address of Account Holder	The Registrar, Jawaharlal Nehru Technological University, Anantapur- 515002 Andhra Pradesh

3. The Grant is Subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University / Institution.
4. The University / Institution shall maintain proper accounts of the expenditure out of the Grants, which shall be utilized, only on the approved items of expenditure.
5. The University / Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions / guidelines there under from time to time.
6. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to UGC as early as possible after the close of current financial year.
7. The assets acquired wholly for substantially out of University Grants Commission's Grant shall not be disposed or encumbered or utilized for the purposes other than those for which the grants waayanands given without proper sanction of the UGC and should at any time the University ceased to function, such assets shall revert to the University Grants Commission.
8. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed proforma.
9. The grantee institution shall ensure the utilization of grants-in-aid for which it is being sanctioned / paid. In case of non-utilization / part utilization thereof, simple interest @ 10% per annum, as amended from time to time on the unutilized amount from the date of drawal to the date of refund as per provisions contained in General Financial Rules of Govt. of India, will be charged.
10. The University / Institutions shall follow strictly the Government of India / UGC guidelines regarding implementation of the reservation policy [both vertical (for SC, ST & OBC) and horizontal (for persons with disability etc.)] in teaching and non-teaching posts.
11. The University / Institution shall fully implement the Official Language Policy of Union Government and comply with the Official Language Act, 1963 and Official Languages (Use for Official Purposes of the Union) Rules, 1976 etc.


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

12. The sanction is issued in exercise of the delegation of powers vide UGC Order No. 69/2014 [F.No.10-11/12 (Admn. IA & B)] dated 26/3/2014.
13. The University / Institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions, 2009.
14. The University / Institution shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).
15. The accounts of the University / Institution will be open for audit by the Comptroller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.
16. The annual accounts i.e. balance sheet, income and expenditure statement and statement of receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.
17. The grantee institution shall remit the amount of grants-in-aid and/or interest through e-mode (RTGS/NEFT) directly to UGC account as per following bank details:-

Account Holder	Secretary, UGC, New Delhi-110 002
Name of Bank & Address	Canara Bank, UGC Office, New Delhi-110 002
A/C No.	8627101002122
Type of A/C	Savings
IFSC Code	CNRB0008627
MICR Code	110015170

18. An amount of **Rs. 6,03,800/-** out the grant of **Rs. 6,03,800/-**..... Sanctioned vide letter No. **F. No. 42-17/2013 (SR)** dated **12-03-2013** has been utilized by University/College/Institution for the purpose for which it was sanctioned. Utilization Certificate for **Rs NIL.....** has been entered at S. No..... now we may enter Utilization Certificate for **Rs... 6,03,800/-**S. No. **343**. and in the U.C. Register at page No. **89**....
19. Funds to the extent of Rs are available under the scheme or BE / RBE of the year 2016-17.
20. These issues with the concurrence of IFD vide **Diary No. 7327 (IFD) dated 25.01.2016**.
21. This issues with the approval of Joint Secretary (MRP) vide **Diary No. 46858 dated 11.02.2016** and **revalidated for the financial year 2016-17 with the approval of the Chairman, UGC vide Diary No. 58242 dated 28.04.2016**.

Your faithfully,

(G.S. AULAKH)
UNDER SECRETARY

Copy forwarded for information and necessary action for :-

1. **The Registrar, Jawaharlal Nehru Technological University, Anantapur- 515002 Andhra Pradesh**
2. Office of The Registrar, General of Audit, Central Revenues, AGCR Building, I.P. Estate, New Delhi.
3. Accountant General, State Govt. of **Andhra Pradesh, Amravati.**
4. **Dr. K. Jayalakshmi, Department of Mathematics, Jawaharlal Nehru Technological University, Anantapur- 515002 Andhra Pradesh**
5. Guard file.

(ARUN KUMAR SINHA)
(SECTION OFFICER)

48
REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

DST/TMD/MES/2K16/108(G)
Government of India
Ministry of Science and Technology
Department of Science and Technology
(Technology Mission Division)

Technology Bhawan
New Mehrauli Road
New Delhi-110 016
Date: 02.06.2017

Sanction Order

Subject: Financial support for project entitled "Design & development of Solar dish concentrator with thermal storage options for electricity generation" by submitted by Dr K. Hemachandra Reddy, Department of Mechanical Engineering, JNTUA College of Engineering, JNT University - Ananthapuramu, Andhra Pradesh.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs. 55,16,500/- (Rupees Fifty five Lakh Sixteen Thousand Five Hundred Only)** for a duration of 3 years. The detailed breakup of the grant for General as well as Capital Components is given below:-

General Component: Rs. 20, 56,500
Capital Component: Rs. 34, 60,000

S. No	Item Head	1 st Year	2 nd Year	3 rd Year	Total (Rs)
A	Non-recurring (Capital Items)				
1	Permanent Equipments 1. 10 sq.m Solar Parabolic Dishes (Nos.3) 2. Graphite Storage (120 KWh) (Nos.1) 3. Molten Salt Storage (120 KWh) (Nos.1) 4. Cast Iron Storage (120 KWh) (Nos.1) 5. Instruments: Pyranometer, temperature, pressure sensor, RH, flow measurement, data logger, Data Acquisition System (2485 Enabled) (Nos.1) 6. Pumps(Nos.1) 7. Thermic Fluid, Piping & Insulation Stirling Engine (2 KW) (Nos.1) 8. Stirling Engine (2 KW) (Nos.1) 9. Alternator (Nos.1) 10. Battery Bank & Inverter (Nos.1)	12,00,000	12,00,000	3,60,000	27,60,000
2	Fabrication System	2,50,000	3,50,000	1,00,000	7,00,000
	Subtotal (capital items)	14,50,000	15,50,000	4,60,000	34,60,000
B	Recurring Items (General)				
1.	Manpower	3,00,000	3,00,000	3,00,000	9,00,000
2.	Consumables	15,000	15,000	15,000	45,000
3.	Contingencies	50,000	50,000	50,000	1,50,000
4.	Travel	1,00,000	1,00,000	1,00,000	3,00,000
5.	Other Cost (Outsource work etc), if any	60,000	60,000	40,000	1,60,000
6.	Overhead	1,67,167	1,67,167	1,67,166	5,01,500
	Subtotal (General)	6,92,167	6,92,167	6,72,166	20,56,500
C	Total cost of the project (A+B)	21,42,167	22,42,167	11,32,166	55,16,500

2. The sanction of the President is also accorded to the release of **Rs. 6,92,167/- (Rupees Six Lakh Ninety two Thousand One Hundred sixty seven Only)** to **The Principal, JNTUA**


REGISTRAR
J.N.T.U. Anantapur

College of Engineering, Ananthapuramu, Andhra Pradesh being the first installment of grant under "General Components" for implementation of the above mentioned project.

3. This Sanction is subject to the conditions that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the Proforma prescribed as per GFR 2017 and audited statement of expenditure (SF) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and the entry of previous Utilization Certificate in the PFMS.

5. If the grant has been released under the capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

6. The grant-in-aid being released is subject to the condition that

(a) a transparent procurement procedure in the line with the Provisions of General Financial Rules 2017 will be followed by the institute /Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

(b) While submitting Utilisation Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regards to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned/ accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be adjusted towards future release of grant.

8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

9. In case the scheme provides for payments of honorarium / remuneration /fellowship /scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/salary/fellowship from any other project either supported by DST or by any other funding agency.

10. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST). whenever the organization is called upon to do so, as laid down under rule 236(1) of General Financial Rules 2017.

11. Due acknowledgement of technical support/ financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications/media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.



REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAM II. 515002

12. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231(2) of GFR 2017.

13. The expenditure involved is debit to Demand No.84, Department of science & Technology for the year 2017-18:

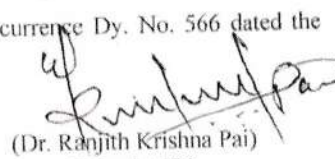
3425	Other Scientific Research (Major Head)
60	Other
60.200	Assistance to other scientific bodies (Minor head)
70	Innovation, Technology Development and Deployment
70.00.31	Grants-in-aid General for the year 2017-18 (CEMI) (Previous : TDP-TMD-3425.60.200.26.01.31

14. The amount of **Rs. 6, 92,167/- (Rupees Six Lakh Ninety two Thousand One Hundred sixty seven Only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Centre for Green Energy Technology Pondicherry University Puducherry-605014. The bank details for electronic transfer of funds through RTGS are given below.

1. Name of the Account Holder: - The Principal, JNTUA College of Engineering, Ananthapuramu
2. Name of the Bank: - State Bank of India
3. Bank Account Number: - 10428782192
4. IFSC Code: - SBIN0002723
5. MICR Code: - 515002005

15. As per Rule 234 of GFR 2017, this sanction has been entered at S.No. ¹³⁴ In the register of grants of grants maintained in the Division for the scheme (TMD).

16. This issues with the concurrence of IFD Vide their Concurrence Dy. No. 566 dated the 25.05.2017.

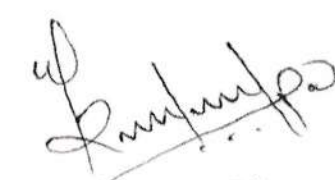

(Dr. Ranjith Krishna Pai)
Scientist 'D'

To

The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi

Copy for information and necessary action to:

1. Cash Section (3 copies), DST, New Delhi--for preparing the bill and remitting the amount to the grantee
2. Accounts Section, DST, New Delhi, 3. IFD, DST, New Delhi.
3. Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi.
4. **Dr K. Hemachandra Reddy,**
Professor,
Department of Mechanical Engineering, JNTUA College of Engineering, JNT University - Ananthapuramu, Andhra Pradesh.
E-mail: hemareddy.mech@jntua.ac.in
5. Sanction folder
6. Office Copy
7. Head- TMD
8. FICCI Cell


(Dr. Ranjith Krishna Pai)
Scientist 'D'


REGISTRAR
J.N.T.U. Anantapur

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
(Established by Govt. of A.P., Act.No.30 of 2008)
ANANTHAPURAMU - 515 002 (A.P.) INDIA

Dr.M. Vijayakumar,
M.Tech, Ph.D.,
Registrar



Phone : + 918554272433

FAX +918554 272437

Mobile: + 91 9908 088806

E_mail : registrar@jntua.ac.in

Procs No. C2/JNTUA/Estt./FDP Programme/Advance/2020 (2)

Dt.13-11-2020.

Sub:-JNTUA, ATP- Estt.- Sanction of advance of **Rs.84,000/-** to **Dr.M.Venkateswara Rao**, Professor in EEE Department, JNTUA CEK to incur the expenditure for conduction of Six day online Faculty Development Programme on "*Advances in teaching and research in the field of green energy and sustainable development*" during period from 02-11-2020 to 07-11-2020- Orders-Issued.

- Read:- 1. Note submitted by Director FD & IQAC, JNTUA, ATP, dt.07-11-2020
2. Note orders of the Vice-Chancellor, JNTUA, ATP on the above said note

--o0o--

ORDER:-

The Director Faculty Development & IQAC, JNTUA, Ananthapuramu duly forwarded a proposal submitted by the Principal, JNTUA CE Kalikiri forwarded the representation of **Dr.M.Venkateswara Rao**, Professor in EEE Department, JNTUA CEK where in he has requested for sanction advance of **Rs.84,000/-** (Rupees Eighty four thousand only) as advance towards the the expenditure for conduction a Six Day on-line Faculty Development Programme on "*Advances in teaching and research in the field of green energy and sustainable development*" during period from 02-11-2020 to 07-11-2020 at JNTUA College of Engineering, Kalikiri. She has further stated that the Director AICTE has conveyed financial approval of Rs.16,50,000/- to the University for conduction of faculty Development Programme for Teachers and Librarians during the financial year 2020-21. . The details of probable expenditure to conduct the above faculty development programmes are furnished as detailed below :-

Sl.No.	Name of the Item	Total Amount Rupees
1	Honorarium for University Co-ordinator	Rs. 3,000-00
2	Honorarium for Institute Co-ordinator	Rs. 3,000-00
3	Honorarium for resource persons (22 sessions @ Rs.3000/-	Rs. 66,000-00
4	Payment to Lab attendant for downloading the videos	Rs. 2,000-00
5	Brochure and Certificates preparation ...etc	Rs. 10,000-00
TOTAL AMOUNT RUPEES:-		Rs. 84,000-00

Contd....

Under the above circumstances, the Vice-Chancellor is pleased to accord permission for sanction of an advance of **Rs.84,000/-** (Rupees Eighty four thousand only) to **Dr.M.Venkateswara Rao**, Professor in EEE Department, JNTUA CE Kalikiri for conduction the above one week FD Programme.

After the conduct the Faculty Development Programme the following documents shall be submitted by the FDP Co-ordinator **Dr.M.Venkateswara Rao**, Professor in EEE Department, JNTUA CE Kalikiri to the University with in one month of the completion of the programme.

- a) Detailed schedule of training programme along with the brochure.
- b) List of resource persons invited with full address, contact details, topics etc.
- c) List of participants who attended the training programme and list of the candidates who have successfully completed the programme on the basis of the test conducted and the attendance criteria.
- d) Copy of question paper and marks sheet for the test conducted at the end of programme with programme attendance.
- e) Feedback from the participants.
- f) Screen-shots and video (CD / DVD) of the sessions, google drive link and Youtube links. (in the format provided).
- g) Media reports.
- h) Original Statement of actual expenditure & Utilization Certificate in the prescribed formats along with bills /vouchers and receipts. Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address and completed in all aspects specified in the formats shared.
- i) Programme completion report along with the University proceedings.

The Accounts section is requested to pay the above sanctioned amount to **Dr.M.Venkateswara Rao**, Professor in EEE Department, JNTUA CE Kalikiri to enable his to conduct the programme.

The expenditure shall be met from the "AICTE STTP for Teachers Account" of the University.

Total Amount Rupees	Name of the Item
Rs. 2,000.00	Honorarium for University Co-ordinator
Rs. 2,000.00	Honorarium for Institute Co-ordinator
Rs. 55,000.00	Honorarium for resource persons (22 sessions @ Rs.2500/-)
Rs. 2,000.00	Payment to Lab attendant for downloading the videos
Rs. 10,000.00	Brochure and Certificate

To
The Principal, JNTUA CE Kalikiri for information & necessary action
Copy to **Dr.M.Venkateswara Rao**, Prof.in EEE Dept., JNTUA CEK.... through Principal, JNTUA CEK
Copy to the Director, Faculty Development & IQAC, JNTUA, ATP for information
Copy to F.O. i/c, JNTUA, ATP for information
Copy to D.R. (Estt.) & D.R. (Accts.), JNTUA, Ananthapuramu
Copy to P.A. to V.C., P.A. to Rector & P.A. to Registrar
Copy to file.

REGISTRAR





UNIVERSITY GRANTS COMMISSION
SOUTH EASTERN REGIONAL OFFICE, A.P.S.F.C. Building (4th Floor) 5-9-194,
P.B. No 152, Chirag-All-Lane HYDERABAD- 500 001
Ph 040-23204735 Fax 040-23204734 Email ugcsero@gmail.com

No.F.3-8/2019 (Survey-UGC-SERO)

14.08.2019

DR. A.SAILA KUMARI
ASST.PROF
Department of MATHEMATICS
JNTUA COLLEGE OF ENGINEERING
ANANTAPUR 515002.

Link no: 6966.

Sub: Impact Analysis for Minor Research Projects funded by UGC-SERO, Hyderabad- Reg.
Sir /Madam,

The University Grants Commission strives to promote teaching and research in emerging areas in Humanities, Social Sciences, Languages, Literature, Pure sciences, Engineering & Technology, Pharmacy, Medical, Agricultural Sciences etc., Hence the UGC is providing financial assistance to the teachers for under taking well defined time bound Minor Research Projects with a view to inculcate the culture of research in the college teachers. You have been sanctioned Minor Research Project from this office as per the details given below.

Name of the Principal Investigator	Title of Project	Year of sanction	Amount Sanctioned
DR. A.SAILA KUMARI	effects of slip on the steady state perf	2017-2018	120000.

In order to have a study on the impact of funding and the outcome of the research and improvements required in the scheme etc., this office has created Google forms. You are requested to click the link https://docs.google.com/forms/d/e/1FAIpQLSfZ6aGA1Mlmo6Y7nSVPjzwz1RIT_u5t-pGxadyIq4uzGgAwEA/viewform?usp=sf_link (or) copy the same in the browser for filling the form. A hard copy of the filled in form duly signed may also be sent to this office for our record. In case you require soft copy of the above link kindly make a request mail to ugcsero@gmail.com

Note: In case you have refunded the sanctioned amount you may also fill up the form and give the reasons for refunding.

With regards,

Yours faithfully,

(Dr.G.Srinivas)
Joint Secretary

REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002



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

Dr. Debanik Roy
Programme Officer (NRFCC)

BRNS Secretariat, 1st Floor,
CC, BARC, Trombay,
Mumbai-400085 Phone:
+91-2225593946
Fax: 2225593946
Email: deroy@barc.gov.in

14 MAY 2016

No: 36(4)/14/19/2015-BRNS/

10068-

Date: 28/03/2016

OFFICE MEMORANDUM

Sub: R/P entitled "Spatial distribution of uranium and associated water quality parameters in groundwater /drinking wat" under Dr. S.V. Satyanarayana, Department of Chemical Engineering, JNTUA College of Engineering, Anantapur, A.P.-515 002 bearing sanction 36(4)/14/19/2015-BRNS with NRFCC, BRNS.

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am directed to convey the administrative approval and sanction of the President of India for the captioned project for the 2 years beginning from financial year 2015-2016 with a total grant of Rs. 26,94,300/- (Rupees twenty six lakh ninety four thousand three hundred only) for the project as under :

Item of expenditure	Year 1	Year 2
	(2015-2016)	(2016-2017)
Equipments	1050000	0
Staff Salary - JRF	300000	300000
Technical Assistance	96000	96000
Consumables	80000	80000
Travel - PI	140000	140000
Contingencies	35000	35000
Overheads	124950	46200
Total(INR)	1825950	697200

Note: *

JRF salary calculated @25,000/- p.m. for first two years and on redesignation by committee on in third year as SRF @ 28,000/- p.m. RA salary calculated @ 36,000/- p.m.

Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads (Rs. 1,71,150/-) shall be released only on meeting the requirements specified (See Annex-B).

- I am also directed to convey the sanction of the President of India to incur an expenditure of Rs. 18,25,950/-
- towards grant for the year 2015-2016 .
- The expenditure involved is debitible to: 04 3401 00 004 08 0231
- This issues with the concurrence of Scientific Secretary, BRNS and IFA.

Debanik B

Dr. Debanik Roy

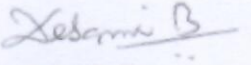
Pay & Accounts Officer, DAE, Mumbai-400 001.

Copy forwarded to:

- Director of Audit, Scientific Department, AEAP, OYC, CSM Marg, Mumbai-400 001.

H H
REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

5. AAO (Bills II), 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 (NRFCC) : Dr. Vivekanand Kain, MSD, BARC, Mumbai- 400 085.
 7. Co-Investigator (CI) :Dr. G.V. Subba Reddy, Professor & Head, Department of Chemistry, JNTUA, College of
 8. Engineering, MUddanur Road, Pulivendula, Y/sr, Kadapa, A.P.- 516 390
 9. Project Collaborator (PC): 1. Dr. A. Vinod Kumar, RSSD, BARC-400 085.
Co-PC : Shri B.K. Rana, ESL, HPD, Tummalapalle
Member Secretary, TSC-4, NRFCC: Dr. A. Vinod Kumar, RSSD, BARC-85
- You or your nominee may please be the DAE representative for selection of Research Fellow/ Research Associate for the project.


Dr. Debanik Roy

Note:

1. Please quote the Sanction Number 36(4)/14/19/2015-BRNS in all your correspondence with BRNS.
2. All the forms mentioned in the sanction letter and the terms & conditions are also available on the website. Kindly update Statement of Accounts, details of Equipment and staff in the menu available on the leftside when view application is clicked. The renewal/extension forms and scanned copy of duly signed financial documents (SA, UC & claim) also needs to be uploaded to get grant for subsequent years. Kindly verify that the data given in your profile is correct.


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002



DR endt.
Ks

Ph:08554-272437
Fax:08554-272437
Mobile: 9908088806
Email:registrar@jntua.ac.in

AR/S
d
Supd/

PROCEEDINGS OF THE
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
(Established by Govt. of A.P., ACT No.30 of 2008)
ANANTHAPURAMU - 515 002 (A.P) INDIA

Proc.No.A1/UGC XII Plan/2016-17

Date: 06.12.2016

- Sub: JNTUA, Ananthapuramu - R & D - Innovative Research Programme
Proposals - Sanction of funds under UGC XII Plan - Orders - Issued.
Read: 1. Application of Dr.B.Dilip Kumar. Asst.Prof. in Chemical Engg.,
JNTUA, CEA.
2. Note orders of the Vice-Chancellor dt.05.12.2016.

ORDER:

With reference to the letter cited (1) above, Dr.B.Dilip Kumar, Asst. Prof. of Chemical Engineering, JNTUA College of Engineering, Ananthapuramu as Principal Investigator and Dr.P.Dinesh Shankar Reddy, Assoc. Prof. of Chemical Engg., as Co-investigator have applied for Innovative Research Project titled. "Physicochemical Studies of $TiO_2/Fe_2O_3/ZnO$ Heterostructure Assemblies for Electrochemical Water Splitting/Dye Degradation Application" under UGC XII Plan (Innovative Research Grant). Accordingly the Hon'ble Vice-Chancellor constituted a Committee to examine the allocation of funds for Innovative Research Programme proposals under UGC XII Plan.

Based on the recommendations of the Committee the Hon'ble Vice-Chancellor is sanction the funds Rs.1,20,000/- (Rupees one lakh and twenty thousand only) to Dr.B.Dilip Kumar, Asst.Prof. of Chemical Engineering, JNTUA College of Engineering, Ananthapuramu as Principal Investigator & Dr.P.Dinesh Shankar Reddy, as Co-investigator as shown in the Annexure.

The above said grant will be issued at the beginning of the project to Dr.B.Dilip Kumar, Asst.Prof.of Chemical Engg., JNTUA- CEA. The Project Investigator to submit the utilization certificate along with project report before 31st March, 2017.

The above expenditure may be met from the Innovative Research Projects under UGC XII Plan R & D Funds of the University.

For REGISTRAR

Encl: Annexure

To

- Dr.B.Dilip Kumar, Principal Investigator through the Principal, JNTUA CE, Ananthapuramu
Copy to Dr.P.Dinesh Shankar Reddy, Co-investigator through the Principal, JNTUA-CEA
Copy to the Principal, JNTUA CE, Ananthapuramu
Copy to PA to V.C., Rector, Registrar
Copy to DR (Acct.) & D.R (Estt.), JNTUA, Ananthapuramu
Copy to file

REGISTRAR
J.N.T.U. Anantapur
ANANTHAPURAMU-515002

(P.T.O)

FILE NO. EEQ/2019/000186
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 14-Nov-2019

ORDER

Subject: Financial Sanction of the research project titled "**Implementation of IoT Security Solutions for Health Care Monitoring Systems**" under the guidance of Dr. Gannera Mamatha, Electronics and communication engineering, Jawaharlal Nehru Technological University, Off anantapur bangalore road, Anantapur, Andhra pradesh-515002 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 2125520/- (Rs. Twenty One Lakh Twenty Five Thousand Five Hundred and Twenty Only) with break-up of Rs. 544000/- under Capital (Non-recurring) head and Rs. 1581520/- under General (Recurring) head for a duration of 24 months. The items of expenditure for which the total allocation of Rs. 2125520/- has been approved are given below:

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> WiFi routers -> FPGA Development Board -> Healthcare Sensors -> IoT Controllers -> High-end Laptop	544000
A'	Total (Non-Recurring)	544000
B	Recurring Items	
1	Recurring - I. (Manpower) Recurring - II : (Consumables, Travel, Contingencies, Other Cost) Recurring - III : Scientific Social Responsibility	803520 550000 35000
2	Recurring - IV : (Overhead Charges)	193000
B'	Total (Recurring)	1581520
C	Total cost of the project (A' + B')	2125520

2. Sanction of the SERB is also accorded to the payment of Rs. 544000/- (Rupees Five Lakh Forty Four Thousand only) under 'Grants for creation of capital assets' and Rs. 811000/- (Rupees Eight Lakh Eleven Thousand only) under 'Grants-in-aid General' to PRINCIPAL, Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC)

4. The Sanction has been issued to Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road with the approval of the competent authority under delegated powers on 13 November, 2019 and vide Diary No. SERB/F/6593/2019-2020 dated 13 November, 2019

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

REGISTRAR
IN THE ANANTAPUR

11. The release amount of Rs. 1355000/- (Rupees Thirteen Lakh Fifty Five Thousand 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.

PFMS Unique Code	APAN7803
Account Name	PRINCIPAL(By Designation)
Account Number	10428782192
Bank Name & Branch	STATE BANK OF INDIA JNTUEC Branch 2723, Sir Moksha Gunda Visweswaraiah Road, Ananthapuramu, Andhra Pradesh 515002
IFSC/RTGS Code	SBIN0002723
Email id of A/C Holder	principal.cea@jntua.ac.in
Email id of PI	mamathasashi@gmail.com

12. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. EEQ/2019/000186 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

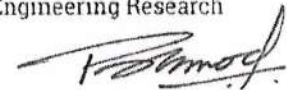
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.



(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in


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
4.	Dr. Gannera Mamatha Electronics and communication engineering Jawaharlal Nehru Technological University, Off anantapur bangalore road, Anantapur, Andhra pradesh-515002 Email: mamathasashi@gmail.com Mobile: 919490446399 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	PRINCIPAL, Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road (Receipt of Grant may be intimated by name to the undersigned)



REGISTRAR
J.N.T.U. Anantapur
ANANTAPUR, ANDHRA PRADESH 515002



(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in



F. No. 42-796/2013 (SR)

The Under Secretary (FD-III)
University Grants Commission
New Delhi-110002

22 MAR 2013

Sub:- UGC support for the Major Research Project in Physical Sciences, Bio-Sciences, Maths, Medical, Agricultural Sciences and Engineering & Chemistry to University/College Teachers - Project entitled, "Synthesis and characterization of nano conducting polymers for the fabrication of Lithium batteries"

Sir,

I am to refer to your letter forwarding the application of Dr. R. Padma Suvarna of your institution for financial assistance under the above scheme and to convey the Commission's approval & sanction on an account grant of Rs. 5,92,800/- (Rupees: five lakh ninety two thousand eight hundred only) to the Registrar, Jawaharlal Nehru Technological University, Anantapur-515002, AP in r/o Major Research Project of Dr. R. Padma Suvarna, Department of Physics for the period of 3 years w.e.f. 1.4.2013 as detailed below:-

S.No	ITEMS	AMOUNT APPROVED	GRANT RELEASED AS 1st INSTALMENT	Category
A.	Non - Recurring		1,50,000/-	GEN
1.	Books & Journals	nil		
2.	Equipment (sample holder, tablet machine)	1,50,000/-		
B.	Recurring		4,42,800/-	
1.	Honorarium to Retd. Teacher @ Rs. 12,000/- p.m.	nil		
2.	Project Fellow @14,000/- p.m. for initial 2 years and Rs. 16,000/- p.m. from the third year onwards.	5,28,000/-		
3.	Chemical/ Glassware / Consumable	80,000/-		
4.	Hiring Services	30,000/-		
5.	Contingency	50,000/-		
6.	Travel/Field Work	60,000/-		
7.	Special Need	nil		
8.	Overhead Charges @ Rs. 10% approved recurring Grant (Except Travel & Field Work)	68,800/-		
	Total (A + B)	9,66,800/-	5,92,800/-	

The acceptance Certificate in prescribed format (Annexure-I available on the UGC web-site) may be sent to the undersigned within one month from the issue of the award letter failing which the project may be treated as cancelled.

If the terms & conditions are acceptable, as per guideline which are available on UGC web-site www.ugc.ac.in the Demand Draft/ Cheque being sent may be retained. Otherwise the same may be returned in original to the UGC by Registered Post in variably with in 15 days from the receipt of the Demand Draft/Cheque in favour of Secretary, UGC, New Delhi.

Principal Investigators should ensure that the statement of expenditure & utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the University Grants Commission in time.

The first instalment of the grant shall comprise of 100% of the Non -Recurring including Over Head Charges, and 50% of the total Recurring grant.


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAM-515002



UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI - 110 002

Utilization certificate

For the period from 01.04.2013 to 31.03.2017(with one year extension)

It is certified that grant- in- aid of Rs. 5,92,800/- (Rupees Five lakh ninety two thousand eight hundred only) was received as first installment from University Grants Commission (UGC), Govt. of India, under the scheme of support for major research project entitled "Synthesis and characterization of nano conducting polymers for the fabrication of lithium batteries" vide UGC sanction order letter No. F.No 42-796/2013(SR) dated 23.03.2013. Against the received grant and interest accrued (Rs.5,92,800+15,547+226 = 6,08,573) an amount of Rs. 9,82,759/- (Rupees Nine lakh eighty two thousand seven hundred and fifty nine only) has been utilized, for the purpose for which it was sanctioned in accordance with the terms and conditions laid down by the UGC, for the period from 1.04.2013 to 31.01.2017(with one year extension). The excess spent amount of Rs. 3,74,186 (Rupees Three lakh seventy four thousand one hundred and eighty six only) taken as advance from the Principal Investigator will be adjusted/reimbursed in the 2nd installment, which is yet to be released /reimbursed by the UGC.

Principal Investigator

Auditor

Principal

Dr. R. PADMA SUVARNA
Professor & Head
Dept. of Physics,
JNTU. College of Engg.
ANANTAPUR.



CA. D. HARISCHANDRA RAMA
B.Com., F.C.A., P.hd.,
CHARTERED ACCOUNTANT.
Aravind Arcades,
10-445, Subhash Road,
ANANTHAPURAMU - 515 001.

REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

2016-17

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR
ANANTAPUR - 515002 (A.P) INDIA



From
Dr. S. Krishnaiah,
M.E., Ph.D.
Registrar

Phone: 08554 - 272433
Fax: 08554 -272437
Mobile: 9908088806
email: registrar jntua.ac.in

To
The Principal,
JNTUA College of Engineering,
Ananthapuramu.

Rc. No. A4/Release of UGC Grant /2016-17 Dt. 03/01/2017

Sir,

Sub:-JNT University, Anantapur - Release of Grant for Innovative
Research Project under UGC XII Plan - Cheque- Forwarded-Reg.
Ref:-1) Proc. No. A1/UGC XII Plan/2016-17, dt: 01/12/2016.
2) Note order to the Vice-Chancellor, JNTUA Anantapur DT.31/12/2016.

Please find enclosed here with a Cheque bearing No. 209954 Dated. 03/01/2017 for
₹. 1,69,000/- (Rupees One Lakhs sixty nine thousand only) towards release of Grant for
Innovative Research Project under UGC XII Plan sanctioned to Dr. K. Madhavi,
Assoc. Professor & Department of CSE, JNTUA College of Engineering, Ananthapuramu.

Kindly disburse the amount as per the instructions contained in the UGC letter cited
above

Yours faithfully,

Encl: 1) Cheque for ₹ . 1,69,000/-

Copy of the Principal, JNTUA College of Engg., Ananthapuramu
Copy to Dr. K. Madhavi, Assoc. Professor & Department of CSE,
Copy to the D/FA&AM, JNTUA, and Coordinator UGC schemes for information
Copy to the file

REGISTRAR



A/c Dy No. 957
Date: 28/7/2017

12

UNIVERSITY GRANTS COMMISSIONS -SOUTH EASTERN REGIONAL OFFICE
5-9-194, CHIRAG ALI LANE, IV FLOOR, A.P.S.F.C. BUILDING, HYDERABAD -500 001
Phones: 040 - 23204735, 23200208 FAX: 040 - 23204734, Website: www.ugc.ac.in, email: ugcsero@gmail.com

No.F MRP-6963/16 (SERO/UGC)

Link No:6963.

July,2017

The Accounts Officer
UGC-SERO, Hyderabad

Comcode: APJN069
UniqueID:APAN00007803

2 AUG 2017

Sub: Release of Grants-in-aid to Minor Research Projects for the year 2017-2018 .
Sir / Madam,

The has reference to the Minor Research Project proposal submitted by **Dr.C.Shoba Bindu** Department of **Computer Science & Engineering** of "**JNTUA College of Engineering**", **ANANTAPUR** entitled "**A Model for dynamic data integrity verification in cloud**". The subject expert, who evaluated the proposal, has recommended for financial assistance as detailed below.

Sl. No	Item	Amount Allocated (Rs.)	Amount Sanctioned as first installment (Rs.)
1.	Books & Journals	30000.	30000.
2.	Equipment	40000.	40000.
	Total	70000.	70000.
3.	Field work & Travel	0 0	0 0
4.	Chemical & Glass Ware	0 0	0 0
5.	Contingency (incl. Special Needs)	20000.	10000.
6.	Hiring Services	0 0	0 0
	Total	20000.	10000.
	Grand Total	90000.	80000.

1. I am further to convey the sanction of the University Grants Commission to the payment of Rs.80000. to the principal, JNTUA College of Engineering, ANANTAPUR as first installment (100% Non-Recurring and 50% Recurring grants) towards the above project.

Amount Sanctioned	Head of Accounts	Category
Rs. 70000.	35-CAP-MRP(50)-3(A)2202.03.102.02.01	GEN
Rs. 10000.	31-GIA-MRP(50)-3(A)2202.03.102.02.01	GEN

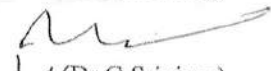
2. The above approval is subject to the general conditions of grants prescribed by the UGC for this scheme.
3. The sanctioned amount is debit to the Head of Accounts 35-CAP-MRP(50)-3(A)2202.03.102.02.01 (General), 31-GIA-MRP(50)-3(A)2202.03.102.02.01 (General) and is valid for payment during the financial year 2017-18 only and the amount of the Grant shall be drawn by the Accounts Officer (Drawing and Disbursing Officer) UGC-SERO, Hyd. on the Grants-In Aid Bill and shall be disbursed to and credited to "The Principal, JNTUA College of Engineering, ANANTAPUR by Electronic Mode through PFMS Portal at the following details: "(a) Name & Address of Account Holder: The Principal, JNTUA College of Engineering, ANANTAPUR (b) Account No: 36605990164. (c) Name & Address of Bank Branch: SBIJNTUEC BR. (d) IESC Code: SBIN0002723.
4. In case the Principal investigator is having ongoing Major/Minor Research Project OR has been transferred/left/retired from the college, the released amount of Rs.80000.- may be returned to UGC-SERO, Hyderabad immediately, failing which action will be initiated against the College for not adhering with the norms of UGC for the scheme.
5. The grantee institution shall ensure the utilization of grants -in-aid for which it is being sanctioned/paid. in case of non-utilization /part utilization, interest @ 10% per annum as amended from time to time on utilized amount from the date of draw to the date of refund as per provision contained in General Financial Rules of Govt. of India will be charged.
6. The assets acquired wholly or substantially out of UGC's grants shall not be disposed or encumbered or utilized for the purposes other than those for which the grant was given, without proper sanction of the UGC and should, at any time the college ceased to function, such assets shall revert to the UGC.

REGISTRAR
JNTUA Anantapur

LinkNo.6963.


7. The Principal investigator of the project is required to submit the First year progress report of the work done along with the documents 1) Annual Report of the Project as per Annexure-III 2) Utilization Certificate duly signed by the Principal Investigator, Principal & Chartered Accountant 3) Statement of Expenditure for the approved heads for the sanctioned amount as per Annexure-V duly signed by the Principal Investigator, Principal & Chartered Accountant.
8. The interest earned by the College / Institute on this grants-in-aid shall be treated as additional grant which may be shown in the Utilization Certificate / Statement of Expenditure to furnished by the grantee institution.
9. The college has to send the filled in Acceptance certificate within 15 days of receipt of this letter, else the college may return back the sanctioned amount to this office. Further if the conditions of the acceptance letter is not acceptable or applicable to the P.I/College, the sanctioned amount be refunded back to SERO-UGC, Hyderabad.
10. The guidelines of Minor Research Project have to be followed in toto.
11. The Grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/Institution.
12. The University/Institution shall maintain proper accounts of the expenditure out of the Grants, which shall be utilized, only on the approved items of expenditure.
13. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to UGC as early as possible after the close of current financial year.
14. The college shall maintain a Register of Assets acquired wholly or substantially out of the grant in the prescribed proforma.
15. The College shall fully implement to Official languages Policy of Union Govt. and comply with the Official Language Act, 1963 and Official languages (use for official purposes of the Union) Rules, 1976 etc.,
16. The approval for the above has been received vide letter No.F.7-3/2016(SERO/MRP/RO) dated 6th September, 2016 from UGC, New Delhi.

Yours faithfully,


(Dr.G.Srinivas)
Joint Secretary
02/8/2017

Copy to:


1. The Principal (Along with DD / Funds transferred through E-mode)
JNTUA College of Engineering
, ANANTAPUR - 515002.
2. Dr.C.Shoba Bindu
Dept. of Computer Science & Engineering
JNTUA College of Engineering
, ANANTAPUR - 515002.
3. The Dean/Director, College Development Council of affiliating University
4. The Commissioner /Director Collegiate Education, Government of ANDHRA PRADESH
5. The Principal Accounts General (A & E)- Government of ANDHRA PRADESH


(G.K.Pasrija)
Under Secretary

GAR Cap. Sl.No. 500 /2017-2018

GAR GIA Sl.No. 666 /2017-2018

The sanctioned grant of **Rs.80000.** /- has been transferred to your college Account as mentioned at the Point No. 3 of this Sanction Order by e-payment through PFMS portal vide date.....9.18.17.....**You are requested to acknowledge the receipt of the above amount in your account by sending back the enclosed stamped receipt within 7 days.**


(R.Rayappa)
Accounts Officer


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

Please Distribute to the Addressee as Marked(✓)



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

Dr. Debanik Roy
Programme Officer (NRFCC)

BRNS Secretariat, 1st Floor,
CC, BARC, Trombay,
Mumbai-400085 Phone:
+91-2225593946
Fax: 2225593946
Email: deroy@barc.gov.in

4 MAY 2016

No: 36(4)/14/19/2015-BRNS/

10068-

Date: 28/03/2016

OFFICE MEMORANDUM

Sub: R/P entitled "Spatial distribution of uranium and associated water quality parameters in groundwater /drinking wat" under Dr. S.V. Satyanarayana, Department of Chemical Engineering, JNTUA College of Engineering, Anantapur, A.P.-515 002 bearing sanction 36(4)/14/19/2015-BRNS with NRFCC, BRNS.

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am directed to convey the administrative approval and sanction of the President of India for the captioned project for the 2 years beginning from financial year 2015-2016 with a total grant of Rs. 26,94,300/- (Rupees twenty six lakh ninety four thousand three hundred only) for the project as under :

Item of expenditure	Year 1	Year 2
	(2015-2016)	(2016-2017)
Equipments	1050000	0
Staff Salary - JRF	300000	300000
Technical Assistance	96000	96000
Consumables	80000	80000
Travel - PI	140000	140000
Contingencies	35000	35000
Overheads	124950	46200
Total(INR)	1825950	697200

Note: *

JRF salary calculated @25,000/- p.m. for first two years and on redesignation by committee on in third year as SRF @ 28,000/- p.m. RA salary calculated @ 36,000/- p.m.

Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads (Rs. 1,71,150/-) shall be released only on meeting the requirements specified (See Annex-B).

- I am also directed to convey the sanction of the President of India to incur an expenditure of Rs. 18,25,950/-
- towards grant for the year 2015-2016 .
- The expenditure involved is debit to: 04 3401 00 004 08 0231
- This issues with the concurrence of Scientific Secretary, BRNS and IFA.

Dr. Debanik Roy

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

4 11
REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

Copy forwarded to:

- Director of Audit, Scientific Department, AEAP, OYC, CSM Marg, Mumbai-400 001.

2. Joint Secretary (R&D), DAE, Anushakti Bhavan, CSM Marg, Mumbai-400 001.
3. Registrar, Department of Chemical Engineering, JNTUA College of Engineering, Anantapur, A.P..
4. Principal Investigator(PI): Dr. S.V. Satyanarayana, Department of Chemical Engineering, JNTUA College of Engineering, Anantapur, A.P- 515 002.

A. First year grant is being released in full along with this Sanction Letter through Pay & Accounts Officer, Department of Atomic Energy, Anushakti Bhavan, CSM Marg, Mumbai-400 001 directly. You may await a Money transfer (MT) through ECS and The amount would be credited electronically to A/C No: , A/C Name: , IFSC: , .

i) Acceptance of this sanction and the MT for the amount sanctioned for the first financial year may please be acknowledged (Form-I).

ii) THIS SANCTION IS FURTHER SUBJECT TO THE CONDITIONS STIPULATED IN ANNEX (ENCLOSED), WHICH MAY BE GONE THROUGH CAREFULLY.

B. Second year Sanction Letter will be issued automatically in the month of April/May of the 2nd financial year, however, the grant will be released (unspent balance of previous year and Interest earned will be adjusted) after the PI submits the following documents to the Programme Officer NRFCC:

a) Claim in Form-II quoting the reference of the sanction issued for the first year.

b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

c) Statement of Accounts (SA) as on 31st March of the preceding financial year should be updated on the website. Interest earned in previous year should be reflected in the Statement of Accounts. A printout of the same should be sent to BRNS after it is duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee, should be uploaded in a single pdf file under the file head "Staff Appointment Details". In addition, the details of the appointed staff should also be updated in the available menu.

e) The inventory of equipment also should be updated in the menu, besides uploading the purchase order of the items costing more than 1 Lakh.

f) A One Page report on the progress of work during first year.

C. Third and subsequent years (if any) the Sanction Letter and the grant will be released on fulfillment of the following requirements:

i) Renewal/ Extension Application: Principal Investigator (PI) is required to upload by January 15 a pdf copy of duly signed renewal/ extension application in the prescribed form-(PRA) after logging into his/her account at www.daebrns.gov.in. All applications received shall be examined by experts from the field and PIs may be invited to a Technical Programme Discussion Meeting (TPDM). Renewal of the project will be based on the recommendations of the TPDM, Advisory Committee and the Board.

ii) Sanction Letter: If the progress is found to be satisfactory the renewal sanction for the year will be issued in the beginning of that financial year in April/May.

iii) Claim: On receipt of the renewal sanction, the PI shall claim the funds sanctioned by submitting the following documents to Programme Officer NRFCC, BRNS Secretariat, First Floor, Central Complex, BARC, Trombay, Mumbai-400 085:

a) Claim in Form-II quoting reference of the renewal sanction.

b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant. should be reflected in the Statement of Accounts.

c) Statement of Accounts (SA) as on 31st March of the preceding financial year including the amount of Interest earned in previous year and duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee.

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 and Consolidated Utilization Certificate duly audited by a Chartered Accountant or the Statutory (Govt.) Auditor.

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


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

5. AAO (Bills II), 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 (NRFCC) : Dr. Vivekanand Kain, MSD, BARC, Mumbai- 400 085.
 7. Co-Investigator (CI) :Dr. G.V. Subba Reddy, Professor & Head, Department of Chemistry, JNTUA, College of Engineering, MUddanur Road, Pulivendula, Y/sr, Kadapa, A.P.- 516 390
 9. Project Collaborator (PC): 1. Dr. A. Vinod Kumar, RSSD, BARC-400 085.
Co-PC : Shri B.K. Rana, ESL, HPD, Tummalapalle
Member Secretary, TSC-4, NRFCC: Dr. A. Vinod Kumar, RSSD, BARC-85
- You or your nominee may please be the DAE representative for selection of Research Fellow/ Research Associate for the project.



Dr. Debanik Roy

Note:

1. Please quote the Sanction Number 36(4)/14/19/2015-BRNS in all your correspondence with BRNS.
2. All the forms mentioned in the sanction letter and the terms & conditions are also available on the website. Kindly update Statement of Accounts, details of Equipment and staff in the menu available on the leftside when view application is clicked. The renewal/extension forms and scanned copy of duly signed financial documents (SA,UC & claim) also needs to be uploaded to get grant for subsequent years. Kindly verify that the data given in your profile is correct.



REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002



सत्यमेव जयते

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

Shri Dhananjay G Parulekar
Programme Officer (NR FCC)

BRNS Secretariat, 1st Floor, CC,
BARC, Trombay, Mumbai-400085,
Phone: 25591140 FAX: 022-25505151,
E-mail: pdhag@barc.gov.in

No: 36(4)/14/19/2015-BRNS/36253

Date: 21/12/2018

Office Memorandum

Sub: R/P entitled "Spatial distribution of uranium and associated water quality parameters in groundwater /drinking water under Dr. S.V. Satyanarayana, Department of Chemical Engineering,, JNTUA College of Engineering (Autonomous), Anantapur-515 002, A.P., bearing sanction 36(4)/14/19/2015-BRNS with NR FCC, BRNS

In continuation of this Department's financial sanction letter of even number dated 17/04/2017 on the recommendations of Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the sanction of the President of India to the expenditure of Rs.1,20,000/- (Rupees One Lakh Twenty Thousand only) towards payment of House Rent Allowance to 1 JRFs appointed under the above cited research project as detailed below:

Name of the Staff	Period*	Amount
Dasari Manjunath	24 months @ 20%	Rs. 1,20,000/-
	Total	Rs. 1,20,000/-

*- HRA for JRF is allowed for maximum two years.

1. The expenditure involved is debit to: 04 3401 00 004 27 02 31.
2. This issues with the concurrence of Competent Authority in the Department.

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


(Dhananjay G Parulekar)
REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

Copy forwarded to:

1. Principal, JNTUA College of Engineering (Autonomous), Anantapur-515 002, A.P..
2. Dr. S.V. Satyanarayana, Department of Chemical Engineering,, JNTUA College of Engineering (Autonomous), Anantapur-515 002, A.P..
3. Assistant Accounts Officer, Cheque, DAE



Government of India
Department of Atomic Energy
Board of Research in Nuclear Sciences

Programme Officer (WWM), BRNS

BRNS Secretariat, 316-C, 3rd Floor,
CFB, BARC, Mumbai-400 085

No. 36(4)/14/19/2015-BRNS/36060

Date: July 13, 2020

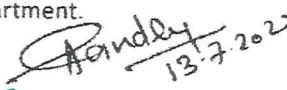
OFFICE MEMORANDUM

Sub: **Extension with grant** for the year 2020-2021 R/P entitled "Spatial distribution of uranium and associated water quality parameters in groundwater/drinking wat" under Dr. S.V. Satyanarayana, Department of Chemical Engineering, JNTUA College of Engineering (Autonomous), Anantapur-515 002, A.P. bearing sanction 36(4)/14/19/2015-BRNS with WWM, BRNS.

This is issued with the concurrence of the competent authority in the Department in continuation of this Department's Office Memorandum of even number dated 21/12/2018, on the recommendations of Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval of the President of India for the extension of captioned project upto 30/11/2020 and sanction to incur an expenditure of Rs. 3,99,900/- (**Rupees Three Lakhs Ninety-nine thousand Nine Hundred only**) as detailed below.

Item of expenditure	(In Rupees) Amount
Staff Salary upto 31.03.2020	3,72,000/-
Overheads	27,900/-
Total	3,99,900/-

2. **Accordingly, the project will get terminated on 30/11/2020.**
3. The grant remaining unspent under the Heads "Equipment" and "Overheads" for the year 2019-2020 are only allowed to be carried forward to the current financial year 2020-2021.
4. Unspent balance under Consumable Head & Technical Assistance head is allowed to utilize for Field sampling under Technical assistance head from the previous year to the current financial year i.e. 2020-2021.
5. The expenditure involved is debit to: 04 3401 00 004 27 02 31.
6. The other Terms and Conditions of the sanction letter dated 21/12/2018 will remain unchanged.
7. This issues with the concurrence of Competent Authority in the Department.


13.7.2020
(Dr. Ashok Kumar Pandey)
Program Officer

Pay & Accounts Officer, DAE, Mumbai 400001.

REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

Copy forwarded to:

1. Principal, JNTUA College of Engineering (Autonomous), Anantapur-515 002, A.P.
2. Principal Investigator(PI): Dr. S.V. Satyanarayana, Department of Chemical Engineering, JNTUA College of Engineering (Autonomous), Anantapur-515 002, A.P.
3. AAO (Cheque), DAE, Anushakti Bhavan, CSM Marg, Mumbai - 400 001
4. Member Secretary CDP-6 : WWM: Dr. A K Ghosh, SO/G, MDS, BARC, Trombay, Mumbai - 400 085.
5. Co-Investigator (CI): Dr. G. V. Subba reddy, Department of Chemistry, JNTUA College of Engineering (Autonomous), Anantapur-515 002, A.P.
6. Departmental Co-ordinator(DC)/PC: 1. Dr. A. Vinod Kumar, Head, EMAD, BARC-400 085.
2. Co-PC: Shri B.K. Rana, ESL, HPD, Tummalapalle

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
(Established by Govt.of A.P., Act.No.30 of 2008)
ANANTHAPURAMU - 515 002 (A.P.) INDIA

Dr.C.Sashidhar,
M.Tech, Ph.D.,



Phone : + 918554272433
FAX +918554 272437
Mobile: + 91 9908 088806
Email id:registrar@jntua.ac.in

Registrar

Procs. No. C2/JNTUA/Estt./financial sanction/STTP Second Programme/ Dr. S.C.M.R./2022

Sub:- JNTUA, ATP-Estt.-Sanction amount of Rs.5,67,000/- to Dr.S.Chandra Mohan Reddy, Co-ordinator, Assoc.Prof.in ECE Dept., JNTUA CEA- towards expenditure for conduction of AICTE JNTUA Sponsored Two week Training Programme on "Office Procedures (Service Matters, Accounts, Tally, GST, RTI Act etc) for Non-Teaching staff of JNTUA, JNTUA constituent Units and affiliated Colleges of during the period from 16-08-2022 to 30-08-2022 -Orders- Issued.

- Read:- 1.Procs.No.C2/JNTUA/Estt./STTP Programme/2022, dt. 20-07-2022
2. Lr.No.Nil, dt.12-08-22 submitted by Dr.S.Chandra Mohan Reddy, Co-ordinator, JNTUA , ATP
3. Note submitted by the Director FDP, JNTUA, ATP, dt.12-08-2022 and Note orders of the Vice-Chancellor, JNTUA, ATP, dt. 12-08-2022

--o0o--

ORDER:-

Dr.S.Chandra Mohan Reddy, Co-ordinator & Associate Professor of ECE Department, JNTUA CE Ananthapuramu, in his Office Letter & Office note (2 & 3) read above has requested for financial sanction of Rs.5,67,000/- (Rupees Five Lakhs Sixty seven thousand only) for meeting the expenditure for conduction of AICTE/ JNTUA Sponsored Two week Training Programme on "Office Procedures (Service Matters, Accounts, Tally, GST, RTI Act etc) during the period from 16-08-2022 to 30-08-2022 for Non- Teaching staff of JNTUA, constituent Units and affiliated Colleges of the University.

Under the above circumstances, the Vice-Chancellor is pleased to accord for financial sanction for an amount of Rs.5,67,000/- (Rupees Five Lakhs Sixty seven thousand only) to Dr.S.Chandra Mohan Reddy, Co-ordinator & Associate Professor of ECE Department, JNTUA CE Ananthapuramu to meet the expenditure for the above programme.

The Accounts Section in the University Office is requested to pay the above sanctioned amount and issue a cheque in the name of Dr.S.Chandra Mohan Reddy, Co-ordinator & Associate Professor of ECE Department, JNTUA CE Ananthapuramu. He is requested to submit the bills after completion of the above programme.

Contd...

4
REGISTRAR
J.N.T.U. Anantapur
ANANTHAPURAMU-515002

OF ACCOUNT

STATE BANK OF INDIA
 J.N.T.U. ENGG CAMPUS, ANANTAPUR
 JNTU ENGG COLLEGE ROAD
 ANANTAPUR,
 Branch Code : 2723
 Branch Phone : 272202
 IFSC: SBIN0002723
 MICR: 515002005
Account No. : 10428782192
Product : CA-GEN-PUB IND-NONRURAL-INR
 Currency : INR

Date: 18/01/2021
 Time: 17:24:36
 Cleared Balance: 6,90,729.86Cr
 +MOD Bal: 0.00
 Limit: 0.00
 Int. Rate: 15.70 % p.a.
 Statement From 01/12/2020 to 31/12/2020

E-mail :
 Uncleared Amount : 0.00
 Drawing Power : 0.00
 Nominee Name :

Page No. : 1

Post Date	Value Date	Details	Chq.No.	Debit	Credit	Balance
						880052.81
		BROUGHT FORWARD :				
					300.00	880352.81
18/12/20	18/12/20	CASH DEPOSIT SELF AT 02723 J.N.T.U.ENG				
18/12/20	18/12/20	CASH CHQ XFER WD TO RUSHI VENKATESWA 32557370786 OF RUSHI AT 00806 ANANTAPUR SEP. IFR	111558	146686.00		733686.81
					1125990.00	1859876.81
		C127510688173 1st In 4598276105210 AT 10521 DAO, RURAL B			300.00	1859976.81
18/12/20	18/12/20	CASH DEPOSIT SELF AT 02723 J.N.T.U.ENG			300.00	1860276.81
18/12/20	18/12/20	CASH DEPOSIT SELF AT 02723 J.N.T.U.ENG			300.00	1860576.81
18/12/20	18/12/20	CASH DEPOSIT SELF AT 02723 J.N.T.U.ENG			900.00	1861476.81
18/12/20	18/12/20	CASH DEPOSIT SELF AT 02723 J.N.T.U.ENG			300.00	1861776.81
18/12/20	18/12/20	CASH DEPOSIT SELF AT 02723 J.N.T.U.ENG			93000.00	1954776.81
18/12/20	18/12/20	CREDIT TRE FIRM ALITEC62459			300.00	1955076.81
18/12/20	18/12/20	CASH DEPOSIT SELF AT 02723 J.N.T.U.ENG				

REGISTRAR
 JNTU Anantapur
 ANANTAPURAMU 515002

OF ACCOUNT

STATE BANK OF INDIA
 J.N.T.U. ENGG CAMPUS, ANANTAPUR
 JNTU ENGG COLLEGE ROAD
 ANANTAPUR,
 Branch Code : 2723
 Branch Phone : 272202
 IFSC: SBIN0002723
 MICR: 515002005
Account No. : 10428782192
Product : CA-GEN-PUB IND-NONRURAL-INR
 Currency : INR

Date: 18/01/2021
 Time: 17:24:36
 Cleared Balance: 6,90,729.86Cr
 +MOD Bal: 0.00
 Limit: 0.00
 Int. Rate: 15.70 % p.a.
 Statement From 01/12/2020 to 31/12/2020

E-mail :
 Uncleared Amount : 0.00
 Drawing Power : 0.00
 Nominee Name :

Page No. : 1

Post Date	Value Date	Details	Chq.No.	Debit	Credit	Balance
		BROUGHT FORWARD :				880052.81
					300.00	880352.81
18/12/20	18/12/20	CASH DEPOSIT SELF AT 02723 J.N.T.U.ENG				880352.81
18/12/20	18/12/20	CASH CHQ XFER WD TO RUSHI VENKATESWA 32557370786 OF RUSHI AT 00806 ANANTAPUR SEP. IFR	111558	146686.00		733666.81
					1125990.00	1859676.81
14/12/20	14/12/20	CASH DEPOSIT SELF AT 10521 DAO, RURAL B			300.00	1859976.81
24/12/20	24/12/20	CASH DEPOSIT SELF AT 02723 J.N.T.U.ENG			300.00	1860276.81
19/12/20	19/12/20	CASH DEPOSIT SELF AT 02723 J.N.T.U.ENG			300.00	1860576.81
12/12/20	24/12/20	CASH DEPOSIT SELF AT 02723 J.N.T.U.ENG			900.00	1861476.81
24/12/20	24/12/20	CASH DEPOSIT SELF AT 02723 J.N.T.U.ENG			300.00	1861776.81
24/12/20	24/12/20	CREDIT TRE FIRM AICTEC52459			93000.00	1954776.81
24/12/20	24/12/20	CASH DEPOSIT SELF AT 02723 J.N.T.U.ENG			300.00	1955076.81

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 JNTU Anantapur
 ANANTAPURAMU 515002

Statement of Expenditure for 25/11/2019 to 31/03/2022

Sr No (I)	Sanctioned Heads (II)	Total Funds Allocated (indicate sanctioned or revised) (III) Rs.	Expenditure Incurred			Total Expenditure till 31/03/2022 (VII = IV + V+VI) Rs.	Balance as on (31/03/2022) (VIII=III-VII) Rs.	Remarks (if any)
			1 st Year (25/11/2019 to 31/03/2020) (IV) Rs.	2 nd Year (01/04/2020 to 31/03/2021) (V) Rs.	3 rd Year (01/04/2021 to 31/03/2022) (VI) Rs.			
1.	Manpower costs	4,01,760/-	0	2,66,760/-	1,35,000/-	4,01,760/-	0	
2.	Consumables	75,000/-	0	0	1,07,887/-	1,07,887/-	-32,887/-	
3.	Travel	50,000/-	0	0	50,000/-	50,000/-	0	
4.	Contingencies	50,000/-	162/-	649/-	34,784/-	35,595/-	14,405/-	
5.	Others, if any	1,02,740/-	0	0	1,02,740/-	1,02,740/-	0	
6.	Equipment	5,44,000/-	0	2,40,591/-	2,36,449/-	4,77,040/-	66,960/-	
7.	Overhead expenses	96,500/-	0	55,452/-	41,048/-	96,500/-	0	
8.	Scientific Social Responsibility	35,000/-	0	0	35,000/-	35,000/-	0	
9.	Total	13,55,000/-	162/-	5,63,452/-	7,42,908/-	13,06,522/-	-48478/-	

Name and Signature of Principal Investigator:

Date: 7/6/2023

Dr. G. Mamatha
Principal Investigator

Signature of Competent financial authority
(with seal) **PRINCIPAL**
JNTUA COLLEGE OF ENGINEERING
ANANTHAPURAMU-515002

Note:

- Expenditure under the sanctioned heads and amount of time, should not exceed funds allocated under that head, without prior approval of SERBI. e. Figures in Column (VII) should not exceed corresponding figures in Column (III)
- Utilization Certificate (Annexure 'A') for each financial year ending 31st March has to be enclosed along with request for carry-forward permission to the next financial year.

REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

FILE NO. EMR/2017/003336
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
 (a statutory body of the Department of Science & Technology, government of India)

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

Dated: 02-Nov-2018

ORDER

Subject: Financial Sanction of the research project titled "Nanoparticle Enhanced Phase Change Material Microcapsules/Fibers for Advanced Energy Storage and Allied Applications" under the guidance of Dr. Puchalapalli DineshSankar Reddy, Chemical Engineering, Jawaharlal Nehru Technological University, Off Anantapur bangalore road, Anantapur, Andhra pradesh-515002 and by Dr. Hemachandra Reddy K, Professor, Mechanical, Jawaharlal Nehru Technological University. - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3035880/- (Rs. Thirty Lakh Thirty Five Thousand Eight Hundred and Eighty Only) with break-up of Rs. 1200000/- under Capital (Non-recurring) head and Rs. 1835880/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3035880/- has been approved are given below:

The following budget may be considered for Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Multi Point Temperature Indicator -> Ultrasonic probe Sonicator -> Experimental setup for charging and discharging -> Dual pump nanofiber electrospinning unit -> Viscometer -> RTD Thermocouples -> Heat Exchanger -> Magnetic Stirrer with Heating Plate -> Constant Temperature bath	1200000
A'	Total (Non-Recurring)	1200000
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	936000 675000
2	Recurring - III : (Overhead Charges)	224880
B'	Total (Recurring)	1835880
C	Total cost of the project (A + B)	3035880

2. Sanction of the SERB is also accorded to the payment of Rs. 1200000/- (Rupees Twelve Lakh only) under 'Grants for creation of capital assets' and Rs. 611960/- (Rupees Six Lakh Eleven Thousand Nine Hundred and Sixty only) under 'Grants-in-aid General' to Principal, Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
 This release is being made under Core Research Grant. (PAC Chemical and Environmental Engineering)

4. The Sanction has been issued to Jawaharlal Nehru Technological University, Off Anantapur Bangalore Road with the approval of the competent authority under delegated powers on 26 October, 2018 and vide Diary No. SERB/F/8867/2018-2019 dated 01 November, 2018

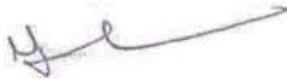
5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.


REGISTRAR
 IN T II Anantapur

DST/TMD/MES/2K16/108(G)
Government of India
Ministry of Science and Technology
Department of Science and Technology
(Technology Mission Division)

Technology Bhawan
New Mehrauli Road
New Delhi-110 016
Date: 02.06.2017

Sanction Order

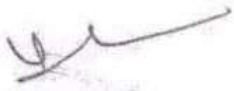
Subject: Financial support for project entitled "Design & development of Solar dish concentrator with thermal storage options for electricity generation" by submitted by Dr K. Hemachandra Reddy, Department of Mechanical Engineering, JNTUA College of Engineering, JNT University - Anantapuramu, Andhra Pradesh.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs. 55,16,500/- (Rupees Fifty five Lakh Sixteen Thousand Five Hundred Only)** for a duration of 3 years. The detailed breakup of the grant for General as well as Capital Components is given below:-

General Component: Rs. 20,56,500
Capital Component: Rs. 34,60,000

S.No	Item Head	1 st Year	2 nd Year	3 rd Year	Total (Rs)
A	Non-recurring (Capital Items)				
1	Permanent Equipments 1. 10 sq.m Solar Parabolic Dishes (Nos.3) 2. Graphite Storage (120 KWh) (Nos.1) 3. Molten Salt Storage (120 KWh) (Nos.1) 4. Cast Iron Storage (120 KWh) (Nos.1) 5. Instruments: Pyrometer, temperature, pressure sensor, RH, flow measurement, data logger, Data Acquisition System (2485 Enabled) (Nos.1) 6. Pumps(Nos.1) 7. Thermic Fluid, Piping & Insulation/Stirling Engine (2 KW) (Nos.1) 8. Stirling Engine (2 KW) (Nos.1) 9. Alternator (Nos.1) 10. Battery Bank & Inverter (Nos.1)	12,00,000	12,00,000	3,60,000	27,60,000
2	Fabrication System	2,50,000	3,50,000	1,00,000	7,00,000
	Subtotal (capital items)	14,50,000	15,50,000	4,60,000	34,60,000
B	Recurring Items (General)				
1.	Manpower	3,00,000	3,00,000	3,00,000	9,00,000
2.	Consumables	15,000	15,000	15,000	45,000
3.	Contingencies	50,000	50,000	50,000	1,50,000
4.	Travel	1,00,000	1,00,000	1,00,000	3,00,000
5.	Other Cost (Outsourced work etc), if any	60,000	60,000	40,000	1,60,000
6.	Overhead	1,67,167	1,67,167	1,67,666	5,01,500
	Subtotal (General)	6,92,167	6,92,167	6,72,166	20,56,500
C	Total cost of the project (A+B)	21,42,167	22,42,167	11,32,166	55,16,500

2. The sanction of the President is also accorded to the release of **Rs. 6,92,167/- (Rupees Six Lakh Ninety two Thousand One Hundred sixty seven Only)** to The Principal, JNTUA


REGISTRAR
J.N.T.U. Anantapur

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सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission
मानव संसाधन विकास मंत्रालय, भारत सरकार
(Ministry of Human Resource Development, Govt. of India)
बहादुरशाह जफर मार्ग नई दिल्ली - 110002
Bahadurshah Zafar Marg, New Delhi-110002



ज्ञान-विज्ञान विमुक्तये

No. F. 42-796/2013 (SR)

March, 2016

26 March 2016

The Registrar,
Jawaharlal Nehru Technological
University, Anantapur, Andhra Pradesh-515002.

Subject:- Extension of Major Research Project awarded Dr. R. Padma Suvarna,
Department of Physics by UGC during 2013.

Sir./ Madam,

I am directed to say that the tenure of the Major Research Project awarded to you has been extended by the UGC upto 31.03.2017 without any financial assistance for the extended period.

Yours faithfully,

(G. S. Aulakh)
Under Secretary


REGISTRAR
J.N.T.U Anantapur
ANANTAPURAMU 515002