

3.2.1.1 Grants from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years

Enclosed copies of grant award letters/ project completion letter/ expenditure statements and utilization certificates

Funding agency:

**Jawaharlal Nehru Technological University Hyderabad (JNTUH)
TEQIP-III**

Title of the project:

S.no.	Project title	PI/Co-PI
1.	Introducing Pulsatile flow through BLDC motor control for ventricular assist devices Ref.no. JNTUH/TEQIP-III/CRS/2019/EEE/05	Dr. Anil Kumar Puppala EEE Dept.
2.	Deep learning based smart assisting for blind people Ref.no. JNTUH/TEQIP-III/CRS/2019/EEE/07	Dr Aruna Bharathi EEE Dept.
3.	Speech Enabled IVR based On Line Market for Farmer Ref.no. JNTUH/TEQIP-III/CRS/2019/ECE/07	Dr P Sudhakar (CO-PI) ECE Dept.
4.	Synthesis and anticancer activity of novel quinoxaline-2-carbohydrazide n-oxide derivatives Ref.no. JNTUH/TEQIP-III/CRS/2019/Chemistry/04	Dr K Shashikala FE Dept.
5.	Peristaltic Transport of Nano fluids Ref.no. JNTUH/TEQIP-III/CRS/2019/Mathematics/04	Dr N. Subhadra FE Dept.
6.	Machine Learning Approach For Plant Disease Identification using Leaf Images Ref.no. JNTUH/TEQIP-III/CRS/2019/CSE/07	Dr. Ch. Ramesh Babu CSE Dept.



PROCEEDING OF THE
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
(Established by Govt. Act No. 30 of 2008)
Kukatpally, Hyderabad – 500 085, Telangana (India)
PRESENT Dr. N. YADIAH REGISTRAR

Procs No. JNTUH/TEQIP-III/CRS/2019/EEE/05

Date: 22/07/2019

Subject: Award of the project titled “Introducing Pulsatile flow through BLDC motor control for Ventricular Assist Devices” under Collaborative Research Scheme, TEQIP-III, JNTUH.

Read: Note order of the Vice-Chancellor dated 22.07.2019

ORDERS:

The project titled “Introducing Pulsatile flow through BLDC motor control for Ventricular Assist Devices” is awarded with sanctioned amount of Rs 2,50,000/- (Rupees two lakhs and fifty thousand only) under Collaborative Research Scheme, TEQIP-III, JNTUH to the following investigators.

1. Principal Investigator : **Dr. Anil Kumar Puppala**
Department Name : Electrical and Electronics Engineering
Institute Name : Geethanjali College of Engineering & Technology.
2. Co-Principal Investigator-1 : **Dr. Venkateshwarlu S.**
Department Name : Electrical and Electronics Engineering
Institute Name : CVR College of Engineering.

With the following terms and conditions to the Investigators:

1. The institute where Principal Investigator is working becomes the lead Institute.
2. An Initial grant of Rs.1,00,000/- will be released to the account of the principal of lead institute.
3. In case if both PI and Co-PI-1 are from affiliating institutions, a joint account should be operated by PI, Co-PI-1 and Principal of lead institute.
4. If Co-PI-1 is from the Constituent colleges of JNTUH (JNTUHCEH, JNTUHCEJ, JNTUHCEM, JNTUHCES), PI and Co-PI will operate a Joint account and fund will be transferred for lead institute Principal account.
5. In case, PI or Co-PI leave the institute for any reason or withdraw from the project (proper justification should be communicated to the University), he/she shall be treated as withdrawn from the project.
6. PI's and Co-PI's should fill the Forms A to F and submit to TEQIP-III JNTUH whenever required.
7. PI's and Co-PI's should submit Form A within 3 days after receiving the sanction letter.
8. PI's and Co-PI's should be present at the time of first Progress evaluation after 4 months and all other subsequent Progress Evaluations (once in 4 months) conducted at TEQIP-III JNTUH.
9. The Second Installment of Rs.1,00,000 of Research grant will be released on satisfactory performance in first Progress Evaluation and submission of Form B and Form D duly filled and signed.
10. The 3rd and final installment will be released upon submission of Form C and D and satisfactory Performance in the next Progress Evaluation.

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OFFICE OF THE TEQIP - III
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
(Established by Govt. Act No.30 of 2008)
Kukatpally, Hyderabad – 500 085, Telangana (India)

PROJECT COMPLETION CERTIFICATE

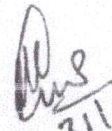
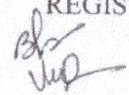
SUB: - Project completion certificate – refund of unspent balance upon submission of Utilization Certificate.

Sir/Madam,

It is acknowledged that the project sanctioned to

1. **Dr. Anil Kumar Puppala**, Geethanjali College of Engineering & Technology
2. **Dr. Venkateshwarlu S**, CVR College of Engineering

With Procs No.JNTUH/TEQIP-III/CRS/2019/EEE/05 dated on **22-07-2019** under collaborative Research scheme; TEQIP-III JNTUH is completed 30-03-2021. Out of the sanctioned amount of Rs **2,49,493/-**, utilized (including Interest) amount is Rs **2,49,493/-** and unspent amount for Rs **NIL** is refunded. In this connection Utilization certificate is submitted by Investigators in compliance to the above.


31/3/21
REGISTRAR



PRINCIPAL
Geethanjali College of Engg. and Tech.
Chilakalurthi (V), Kasara (M), Madhwal, Dist(S),-501301



PROCEEDING OF THE
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by Govt. Act No. 30 of 2008)

Kukatpally, Hyderabad – 500 085, Telangana (India)

PRESENT Dr. N. YADAVIAH REGISTRAR

Procs No. JNTUH/TEQIP-III/CRS/2019/EEE/07

Date: 22/07/2019

Subject: Award of the project titled “**Deep learning based Smart Assistant for blind People**” under Collaborative Research Scheme, TEQIP-III, JNTUH.

Read: Note order of the Vice-Chancellor dated 22.07.2019


ORDERS:

The project titled “**Deep learning based Smart Assistant for blind People**” is awarded with sanctioned amount of **Rs.2,70,000/-** (Rupees two lakhs and seventy thousand only) under Collaborative Research Scheme, TEQIP-III, JNTUH to the following investigators.

1. Principal Investigator : **Dr. Rashmi Kapoor**
Department Name : Electrical and Electronics Engineering
Institute Name : VNR Vignana Jyothi Institute of Engineering & Technology.
2. Co-Principal Investigator-1 : **Dr. M. Sushama**
Department Name : Electrical and Electronics Engineering
Institute Name : JNTUH College of Engineering Hyderabad.
3. Co-Principal Investigator-2 : **Dr. M. Aruna Bharathi**
Department Name : Electrical and Electronics Engineering
Institute Name : Geethanjali College of Engineering & Technology.

With the following terms and conditions to the Investigators:

1. The institute where Principal Investigator is working becomes the lead Institute.
2. An Initial grant of Rs.1,00,000/- will be released to the account of the principal of lead institute.
3. In case if both PI and Co-PI-1 are from affiliating institutions, a joint account should be operated by PI, Co-PI-1 and Principal of lead institute.
4. If Co-PI-1 is from the Constituent colleges of JNTUH (JNTUHCEH, JNTUHCEJ, JNTUHCEM, JNTUHCES), PI and Co-PI will operate a Joint account and fund will be transferred for lead institute Principal account.
5. In case, PI or Co-PI leave the institute for any reason or withdraw from the project (proper justification should be communicated to the University), he/she shall be treated as withdrawn from the project.
6. PI's and Co-PI's should fill the Forms A to F and submit to TEQIP-III JNTUH whenever required.
7. PI's and Co-PI's should submit Form A within 3 days after receiving the sanction letter.
8. PI's and Co-PI's should be present at the time of first Progress evaluation after 4 months and all other subsequent Progress Evaluations (once in 4 months) conducted at TEQIP-III JNTUH.
9. The Second Installment of Rs.1,00,000 of Research grant will be released on satisfactory performance in first Progress Evaluation and submission of Form B and Form D duly filled and signed.
10. The 3rd and final installment will be released upon submission of Form C and D and satisfactory Performance in the next Progress Evaluation.


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11. The project should results in at least one publication in the relevant Journal national/international (Non Payment Journal).
12. PI's and Co-PI's will be informed if there are any directions from NPIU or changes made by TEQIP-III JNTUH relevant to Collaborative Research Scheme time to time and are to be followed in due course till the completion of TEQIP-III Project
13. All non-consumables procured for the research project will automatically become the property of the lead institution after completion of the project.
14. Any deviation in the expenditure as defined in the project proposal is not accepted. In such case prior permission is necessary from the university. After obtaining necessary permission, funds should be utilized as per the revised guidelines. No deviation is accepted.
15. Any interest incurred should be deposited back to the university JNTUH, TEQIP-III Account.
16. Unspent amount as per the proposal/ Guidelines of the TEQIP within the stipulated time should be deposited back to the university TEQIP account. (Along with Interest Incurred).
17. Any discrepancy with Co Investigator and principals while implementing the project to be brought to the notice of University authorities.
18. For any discrepancies and other relevant matters, decision of the University is final.
19. Upon the completion of the Project, PI should submit final report Form E, Final Financial Statement Form F, and utilization certificate Form G along with true copy of audit report of the Project. In case if principal fails to do so, it will be recovered from institute.

With the following terms conditions to the Principals:

1. The institute where Principal Investigator is working becomes the lead Institute.
2. The grant from TEQIP-III will be transferred to Principals account of lead institution three installments.
3. A separate account for the project may be created.
4. Principal is responsible for transfer of funds to the project account within one week after the release of funds from university. In case if principal fails to do so; it will be recovered from institute.
5. Principals should permit to use existing facilities for project Implementation if requested.
6. In case if both PI and Co-PI-1 are from affiliated institute, a joint account is to be operated by PI, Co -PI-1 and Principal of lead institution
7. In case of collaborative research project carried under twinning, PI and Principal of lead institute will jointly operate the account
8. In case either PI or Co-PI-1 withdraws from the project, Principals of the respective institution shall find the replacement and inform the same to the University for Approval.
9. A declaration form duly signed by Principal (Form H) abiding the rules listed above shall be submitted along with account details within 3 days after receiving the sanction letter for the transfer of research grant.
10. Any discrepancy with PI and Co- PI, while implementing the project, to be communicated with details, to the University.
11. After the completion of every project, Principals of lead institute should ensure that all non consumables procured for projects become the property of institution and to be labeled TEQIP-III/ (Number).
12. Principal of the lead institute should submit the list of all non consumables procured for all Projects at the end of collaborative research scheme through duly filled in Form I.
13. Principals will be informed if any directions from NPIU or changes in guidelines made by TEQIP-III JNTUH relevant to the Collaborative Research Scheme from time to time. Those guidelines should be followed in due course of time, till the completion of TEQIP-III Project
14. For any discrepancies and other relevant matters, decision of the University is final.

Under the circumstances as stated above, the Vice-Chancellor is pleased to accord permission to award the project under Collaborative Research Scheme TEQIP-III, JNTUH.

The expenditure shall be met from TEQIP-III funds.

To
The Concerned Investigators
The Concerned Principals,
Copy to VC/Rector/Registrar.
Copy to Office of the TEQIP-III

[Handwritten Signature]

REGISTRAR

[Handwritten Initials]

[Handwritten Signature]
PRINCIPAL

Geethanjali College of Engg. and Tech.
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OFFICE OF THE TEQIP - III
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
(Established by Govt. Act No.30 of 2008)
Kukatpally, Hyderabad – 500 085, Telangana (India)

PROJECT COMPLETION CERTIFICATE

SUB: - Project completion certificate – refund of unspent balance upon submission of Utilization Certificate.

Sir/Madam,

It is acknowledged that the project sanctioned to

1. **Dr. Rashmi Kapoor**, VNR Vignana Jyothi Institute of Engineering & Technology
2. **Dr. M. Sushama**, JNTUH College of Engineering Hyderabad
3. **Dr.M. Aruna Bharathi**, Geethanjali College of Engineering & Technology

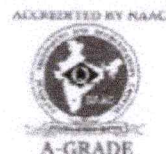
With Procs No.JNTUH/TEQIP-III/CRS/2019/EEE/07 dated on 22-07-2019 under collaborative Research scheme; TEQIP-III JNTUH is completed 30-03-2021. Out of the sanctioned amount of Rs 2,47,462/-, utilized (including Interest) amount is Rs 2,47,462/- and unspent amount for Rs NIL is refunded. In this connection Utilization certificate is submitted by Investigators in compliance to the above.

Swe

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Cheerla (V), Keerana (M), Medchal Dist. (T.S.)-501 301.

[Signature]
REGISTRAR
[Signature]

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PROCEEDING OF THE
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Kukatpally, Hyderabad – 500 085, Telangana (India)
PRESENT Dr. N. YADIAH REGISTRAR

Procs No.JNTUH/TEQIP-III/CRS/2019/ECE/07

Date:22/07/2019

Subject: Award of the project titled “Speech Enabled IVR based online market place for Farmers” under Collaborative Research Scheme, TEQIP-III, JNTUH.

Read: Note order of the Vice-Chancellor dated 22.07.2019

ORDERS:

The project titled “Speech Enabled IVR based online market place for Farmers” is awarded with sanctioned amount Rs. 2,99,000/- (Rupees Two Lakh Ninety Nine Thousand only) under Collaborative Research Scheme, TEQIP-III, JNTUH to the following investigators.

- | | |
|--------------------------------|---|
| 1. Principal Investigator | D. Mohan |
| Department Name | Electronics and Computer Engineering |
| Institute Name | Sreenidhi Institute of Science & Technology |
| 2. Co-Principal Investigator-1 | Dr. K. Anitha Sheela |
| Department Name | Electronics and Communication Engineering |
| Institute Name | JNTUH College of Engineering Hyderabad |
| 3. Co-Principal Investigator-2 | Mr. P. Sudhakar |
| Department Name | Electronics and Communication Engineering |
| Institute Name | Geethanjali College of Engineering and Technology |

With the following terms and conditions to the Investigators:

1. The institute where Principal Investigator is working becomes the lead Institute.
2. An Initial grant of Rs.1,00,000/- will be released to the account of the principal of lead institute.
3. In case if both PI and Co-PI-1 are from affiliating institutions, a joint account should be operated by PI, Co-PI-1 and Principal of lead institute.
4. If Co-PI-1 is from the Constituent colleges of JNTUH (JNTUHCEH, JNTUHCEJ, JNTUHCEM, JNTUHCES), PI and Co-PI will operate a Joint account and fund will be transferred for lead institute Principal account.
5. In case, PI or Co-PI leave the institute for any reason or withdraw from the project (proper justification should be communicated to the University), he/she shall be treated as withdrawn from the project.
6. PI's and Co-PI's should fill the Forms A to F and submit to TEQIP-III JNTUH whenever required.
7. PI's and Co-PI's should submit Form A within 3 days after receiving the sanction letter.
8. PI's and Co-PI's should be present at the time of first Progress evaluation after 4 months and all other subsequent Progress Evaluations (once in 4 months) conducted at TEQIP-III JNTUH.
9. The Second Installment of Rs.1,00,000 of Research grant will be released on satisfactory performance in first Progress Evaluation and submission of Form B and Form D duly filled and signed.
10. The 3rd and final installment will be released upon submission of Form C and D and satisfactory Performance in the next Progress Evaluation.

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Cheerla (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

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(Established by Govt. Act No.30 of 2008)
Kukatpally, Hyderabad – 500 085, Telangana (India)

PROJECT COMPLETION CERTIFICATE

SUB: - Project completion certificate – refund of unspent balance upon submission of Utilization Certificate.

Sir/Madam,

It is acknowledged that the project sanctioned to

1. **D. Mohan**, Sreenidhi Institute of Science & Technology
2. **Dr. K. Anitha Sheela**, JNTUH College of Engineering Hyderabad
3. **Mr. P. Sudhakar**, Geethanjali College of Engineering and Technology

With Procs No.JNTUH/TEQIP-III/CRS/2019/ECE/07 dated on 22-07-2019 under collaborative Research scheme; TEQIP-III JNTUH is completed. Out of the sanctioned amount of Rs 2,99,000/-, utilized amount (including Interest) is Rs 3,01,061/- and unspent amount for Rs NIL is refunded. In this connection Utilization certificate is submitted by Investigators in compliance to the above.


REGISTRAR



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**PROCEEDING OF THE
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(Established by Govt. Act No. 30 of 2008)

Kukatpally, Hyderabad – 500 085, Telangana (India)

PRESENT Dr. N. YADIAH REGISTRAR

Procs No..JNTUH/TEQIP-III/CRS/2019/ Chemistry/04

Date:25/09/2019

Subject: Award of the project titled “**A facile synthesis and anticancer activity of novel quinoxaline-2-carbohydrazide N-oxide derivatives.**” under Collaborative Research Scheme, TEQIP-III, JNTUH.

Read: Note order of the Vice-Chancellor dated 17.09.2019

ORDERS:

The project titled “**A facile synthesis and anticancer activity of novel quinoxaline-2-carbohydrazide N-oxide derivatives.**” is awarded with sanctioned amount of Rs.2,50,000/- (Rupees Two lakhs fifty thousand only) under Collaborative Research Scheme, TEQIP-III, JNTUH to the following investigators.

1. Principal Investigator : **Dr.K.Shashikala**
Department Name : Chemistry
Institute Name : Geethanjali College of Engineering & Technology
2. Co-Principal Investigator-1 : **Dr.T. Thirumala Chary**
Department Name : Chemistry
Institute Name : JNTUH College of Engineering Hyderabad
3. Co-Principal Investigator-2 : **Dr.S.Srilatha**
Department Name : Chemistry
Institute Name : ACE Engineering College

With the following terms and conditions to the Investigators:

1. The institute where Principal Investigator is working becomes the lead Institute.
2. An Initial grant of Rs.1,00,000/- will be released to the account of the principal of lead institute.
3. A joint account should be operated by PI, Co-PI-1 and Principal of lead institute.
4. In case, PI or Co-PI leave the institute for any reason or withdraw from the project (proper justification should be communicated to the University), he/she shall be treated as withdrawn from the project.
5. PI's and Co-PI's should fill the Forms A to F and submit to TEQIP-III JNTUH whenever required.
6. PI's and Co-PI's should submit Form A within 3 days after receiving the sanction letter.
7. PI's and Co-PI's should be present at the time of first Progress evaluation after 4 months and all other subsequent Progress Evaluations (once in 4 months) conducted at TEQIP-III JNTUH.
8. The Second Installment of Rs.50,000 of Research grant will be released on satisfactory performance in first Progress Evaluation and submission of Form B and Form D duly filled and signed.
9. The 3rd and final installment will be released upon submission of Form C and D and satisfactory Performance in the next Progress Evaluation.
10. The project should results in at least one publication in the relevant Journal national/international (Non Payment Journal).
11. PI's and Co-PI's will be informed if there are any directions from NPIU or changes made by TEQIP-III JNTUH relevant to Collaborative Research Scheme time to time and are to be followed in due course till

PRINCIPAL
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12. All non-consumables procured for the research project will automatically become the property of the lead institution after completion of the project.
13. Any deviation in the expenditure as defined in the project proposal is not accepted. In such case prior permission is necessary from the university. After obtaining necessary permission, funds should be utilized as per the revised guidelines. No deviation is accepted.
14. Any interest incurred should be deposited back to the university JNTUH, TEQIP-III Account.
15. Unspent amount as per the proposal/ Guidelines of the TEQIP within the stipulated time should be deposited back to the university TEQIP account. (Along with Interest Incurred).
16. Any discrepancy with Co Investigator and principals while implementing the project to be brought to the notice of University authorities.
17. For any discrepancies and other relevant matters, decision of the University is final.
18. Upon the completion of the Project, PI should submit final report Form E, Final Financial Statement Form F, and utilization certificate Form G along with true copy of audit report of the Project. In case if principal fails to do so, it will be recovered from institute.

With the following terms conditions to the Principals:

1. The institute where Principal Investigator is working becomes the lead Institute.
2. The grant from TEQIP-III will be transferred to Principals account of lead institution in three installments.
3. A separate account for the project may be created.
4. Principal is responsible for transfer of funds to the project account within one week after the release of funds from university. In case if principal fails to do so, it will be recovered from institute.
5. Principals should permit to use existing facilities for project Implementation if requested.
6. In case if both PI and Co-PI-1 are from affiliated institute, a joint account is to be operated by PI, Co -PI-1 and Principal of lead institution
7. In case of collaborative research project carried under twinning, PI and Principal of lead institute will jointly operate the account
8. In case either PI or Co-PI-1 withdraws from the project, Principals of the respective institution shall find the replacement and inform the same to the University for Approval.
9. A declaration form duly signed by Principal (Form H) abiding the rules listed above shall be submitted along with account details within 3 days after receiving the sanction letter for the transfer of research grant.
10. Any discrepancy with PI and Co- PI, while implementing the project, to be communicated with details, to the University.
11. After the completion of every project, Principals of lead institute should ensure that all non consumables procured for projects become the property of institution and to be labeled TEQIP-III/ (Number).
12. Principal of the lead institute should submit the list of all non consumables procured for all Projects at the end of collaborative research scheme through duly filled in Form I.
13. Principals will be informed if any directions from NPIU or changes in guidelines made by TEQIP-III JNTUH relevant to the Collaborative Research Scheme from time to time. Those guidelines should be followed in due course of time, till the completion of TEQIP-III Project
14. For any discrepancies and other relevant matters, decision of the University is final.

Under the circumstances as stated above, the Vice-Chancellor is pleased to accord permission to award the project under Collaborative Research Scheme TEQIP-III, JNTUH.

The expenditure shall be met from TEQIP-III funds.

To
The Concerned Investigators
The Concerned Principals, of lead Institute

Copy to PA to VC/Rector/Registrar.
Copy to Office of the TEQIP-III

M. Srinivas
REGISTRAR

S. Srinivas
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Geethanjali College of Engg. and Tech.
Cheeryal (V), Keesara (M), Medchal Dist.(T.S.)-501 301.

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OFFICE OF THE TEQIP - III
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
(Established by Govt. Act No.30 of 2008)
Kukatpally, Hyderabad – 500 085, Telangana (India)

PROJECT COMPLETION CERTIFICATE

SUB: - Project completion certificate – refund of unspent balance upon submission of Utilization Certificate.

Sir/Madam,

It is acknowledged that the project sanctioned to

1. **Dr.K.Shashikala**, Geethanjali College of Engineering & Technology
2. **Dr.T. Thirumala Chary**, JNTUH College of Engineering Hyderabad

With Procs No.JNTUH/TEQIP-III/CRS/2019/Chemistry/04 dated on 24-09-2019 under collaborative Research scheme; TEQIP-III JNTUH is completed 31-03-2021. Out of the sanctioned amount of Rs 2,50,000/-, utilized (including Interest) amount is Rs 2,51,379 /- and unspent amount for Rs 60/- is refunded. In this connection Utilization certificate is submitted by Investigators in compliance to the above.

REGISTRAR

PRINCIPAL
Geethanjali College of Engg. and Tech.
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PROCEEDING OF THE
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by Govt. Act No. 30 of 2008)

Kukatpally, Hyderabad - 500 085, Telangana (India)

PRESENT DR. N. YADAVAH REGISTRAR

Proc. No. JNTUH/TEQIP-III/CRS/2019/ Mathematics/04

Date: 25/09/2019

Subject: Award of the project titled "Peristaltic Transport of Nanofluids" under Collaborative Research Scheme, TEQIP-III, JNTUH

Read: Note order of the Vice-Chancellor dated 17/09/2019


ORDERS.

The project titled "Peristaltic Transport of Nanofluids" is awarded with sanctioned amount of Rs. 2,00,000/- (Rupees Two lakhs only) under Collaborative Research Scheme, TEQIP-III, JNTUH to the following investigators.

1. Principal Investigator : **Dr. N.Subadra**
Department Name : Mathematics
Institute Name : Geethanjali College of Engineering & Technology
2. Co-Principal Investigator-1 : **Dr. M.A.Srinivas**
Department Name : Mathematics
Institute Name : JNTUH College of Engineering Hyderabad
3. Co-Principal Investigator-2 : **Dr. Sunil Dutt Purohit**
Department Name : Mathematics
Institute Name : Rajasthan Technical University

With the following terms and conditions to the Investigators:

1. The institute where Principal Investigator is working becomes the lead Institute.
2. An Initial grant of Rs. 1,00,000/- will be released to the account of the principal of lead institute.
3. A joint account should be operated by PI, Co-PI-1 and Principal of lead institute.
4. In case, PI or Co-PI leave the institute for any reason or withdraw from the project (proper justification should be communicated to the University), he/she shall be treated as withdrawn from the project.
5. PI's and Co-PI's should fill the Forms A to F and submit to TEQIP-III JNTUH whenever required.
6. PI's and Co-PI's should submit Form A within 3 days after receiving the sanction letter.
7. PI's and Co-PI's should be present at the time of first Progress evaluation after 4 months and all other subsequent Progress Evaluations (once in 4 months) conducted at TEQIP-III JNTUH.
8. The Second Installment of Rs. 50,000 of Research grant will be released on satisfactory performance in first Progress Evaluation and submission of Form B and Form D duly filled and signed.
9. The 3rd and final installment will be released upon submission of Form C and D and satisfactory Performance in the next Progress Evaluation.
10. The project should results in at least one publication in the relevant Journal national/international (Non Payment Journal).
11. PI's and Co-PI's will be informed if there are any directions from NPIU or changes made by TEQIP-III JNTUH relevant to Collaborative Research Scheme time to time and are to be followed in due course till the completion of TEQIP-III Project


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Cheerla (V), Keasara (M), Medchal Dist.(T.S.)-501 304.

12. All non-consumables procured for the research project will automatically become the property of the lead institution after completion of the project.
13. Any deviation in the expenditure as defined in the project proposal is not accepted. In such case prior permission is necessary from the university. After obtaining necessary permission, funds should be utilized as per the revised guidelines. No deviation is accepted.
14. Any interest incurred should be deposited back to the university JNTUH, TEQIP-III Account.
15. Unspent amount as per the proposal/ Guidelines of the TEQIP within the stipulated time should be deposited back to the university TEQIP account. (Along with Interest Incurred).
16. Any discrepancy with Co Investigator and principals while implementing the project to be brought to the notice of University authorities.
17. For any discrepancies and other relevant matters, decision of the University is final.
18. Upon the completion of the Project, PI should submit final report Form E, Final Financial Statement Form F, and utilization certificate Form G along with true copy of audit report of the Project. In case if principal fails to do so, it will be recovered from institute.

With the following terms conditions to the Principals:

1. The institute where Principal Investigator is working becomes the lead Institute.
2. The grant from TEQIP-III will be transferred to Principals account of lead institution in three installments.
3. A separate account for the project may be created.
4. Principal is responsible for transfer of funds to the project account within one week after the release of funds from university. In case if principal fails to do so, it will be recovered from institute.
5. Principals should permit to use existing facilities for project Implementation if requested.
6. In case if both PI and Co-PI-1 are from affiliated institute, a joint account is to be operated by PI, Co -PI-1 and Principal of lead institution
7. In case of collaborative research project carried under twinning, PI and Principal of lead institute will jointly operate the account
8. In case either PI or Co-PI-1 withdraws from the project, Principals of the respective institution shall find the replacement and inform the same to the University for Approval.
9. A declaration form duly signed by Principal (Form H) abiding the rules listed above shall be submitted along with account details within 3 days after receiving the sanction letter for the transfer of research grant.
10. Any discrepancy with PI and Co- PI, while implementing the project, to be communicated with details, to the University.
11. After the completion of every project, Principals of lead institute should ensure that all non consumables procured for projects become the property of institution and to be labeled TEQIP-III/ (Number).
12. Principal of the lead institute should submit the list of all non consumables procured for all Projects at the end of collaborative research scheme through duly filled in Form I.
13. Principals will be informed if any directions from NPIU or changes in guidelines made by TEQIP-III JNTUH relevant to the Collaborative Research Scheme from time to time. Those guidelines should be followed in due course of time, till the completion of TEQIP-III Project
14. For any discrepancies and other relevant matters, decision of the University is final.

Under the circumstances as stated above, the Vice-Chancellor is pleased to accord permission to award the project under Collaborative Research Scheme TEQIP-III, JNTUH.

The expenditure shall be met from TEQIP-III funds.

To
The Concerned Investigators
The Concerned Principals, of lead Institute

Copy to PA to VC/Rector/Registrar.
Copy to Office of the TEQIP-III

Sue
PRINCIPAL
Geethanjali College of Engg. and Tech.
Cheeryl (V), Keasara (M), Medchal Dist.(T.S.)-501 301.

H. S. S. S.
REGISTRAR
ds

FORM G
(Final Financial Statement)

1. Sanction letter no.

Proc No. INTU/IT/TEQIP/IT/CRS/2019/Mathematics/04

2. Total Project Cost Rs. 2,00,000

Sanction Revised Project cost (if applicable) Rs. 2,00,000

3. Date of Commencement of Project 17/09/2019

4. Date of completion of project 28/02/2021

5. Grant revised in each year (financial)

Sl No.	Sanctioned Heads	Funds Allocated (Rs.)	Balance (if any)			Remarks			
			I Installment	II Installment	III Installment	Total			
1	2	3	4	5	6	7	8	9	10
1.	Manpower	30,000	15,000	15,000	-		30,000		
2.	Non-Consumables	60,000	19,967	40,033	-		60,000		
3.	Consumables								
4.	Travel	20,000	20,000	-	-		20,000		
5.	Field Visit	20,000	6717	-	13283		20,000		
6.	Overhead Expenses	40,000	10,000	-	30,000		40,000		
7.	Others (if any)	30,000	7,090	20,312	806+817+3600=5223		32,625		
8.	Bank Charges				262		262		
	Total	2,00,000	78,774	75,345	48,768		2,02,887.00		

Amount to be refunded/ reimbursed (whichever is appropriate): Nil

Signature of the:

a) Principal Investigator: *S. Subh*

b) Co-Investigator-I: *M. S. S. S.*

c) Co-Investigator-II



Signature of the Head of the Institution with Seal

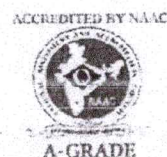
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PROCEEDING OF THE
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by Govt. Act No. 30 of 2008)

Kukatpally, Hyderabad – 500 085, Telangana (India)

PRESENT Dr. N. YADIAH REGISTRAR

Procs No.JNTUH/TEQIP-III/CRS/2019/CSE/07

Date:22/07/2019

Subject: Award of the project titled “Machine Learning Approach For Plant Disease Identification using Leaf Images” under Collaborative Research Scheme, TEQIP-III, JNTUH.

Read: Note order of the Vice-Chancellor dated 22.07.2019


ORDERS:

The project titled “Machine Learning Approach For Plant Disease Identification using Leaf Images” is awarded with sanctioned amount of Rs Rs.2,95,000/- (Rupees Two Lakh Ninety Five Thousand Only) under Collaborative Research Scheme, TEQIP-III, JNTUH to the following investigators.

- | | |
|--------------------------------|--|
| 1. Principal Investigator | Dr. Ch. Ramesh Babu |
| Department Name | Computer Science and Engineering |
| Institute Name | Geethanjali College of Engineering & Technology |
| 2. Co-Principal Investigator-1 | Dr. Damavalam Srinivasa Rao |
| Department Name | Information Technology |
| Institute Name | VNR Vignana Jyothi Institute of Engineering & Technology |
| 3. Co-Principal Investigator-2 | V.Sravan Kiran |
| Department Name | Information Technology |
| Institute Name | St.Martin's Engineering College |

With the following terms and conditions to the Investigators:

1. The institute where Principal Investigator is working becomes the lead Institute.
2. An Initial grant of Rs.1,00,000/- will be released to the account of the principal of lead institute.
3. In case if both PI and Co-PI-1 are from affiliating institutions, a joint account should be operated by PI, Co-PI-1 and Principal of lead institute.
4. If Co-PI-1 is from the Constituent colleges of JNTUH (JNTUHCEH, JNTUHCEJ, JNTUHCEM, JNTUHCES), PI and Co-PI will operate a Joint account and fund will be transferred for lead institute Principal account.
5. In case, PI or Co-PI leave the institute for any reason or withdraw from the project (proper justification should be communicated to the University), he/she shall be treated as withdrawn from the project.
6. PI's and Co-PI's should fill the Forms A to F and submit to TEQIP-III JNTUH whenever required.
7. PI's and Co-PI's should submit Form A within 3 days after receiving the sanction letter.
8. PI's and Co-PI's should be present at the time of first Progress evaluation after 4 months and all other subsequent Progress Evaluations (once in 4 months) conducted at TEQIP-III JNTUH.
9. The Second Installment of Rs.1,00,000 of Research grant will be released on satisfactory performance in first Progress Evaluation and submission of Form B and Form D duly filled and signed.
10. The 3rd and final installment will be released upon submission of Form C and D and satisfactory Performance in the next Progress Evaluation.


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11. The project should results in at least one publication in the relevant Journal national/international (Non Payment Journal).
12. PI's and Co-PI's will be informed if there are any directions from NPIU or changes made by TEQIP-III JNTUH relevant to Collaborative Research Scheme time to time and are to be followed in due course till the completion of TEQIP-III Project
13. All non-consumables procured for the research project will automatically become the property of the lead institution after completion of the project.
14. Any deviation in the expenditure as defined in the project proposal is not accepted. In such case prior permission is necessary from the university. After obtaining necessary permission, funds should be utilized as per the revised guidelines. No deviation is accepted.
15. Any interest incurred should be deposited back to the university JNTUH, TEQIP-III Account.
16. Unspent amount as per the proposal/ Guidelines of the TEQIP within the stipulated time should be deposited back to the university TEQIP account. (Along with Interest Incurred).
17. Any discrepancy with Co Investigator and principals while implementing the project to be brought to the notice of University authorities.
18. For any discrepancies and other relevant matters, decision of the University is final.
19. Upon the completion of the Project, PI should submit final report Form E, Final Financial Statement Form F, and utilization certificate Form G along with true copy of audit report of the Project. In case if principal fails to do so, it will be recovered from institute.

With the following terms conditions to the Principals:

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12. Principal of the lead institute should submit the list of all non consumables procured for all Projects at the end of collaborative research scheme through duly filled in Form I.
13. Principals will be informed if any directions from NPIU or changes in guidelines made by TEQIP-III JNTUH relevant to the Collaborative Research Scheme from time to time. Those guidelines should be followed in due course of time, till the completion of TEQIP-III Project
14. For any discrepancies and other relevant matters, decision of the University is final.

Under the circumstances as stated above, the Vice-Chancellor is pleased to accord permission to award the project under Collaborative Research Scheme TEQIP-III, JNTUH.

The expenditure shall be met from TEQIP-III funds.

[Handwritten Signature]

REGISTRAR

To
The Concerned Investigators
The Concerned Principals,
Copy to VC/Rector/Registrar.
Copy to Office of the TEQIP-III

PRINCIPAL
Goethanjan College of Engg. and Tech.
Cheerjal (V), Keesara (M), Madhwal Dist. (I.S.)-501 301.