



# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/001

Date: 01.06.2021

To,  
Dr Ashutosh Awasthi-Principal Investigator (PI)  
Assistant Professor  
College of Agriculture Sciences  
Teerthanker Mahaveer University  
Moradabad

Sub: Regarding sanction of "Seed Money" for your research project titled "Evaluation of bio-agents and biofertilizers for enhancing crop productivity under organic/integrated farming".

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled "Evaluation of bio-agents and biofertilizers for enhancing crop productivity under organic/integrated farming", the seed money tuning to the amount of Rs One Lakh only has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:

The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample





units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: ONE year only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

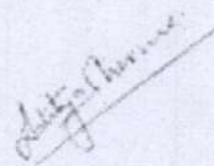
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-College of Agriculture Sciences







# TEERTHANKER MAHAVEER UNIVERSITY

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Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/002

Date: 19.06.2021

To,  
Dr Souvik Sur-Principal Investigator (PI)  
Assistant Professor  
Department of Chemistry  
Faculty of Engineering  
Teerthanker Mahaveer University  
Moradabad

Sub: Regarding sanction of "Seed Money" for your research project titled "Study of DNA Recognition, using Oligonucleotide-Benzimidazole/Benzothiazole Conjugates and its Biological aspects".

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled "Study of DNA Recognition, using Oligonucleotide-Benzimidazole/Benzothiazole Conjugates and its Biological aspects", the seed money tuning to the amount of Rs Two Lakh Sixty-Six Thousand Four Hundred Forty-Five only has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: **ONE year only**

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

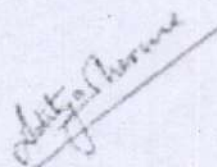
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-CCSIT/FoE







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Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/003

Date: 21.08.2021

To,

Dr Harveer Singh Cheema-Principal Investigator (PI)

Assistant Professor

College of Agriculture Sciences

Teerthanker Mahaveer University

Moradabad

Sub: Regarding sanction of "Seed Money" for your research project titled "Plant Growth and Disease Combat Promoting Potential of Endophytes Isolated from Aquatic/Wetland Medicinal Plants".

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled "Plant Growth and Disease Combat Promoting Potential of Endophytes Isolated from Aquatic/Wetland Medicinal Plants", the seed money tuning to the amount of Rs One Lakh Ninety-Five Thousand only has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: TWO years only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

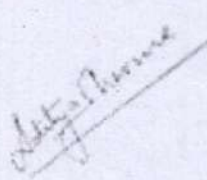
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,

  
(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-Agriculture Sciences







# TEERTHANKER MAHAVEER UNIVERSITY

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Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Date: 29.10.2021

Ref. : TMU/R.O./2020-21/SeedMoney/004

To,  
Prof Rakesh Kumar Dwivedi-Principal Investigator (PI)  
Principal  
College of Computing Sciences and Information Technology/ FoE  
Teerthanker Mahaveer University  
Moradabad

Sub: **Regarding sanction of "Seed Money" for your research project titled "Health Monitoring and disease identification system for pulses".**

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled **"Health Monitoring and disease identification system for pulses"**, the seed money tuning to the amount of **Rs Two Lakh only** has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

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1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: **TWO years only**

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

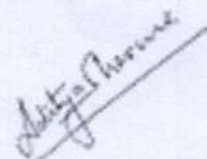
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-CCSIT







# TEERTHANKER MAHAVEER UNIVERSITY

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Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/005

Date: 29.10.2021

To,  
Dr Vinay Kumar Mishra-Principal Investigator (PI)  
Associate Professor  
College of Computing Sciences and Information Technology  
Teerthanker Mahaveer University  
Moradabad

Sub: **Regarding sanction of "Seed Money" for your research project titled "Navigation aid for visually challenged".**

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled **"Navigation aid for visually challenged"**, the seed money tuning to the amount of **Rs Eighty Thousand only** has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
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- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

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1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

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- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: One year only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCiP)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

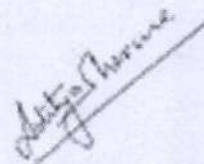
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-CCSIT







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/006

Date: 29.10.2021

To,  
Dr Shambhu Bhardwaj-Principal Investigator (PI)  
Associate Professor  
College of Computing Sciences and Information Technology  
Teerthanker Mahaveer University  
Moradabad

Sub: **Regarding sanction of "Seed Money" for your research project titled "Method for using municipal solid waste in construction".**

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled **"Method for using municipal solid waste in construction"**, the seed money tuning to the amount of **Rs One Lakh Eighty Thousand only** has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: **One year only**

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

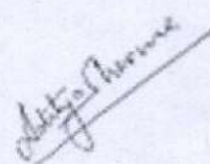
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-CCSIT







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/007

Date: 29.10.2021

To,  
Dr Arpit Jain-Principal Investigator (PI)  
Associate Professor  
College of Computing Sciences and Information Technology  
Teerthanker Mahaveer University  
Moradabad

**Sub: Regarding sanction of "Seed Money" for your research project titled "Smart assistive head-band for closed environment navigation for visually impaired".**

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled **"Smart assistive head-band for closed environment navigation for visually impaired"**, the seed money tuning to the amount of **Rs One Lakh Fifty Six Thousand only** has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: One year only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

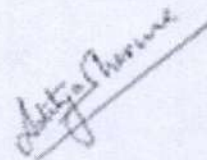
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-CCSIT







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/008

Date: 29.10.2021

To, <sup>Kumar</sup>  
Dr Ashendra Saxena-Principal Investigator (PI)  
Professor  
College of Computing Sciences and Information Technology  
Teerthanker Mahaveer University  
Moradabad

Sub: **Regarding sanction of "Seed Money" for your research project titled "Navigation System inside an organization (Hospital, University)".**

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled **"Navigation System inside an organization (Hospital, University)".**, the seed money tuning to the amount of **Rs One Lakh only** has been sanctioned for your above research project with the following terms and conditions:

- 1.1. **Suggestion of Expert Committee:** "research methodology to be more elaborated and submitted for approval".
- 1.2. The PI who will be the contact person for all administrative matters regarding the project.
- 1.3. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.4. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.5. The funds have to be utilized within the stipulated period.
- 1.6. The grant money has to be utilized in accordance with the approved budget.
- 1.7. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.8. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.9. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.10. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.11. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.12. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.13. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.14 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.15. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: One year only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

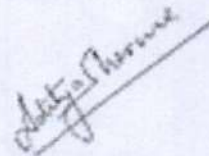
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-CCSIT







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/009

Date: 29.10.2021

To,  
Dr Subash Chandra Dhinda-Principal Investigator (PI)  
Professor  
College of Pharmacy  
Teerthanker Mahaveer University  
Moradabad

Sub: Regarding sanction of "Seed Money" for your research project titled "Formulation and Evaluation of Rifampicin Loaded Mannosylated Lipid Polymer Hybrid Nanoparticles for Targeting Alveolar Macrophage".

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled "Formulation and Evaluation of Rifampicin Loaded Mannosylated Lipid Polymer Hybrid Nanoparticles for Targeting Alveolar Macrophage", the seed money tuning to the amount of Rs Two Lakh Fifty Thousand only has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

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1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: One year only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

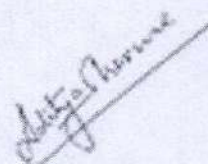
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-College of Pharmacy







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/010

Date: 29.10.2021

To,  
Dr Omprakash Goshain-Principal Investigator (PI)  
Associate Professor  
College of Pharmacy  
Teerthanker Mahaveer University  
Moradabad

**Sub: Regarding sanction of "Seed Money" for your research project titled "Design, Synthesis, Characterization and Preliminary Antihypertensive Screening of some novel 1, 4-Dihydropyridine Derivatives".**

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled **"Design, Synthesis, Characterization and Preliminary Antihypertensive Screening of some novel 1, 4-Dihydropyridine Derivatives"**, the seed money tuning to the amount of **Rs Sixty Thousand only** has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: Two years only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

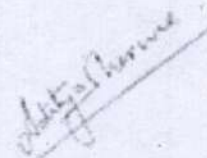
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-College of Pharmacy







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/011

Date: 29.10.2021

To,  
Dr Anurag Verma-Principal Investigator (PI)  
Principal  
College of Pharmacy  
Teerthanker Mahaveer University  
Moradabad

Sub: Regarding sanction of "Seed Money" for your research project titled "Development of a Hair Care Formulation to prevent Hair Loss and Premature Greying of Hairs".

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled "Development of a Hair Care Formulation to prevent Hair Loss and Premature Greying of Hairs", the seed money tuning to the amount of Rs Two lakhs Seventy Thousand only has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13. Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: One year only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCl)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

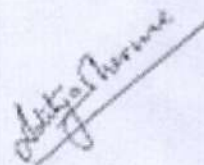
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-College of Pharmacy







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref.: TMU/R.O./2020-21/SeedMoney/012

Date: 29.10.2021

To,  
Dr Ruchi Kant - Principal Investigator (PI)  
Associate Professor  
College of Paramedical Sciences  
Teerthanker Mahaveer University  
Moradabad

Sub: **Regarding sanction of "Seed Money" for your research project titled "Covid-19 Vaccine induced thrombosis & thrombocytopenia in female during peri-menopause".**

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled **"Covid-19 Vaccine induced thrombosis & thrombocytopenia in female during peri-menopause"**, the seed money tuning to the amount of **Rs Fifty Five Thousand only** has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: 10 Months only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

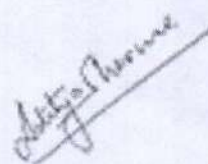
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-College of Paramedical Sciences







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Date: 29.10.2021

Ref. : TMU/R.O./2020-21/SeedMoney/013

To,  
Dr Arun Kumar K V - Principal Investigator (PI)  
Professor  
Dental College and Research Centre  
Teerthanker Mahaveer University  
Moradabad

Sub: Regarding sanction of "Seed Money" for your research project titled "Oral Squamous Cell Carcinoma Diagnosis by means of Levels of Salivary Biomarkers, NUSI, and RCN1-A Longitudinal Study".

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled "Oral Squamous Cell Carcinoma Diagnosis by means of Levels of Salivary Biomarkers, NUSI, and RCN1-A Longitudinal Study", the seed money tuning to the amount of Rs One Lakh Thirty Thousand only has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: 1 Year 3 Months only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

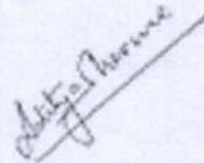
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-Dental College & Research Centre







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/014

Date: 29.10.2021

To,  
Dr Arun Kumar K V - Principal Investigator (PI)  
Professor  
Dental College and Research Centre  
Teerthanker Mahaveer University  
Moradabad

**Sub: Regarding sanction of "Seed Money" for your research project titled "Tongue Cancer and the Role of Transmembrane Glycoprotein FAM171A1 – An Observational Study".**

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled **"Tongue Cancer and the Role of Transmembrane Glycoprotein FAM171A1 – An Observational Study"**, the seed money tuning to the amount of **Rs Two Lakh only** has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: 1 Year 3 Months only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

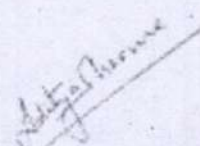
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-Dental College & Research Centre







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Date: 29.10.2021

Ref.: TMU/R.O./2020-21/SeedMoney/015

To,  
Dr Ankita Jain - Principal Investigator (PI)  
Associate Professor  
Dental College and Research Centre  
Teerthanker Mahaveer University  
Moradabad

Sub: Regarding sanction of "Seed Money" for your research project titled "Antibacterial Efficacy of Manuka Honey, Ocimum Sanctum, Curcuma Longa and 0.2% Chlorhexidine Mouthwash on the Level of Streptococcus Mutans and Lactobacillus Acidophilus: A Randomized Clinical Trial".

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled "Antibacterial Efficacy of Manuka Honey, Ocimum Sanctum, Curcuma Longa and 0.2% Chlorhexidine Mouthwash on the Level of Streptococcus Mutans and Lactobacillus Acidophilus: A Randomized Clinical Trial", the seed money tuning to the amount of Rs Sixty Eight Thousand Six Hundred only has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: 5 Months only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

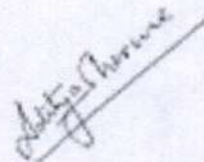
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-Dental College & Research Centre







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/016

Date: 29.10.2021

To,  
Dr Upender Malik - Principal Investigator (PI)  
Professor  
Dental College and Research Centre  
Teerthanker Mahaveer University  
Moradabad

Sub: Regarding sanction of "Bovine Colostrum and Nigella Sativa in the Management of OSME: A Comparative Clinical Prospective Study".

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled "**Bovine Colostrum and Nigella Sativa in the Management of OSME: A Comparative Clinical Prospective Study**", the seed money tuning to the amount of Rs One Lakh Twenty Eight Thousand **Two Hundred only** has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: 1 Year only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

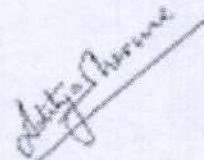
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II.
  1. Associate Dean-Academics
  2. Principal-Dental College & Research Centre







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref.: TMU/R.O./2020-21/SeedMoney/017

Date: 29.10.2021

To,  
Dr Ramakrishna Yeluri - Principal Investigator (PI)  
Professor  
Dental College and Research Centre  
Teerthanker Mahaveer University  
Moradabad

**Sub: Regarding sanction of "Effects of various Intracanal Calcium Hydroxide dressing Material on pH changes simulated external Root Restoration defects".**

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled **"Effects of various Intracanal Calcium Hydroxide dressing Material on pH changes simulated external Root Restoration defects"**, the seed money tuning to the amount of **Rs Eighty Nine Thousand Five Hundred only** has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: 1 Years only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

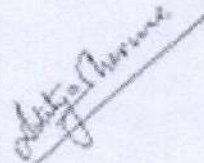
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II.
  1. Associate Dean-Academics
  2. Principal-Dental College & Research Centre







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/008

Date: 29.10.2021

To,  
Dr Asim Ahmad - Principal Investigator (PI)  
Professor  
Department of Chemistry, Faculty of Engineering  
Teerthanker Mahaveer University  
Moradabad

Sub: Regarding sanction of "Bio-Synthesis of Bio-Fertilizers from Biodegradable Solid Wastes by Spraying Liquid Culture of Specific Micro-organisms".

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled "Bio-Synthesis of Bio-Fertilizers from Biodegradable Solid Wastes by Spraying Liquid Culture of Specific Micro-organisms", the seed money tuning to the amount of Rs Two Lakh only has been sanctioned for your above research project with the following terms and conditions:

1.1. **Suggestion of Expert Committee:** "The Project research project needed revision in the light of national status, methodology research output and current references, and submitted for approval".

1.2. The PI who will be the contact person for all administrative matters regarding the project.

1.3. The PI is responsible for the conduct of the research in accordance with the University research policy.

1.4. Procurement, utilization and maintenance of equipment will be as per University policy.

1.5. The funds have to be utilized within the stipulated period.

1.6. The grant money has to be utilized in accordance with the approved budget.

1.7. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.

1.8. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.

1.9. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.

1.10. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.11. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.12. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.13. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.14 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.15. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: One year only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

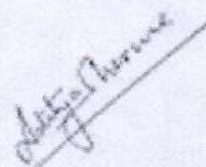
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal- FoE CS







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: [registrar@tmu.ac.in](mailto:registrar@tmu.ac.in)

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/019

Date: 29.10.2021

To,  
Dr Anil Kumar Singh - Principal Investigator (PI)  
Associate Professor  
Department of Chemistry, Faculty of Engineering  
Teerthanker Mahaveer University  
Moradabad

**Sub: Regarding sanction of "Kinetics and Mechanism of Acid catalised hydrolysis of Ethyl Nicotinate in different aqueous solvents system".**

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled **"Kinetics and Mechanism of Acid catalised hydrolysis of Ethyl Nicotinate in different aqueous solvents system"**, the seed money tuning to the amount of **Rs One Lakh only** has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report (Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate (Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: One year only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme.





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

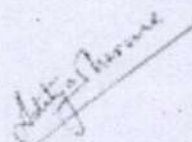
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,



(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-FoE CS







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: registrar@tmu.ac.in

Phone No.: 0591-2476813

Date: 24.02.2022

Ref.: TMU/R.O./2020-21/SeedMoney/028

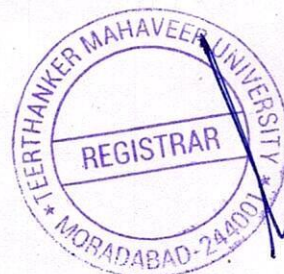
To,  
Dr Diptonil Banerjee-Principal Investigator (PI)  
Associate Professor  
Department of Physics, Faculty of Engineering  
Teerthanker Mahaveer University  
Moradabad

Sub: Regarding sanction of "Seed Money" for your research project titled "Porous Amorphous Carbon Nanostructures and Related Composites for the Removal of Textile Dyes and Heavy Metals from Water".

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled "Porous Amorphous Carbon Nanostructures and Related Composites for the Removal of Textile Dyes and Heavy Metals from Water", the seed money tuning to the amount of Rs Two Lakh Thirty Thousand only has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

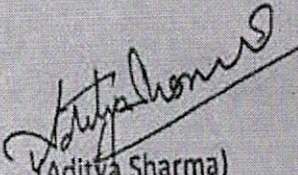
4.4. Set up of research facilities in the University.

4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you  
With regards,

  
(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-FoE CS





Phone No.: 0591-2476813

Ref.: TMU/R.O./2020-21/SeedMoney/035

Date: 10.06.2022

To,  
Prof. (Dr.) S.P. Pandey-Principal Investigator (PI)  
Professor  
Department of Physics, Faculty of Engineering  
Teerthanker Mahaveer University  
Moradabad

Sub: Regarding sanction of "Seed Money" for your research project titled "Development of Biopolymer Electrolyte for Photo-Electrochemical Devices".

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled "Development of Biopolymer Electrolyte for Photo-Electrochemical Devices", the seed money tuning to the amount of Rs Three LakhEighty Five Thousand only has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:

Received  
*[Signature]*





including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

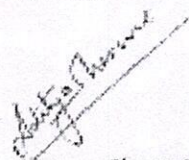
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,

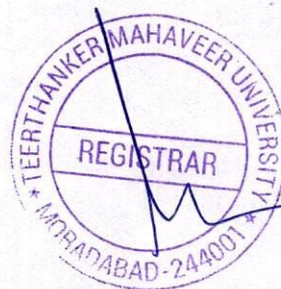
  
(Aditya Sharma)  
Registrar

Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics  
2. Principal-Faculty of Engineering







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: registrar@tmu.ac.in

Phone No.: 0591-2476813

Ref.: TMU/R.O./2020-21/SeedMoney/038

Date: 02.08.2022

To,  
Dr. K. K. Sharma-Principal Investigator (PI)  
Associate Professor  
College of Pharmacy  
Teerthanker Mahaveer University  
Moradabad

Sub: Regarding sanction of "Seed Money" for your research project titled "Pharmacological and Molecular Role of Various Neuroprotective Modulators in Pain & Neurological Disorders".

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled "Pharmacological and Molecular Role of Various Neuroprotective Modulators in Pain & Neurological Disorders", the seed money tuning to the amount of Rs TwoLakh Sixty Eight Thousand only has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
- 1.7. In any research communication arising out of the funded project, the contribution of the University should be duly acknowledged.
- 1.8. In case PI leaves the University before the completion of project, a co-investigator from TMU will assume responsibility as PI. No collaborator from another institution can become PI under this condition.
- 1.9. To ensure that the selected projects have a high probability of achieving their goals, the PI must assess all the likely risk factors as follows:





The PI must mention all the potential and specific risk factors (e.g., unpredictable events that may prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample/units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc.). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

1.10. The PI has to make a presentation of his/her Progress Report (Annexure-II) to the RPEC every quarter after approval. If the progress/presentation is found to be unsatisfactory, the project may be terminated pre-maturely. On completion of the project, the faculty member is required to submit a detailed Project completion report(Annexure III) including the minimum of two research articles published in Scopus/WoS/ICI indexed journals with good impact factor (journals without article processing fee or/and page charges), Utilization Certificate(Annexure IV) and make a presentation of the findings to the RPEC, within one month of the scheduled completion date. The research outcome can be used to develop project proposals for further research to be submitted to external funding agencies.

1.11. The PI is responsible for ensuring that the expenses are within the budget. Budget heads within the same overall budget should be approved by the concerned authorities of university. Upon completion of the project, a final statement of expenses and variance report duly prepared by the PI is certified by the finance section within one month of the completion of project. Any unaccounted expenses shall be adjusted as personal.

1.12. Stock Register should be maintained in the departmental office for the purchase of books/journals/software(s)/chemicals etc.

1.13 Unless extension is sought explicitly, the project is assumed to have been completed on the termination date specified in the proposal, and no further expenses/extension shall be permitted.

1.14. The grant will be released in two parts. First part 50% to be released at the time of sanction and the second part will be given only after recommendations by the mid-term review by the expert committee i.e. RPEC.

## 2. Ineligible Activities:

Following activities are not eligible for funding

- i) Travel abroad
- ii) Construction or renovation of civil works.
- iii) Purchase of furniture.
- iv) Purchase of PC's, laptops, tablets or computer accessories unless they are computer controlled instrumental set-ups.
- v) Purchase of general-purpose software.
- vi) Salary/remuneration/wages etc., to any member and or staff of the University directly or indirectly.

## 3. DURATION OF THE PROJECT: 1 Year Only

## 4. EXPECTED DELIVERABLES

4.1. Externally funded projects should be generated as outcome of seed grant scheme





4.2. Publication in peer-reviewed journals (Scopus, WoS, SCI)/intellectual property generation including product/process development would be expected as outcomes of the project.

4.3. Further, it is understood that any IP emerging out of research funded by TMU will be owned by TMU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by TMU with the inventors.

4.4. Set up of research facilities in the University.

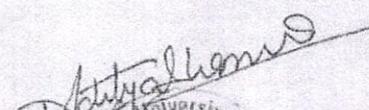
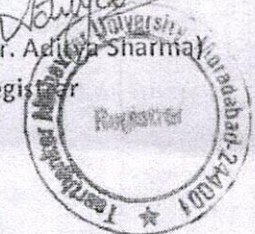
4.5. Commercialization /Social use of the outcome

4.6. Training of students involved in the research project.

This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,

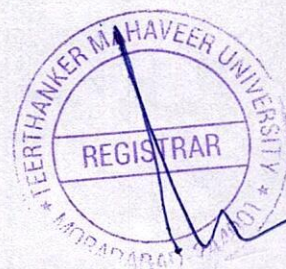
  
(Dr. Aditya Sharma)  
Registrar  


Enclosures: As above.

Copy to:

1. P.S. to Hon'ble Chancellor
2. P.S. to Hon'ble Vice Chairman
3. P.S. to Hon'ble Vice Chancellor
4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-College of Pharmacy







# TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

E-Mail: registrar@tmu.ac.in

Phone No.: 0591-2476813

Ref. : TMU/R.O./2020-21/SeedMoney/033

Date: 18.05.2022

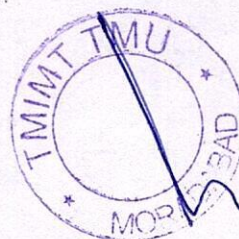
To,  
Prof. Vipin Jain - Principal Investigator (PI)  
Professor  
Department of Management, TMIMT  
Teerthanker Mahaveer University  
Moradabad

Sub: Regarding sanction of "Seed Money" for your research project titled "Development of Structured Mechanism of E-Waste Management in Moradabad".

Dear Sir,

On the basis of the recommendations of the Evaluation Committee on your research proposal titled "Development of Structured Mechanism of E-Waste Management in Moradabad", the seed money tuning to the amount of Rs One Lakh only has been sanctioned for your above research project with the following terms and conditions:

- 1.1. The PI who will be the contact person for all administrative matters regarding the project.
- 1.2. The PI is responsible for the conduct of the research in accordance with the University research policy.
- 1.3. Procurement, utilization and maintenance of equipment will be as per University policy.
- 1.4. The funds have to be utilized within the stipulated period.
- 1.5. The grant money has to be utilized in accordance with the approved budget.
- 1.6. The PI must be accountable for the proper utilization of the seed grant and matching the outcome of the proposed research with the stated objectives, failing which the seed grant shall be treated as a soft loan to him/her @7% p.a.
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prevent or destroy data collection or sampling sites, possibility of non-availability of proposed sample units /critical equipment, delays caused by administrative procedures, delays in procuring equipment, non-cooperation by some individuals /groups for interviews, potential health risks posed by use of unconventional equipment / sampling techniques, etc.). The PI must also mention an alternative plan of action in each case, if any of these risks actually occur.

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3. DURATION OF THE PROJECT: One year only

4. EXPECTED DELIVERABLES

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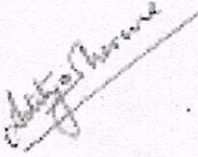
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This is issued with the approval of Hon'ble Vice Chancellor.

Thanking you

With regards,

  
(Aditya Sharma)  
Registrar

Enclosures: As above.

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4. Deputy Director (Accounts)
5. Joint Registrar (R&D)

- II. 1. Associate Dean-Academics
2. Principal-TMIMT

