

No.:AU/Admn./SeedMoney/41/2021/

Date: 17.03.2022

ORDERS

Sub: AU- Sanction of Seed Money for R&D projects of faculty - Orders - Issued

Ref: 1. No.AU/Admin/Seed/2021/01, dated 03.11.2021
2. No.AU/Admin/Seed/2021, dated 01.12.2021
3. Cir. No. AU/R&D/12/2021/2, dated 27.12.2021
4. Note from the Dean, R&D along with recommendations of the committee dated 17.01.2022

On the recommendations of the Seed Money Committee, the Vice-Chancellor has accorded approval for sanction of Seed Money for R&D projects to the following faculty members:

| S. No. | Name of the PI | Department | Project Amount Approved |
|--------|---------------------------|------------------------|-------------------------|
| 1 | Dr. Manoranjan Dash | AI | Rs. 1,90,000 |
| 2 | Dr. Seema Nazneen | Business Management | Rs. 2,00,000 |
| 3 | D. Vishnu Vandana | Business Management | Rs. 2,00,000 |
| 4 | Dr. M. Mukunda Vani | Chemical Engineering | Rs. 1,90,000 |
| 5 | Ms. Sujana Kariveda | Chemistry | Rs. 1,95,000 |
| 6 | Dr. Ravi Arukula | Chemistry | Rs. 2,00,000 |
| 7 | Mr. R Sreenu | Civil Engineering. | Rs. 2,00,000 |
| 8 | Mrs. M. Sravanthi | Civil Engineering | Rs. 2,00,000 |
| 9 | Dr. Sandeep Singh Rawat | CSE | Rs. 1,73,000 |
| 10 | Dr. A. Mallikarjuna Reddy | CSE | Rs. 2,00,000 |
| 11 | Dr. M.Sridevi | CSE | Rs. 1,55,000 |
| 12 | Dr. S. Sathees Kumaran | ECE | Rs. 2,00,000 |
| 13 | Dr. Ashish Singh | ECE | Rs. 2,00,000 |
| 14 | Dr. D. Haripriya | ECE | Rs. 1,89,235 |
| 15 | Dr. M. Anil Kumar | Mathematics | Rs. 2,00,000 |
| 16 | Dr. P. Vishwanath Kumar | Mechanical Engineering | Rs. 1,90,000 |
| 17 | Dr. Vaibhav Srivastava | Mechanical Engineering | Rs. 1,30,000 |
| 18 | Dr. Vasudha Bakshi | Pharma | Rs. 2,00,000 |
| 19 | Dr. G. Baba Shankar Rao | Pharma | Rs. 2,00,000 |
| 20 | Dr. M. Srinivasa Reddy | Physics | Rs. 2,00,000 |
| 21 | Mr. P. Raghupathi | Physics | Rs. 2,00,000 |
| 22 | Dr. R V Sudheer Kumar | Physics | Rs. 2,00,000 |

Note: The break-up of maximum approved cost for each proposal is given at Annexure

The faculty members are requested to follow the “Guidelines for Seed Money for R&D projects” and submit the Acceptance Certificate as given in Annexure – I of the Guidelines. A quarterly review of the progress of each faculty would be taken up by a committee chaired by the Vice-Chancellor.



REGISTRAR

REGISTRAR
ANURAG UNIVERSITY
Venkatapur (V), Ghatkesar (M),
Medchal (Dist).

To
The faculty mentioned above

Copy to:

1. All the Deans / Directors / Heads of the Departments
 2. The Chief Executive Officer
 3. AO
 4. The PA to Vice-Chancellor
- } AU

ANNEXURE

| 1. Dr. Manoranjan Dash, Department of Artificial Intelligence | | | | |
|--|-----------------------|--|----------------------|----------------------|
| S. No | Item | Description of each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | GPU based workstation with 1 SSD Slot | 105000 | 105000 |
| 2 | Field Work and travel | | 25000 | 25000 |
| 3 | Consumables | | 30000 | 30000 |
| 4 | Contingency | | 20000 | 20000 |
| 5 | Others, if any | | 10000 | 10000 |
| Total Estimated Cost | | | 190000 | 190000 |

| 2. Dr. Seema Nazneen, School of Management | | | | |
|---|-----------------------|---|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Weighing Machine, Packing Material, Sealing Machine | 50000 | 50000 |
| | | Installation of stall with flex/board (temporary) | 5000 | 5000 |
| 2 | Field Work and travel | Students Visit, Guest Visit, shift the produce from campus to selling point | 70000 | 70000 |
| 3 | Consumables | | 0 | 0 |
| 4 | Contingency | | 10000 | 10000 |
| 5 | Others, if any | Training | 20000 | 20000 |
| | | GST registration and Legal formalities | 30000 | 30000 |
| | | Miscellaneous | 15000 | 15000 |
| Total Estimated Cost | | | 2,00,000 | 2,00,000 |

| 3. Dr. Vishnu Vandana, School of Management | | | | |
|--|------------------------------|---|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Camera, audio recorder, soundproof studio, cabin, space on cloud, memory card, video conference | 75000 | 75000 |
| 2 | Field Work and travel | | 50000 | 80000 |
| 3 | Consumables | | 20000 | 20000 |
| 4 | Contingency | | 15000 | 15000 |
| 5 | Others, if any | | 40000 | 10000 |
| Total Estimated Cost | | | 200000 | 200000 |

| 4. Dr M Mukunda Vani, Department of Chemical Engineering | | | | |
|---|------------------------------|---|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Microbial Fuel Cell | 50000 | 50000 |
| | | UV Visible Spectrophotometer | 100000 | 100000 |
| 2 | Field Work and travel | | 10000 | 10000 |
| 3 | Consumables | | 20000 | 20000 |
| 4 | Contingency | | 10000 | 10000 |
| 5 | Others, if any | | 0 | 0 |
| Total Estimated Cost | | | 1,90,000 | 1,90,000 |

| 5. Ms. Sujana Kariveda, Department of Chemistry | | | | |
|--|------------------------------|---|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Requirement to carry out Caspase activity kit - 60,000/- other for maintenance of cell cultures | 70000 | 70000 |
| 2 | Field Work and travel | | 25000 | 25000 |
| 3 | Consumables | | 50000 | 50000 |
| 4 | Contingency | | 20000 | 20000 |
| 5 | Others, if any | Carrying out Molecular studies like:- DNA analysis commentary & other activities | 30000 | 30000 |
| Total Estimated Cost | | | 1,95,000 | 1,95,000 |

| 6. Dr Ravi Arukula, Department of Chemistry | | | | |
|--|------------------------------|---|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Autoclare -Teflon Hydrogen Bomb; Tubler furnace for High Temperatures | 65000 | 65000 |
| 2 | Field Work and travel | | 30000 | 30000 |
| 3 | Consumables | Various chemicals required to complete the project | 60000 | 60000 |
| 4 | Contingency | | 40000 | 40000 |
| 5 | Others, if any | | 35000 | 5000 |
| Total Estimated Cost | | | 230000 | 200000 |

| 7. Mr. R Sreenu, Department of Civil Engineering | | | | |
|---|------------------------------|--|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Datalogers, LVDTs and Strain Guages | 100000 | 100000 |
| 2 | Field Work and travel | To visit recycled aggregates plant, Specimens transport to IIT -Hyderabad from Anurag University | 25000 | 25000 |
| 3 | Consumables | Cement, Fine aggregates, Reinforcement | 25000 | 25000 |
| 4 | Contingency | Books, Conferences and Papers | 25000 | 25000 |
| 5 | Others, if any | To change the testing setup and boundry conditions | 25000 | 25000 |
| Total Estimated Cost | | | 2,00,000 | 2,00,000 |

| 8. Mrs. M. Sravanthi, Department of Civil Engineering | | | | |
|--|------------------------------|---|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Digital microscope & crack measuring microscope | 100000 | 40000 |
| | | Digital incubator | | 10000 |
| | | Refrigerator | | 20000 |
| | | Mould (Cubes) | | 20000 |
| | | Drums Types Mixers and concrete pan materials | | 30000 |
| 2 | Field Work and travel | | 40000 | 30000 |
| 3 | Consumables | | 40000 | 40000 |
| 4 | Contingency | | 10000 | 5000 |
| 5 | Others, if any | | 10000 | 5000 |
| Total Estimated Cost | | | 200000 | 200000 |

| 9. Dr Sandeep Singh Rawat, Department of Computer Science and Engineering | | | | |
|--|------------------------------|---|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | NVIDIA Jetson AGX Xavier Developer Kit | 70000 | 70000 |
| | | Logitech HD C 920 Camera (2) | 18000 | 18000 |
| 2 | Field Work and travel | | 35000 | 35000 |
| 3 | Consumables | | 20000 | 20000 |
| 4 | Contingency | | 20000 | 20000 |
| 5 | Others, if any | | 10000 | 10000 |
| Total Estimated Cost | | | 1,73,000 | 1,73,000 |

| 10. Dr. A. Mallikarjuna Reddy , Department of Computer Science and Engineering | | | | |
|---|------------------------------|--|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Equipment (High-end workstation (GPU- 2 Nos), High configuration laptop, video camera, voice recorder) | 150000 | 150000 |
| 2 | Field Work and travel | Psychiatrist/ Psychologist Visits | 25000 | 25000 |
| 3 | Consumables | | 15000 | 15000 |
| 4 | Contingency | | 5000 | 5000 |
| 5 | Others, if any | | 5000 | 5000 |
| Total Estimated Cost | | | 2,00,000 | 2,00,000 |

| 11. Dr M Sridevi, Department of Computer Science and Engineering | | | | |
|---|------------------------------|---|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Equipment (HP Z4G4 workstation, 8GB RAM, Intel Xeon Processor 8 GB memory; 1 TB HDD Storage, AMD FirePro TM W2100 2gb Graphics) | 100000 | 100000 |
| 2 | Field Work and travel | Paper Publications and Attending Reputed Conferences | 25000 | 25000 |
| 3 | Consumables | | 10000 | 10000 |
| 4 | Contingency | | 10000 | 10000 |
| 5 | Others, if any | | 10000 | 10000 |
| Total Estimated Cost | | | 155000 | 155000 |

| 12. Dr. S. Sathees Kumaran, Department of Electronics and Communication Engineering | | | | |
|--|------------------------------|--|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | GPU workstation (HPZ820) (Specifications: processor Intel Xeon E5-1600 V4 Series; Memory type DPR4, Max RAM: 256 GB; Max storage: 12 TB) | 110000 | 110000 |
| 2 | Field Work and travel | Visit IITs | 30000 | 30000 |
| 3 | Consumables | Sensors | 30000 | 30000 |
| 4 | Contingency | | 20000 | 20000 |
| 5 | Others, if any | | 10000 | 10000 |
| Total Estimated Cost | | | 200000 | 200000 |

| 13. Dr Ashish Singh, Department of Electronics and Communication Engineering | | | | |
|---|------------------------------|--|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Micro Balance, Hot Plate, Source meter, Probes, etc., | 100000 | 100000 |
| 2 | Field Work and travel | Visit CSIR, IIT | 40000 | 40000 |
| 3 | Consumables | Chemicals (SnI2, MAI, small molecules, PEDOT:PSS etc., Substrates:- ITO, Silicon substrate (n type & p type) | 30000 | 30000 |
| 4 | Contingency | Electrical probes and probes connectors | 30000 | 30000 |
| 5 | Others, if any | | 0 | 0 |
| Total Estimated Cost | | | 2,00,000 | 2,00,000 |

| 14. Dr. D. Haripriya, Department of Electronics and Communication Engineering | | | | |
|--|------------------------------|---|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Virtex development board | 100000 | 63735 |
| | | 12-lead ECG recorder | | 45500 |
| 2 | Field Work and travel | Visit hospital for project work | 30000 | 30000 |
| 3 | Consumables | Add-on board, A to D amplification etc | 30000 | 30000 |
| 4 | Contingency | | 30000 | 20000 |
| 5 | Others, if any | | 10000 | 0 |
| Total Estimated Cost | | | 200000 | 189235 |

| 15. Dr. M. Anil Kumar, Department of Mathematics | | | | |
|---|------------------------------|---|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | High configuration system: 16 GB RAM, 512 SSD, 1TB hard disk, Intel i7 processor, Windows 11, MS Office-19, printer | 120000 | 120000 |
| 2 | Field Work and travel | | 30000 | 30000 |
| 3 | Consumables | | 20000 | 20000 |
| 4 | Contingency | | 20000 | 20000 |
| 5 | Others, if any | | 10000 | 10000 |
| Total Estimated Cost | | | 200000 | 200000 |

| 16. Dr. P. Vishwanath Kumar, Department of Mechanical Engineering | | | | |
|--|------------------------------|---|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Pyranometer | 45000 | 45000 |
| | | Datalogger | 60000 | 60000 |
| | | Anemometer | 5000 | 5000 |
| 2 | Field Work and travel | Material characterisation of various nanoparticles at IITH, UoH & OU; conference presentations & journal publication | 40000 | 30000 |
| 3 | Consumables | Thermocouples - 6000; nanoparticles procurement, experimental setup repairs & maintenance cost, Operation health and safety | 50000 | 50000 |
| 4 | Contingency | | 0 | 0 |
| 5 | Others, if any | | 0 | 0 |
| Total Estimated Cost | | | 200000 | 190000 |

| 17. Dr. Vaibhav Srivastava, Department of Mechanical Engineering | | | | |
|---|------------------------------|--|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Optical microscope (digital) Muffle furnace with inert gas provision facility Fabrication of die (steel die) | 60000 | 60000 |
| 2 | Field Work and travel | | 15000 | 15000 |
| 3 | Consumables | | 40000 | 40000 |
| 4 | Contingency | | 10000 | 10000 |
| 5 | Others, if any | | 5000 | 5000 |
| Total Estimated Cost | | | 130000 | 130000 |

| 18. Dr Vasudha Bakshi, School of Pharmacy | | | | |
|--|------------------------------|---|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Magnetic Stirrer 20000*2 | 40000 | 40000 |
| | | Hot plate | 15000 | 15000 |
| | | Sonicator | 20000 | 20000 |
| | | Water Bath | 15000 | 15000 |
| | | Heating Mantle | 10000 | 10000 |
| 2 | Field Work and travel | | 10000 | 10000 |
| 3 | Consumables | | 70000 | 70000 |
| 4 | Contingency | | 15000 | 15000 |
| 5 | Others, if any | | 5000 | 5000 |
| Total Estimated Cost | | | 2,00,000 | 2,00,000 |

| 19. Dr G Baba Shankar Rao, School of Pharmacy | | | | |
|--|------------------------------|---|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Extractor | 60000 | 60000 |
| | | Concentrator | 35000 | 35000 |
| | | Vacuum distillation assembly | 5000 | 5000 |
| 2 | Field Work and travel | | 40000 | 40000 |
| 3 | Consumables | | 50000 | 50000 |
| 4 | Contingency | | 10000 | 10000 |
| 5 | Others, if any | | 0 | 0 |
| Total Estimated Cost | | | 2,00,000 | 2,00,000 |

| 20. Dr. M. Srinivasa Reddy, Department of Physics | | | | |
|--|------------------------------|--|----------------------|----------------------|
| S. No | Item | Description for each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Incubator shaker: REMI CIS - Bench top orbital shaking incubators Chamber volume: 180 Ltrs External Dimensions: 700 X 1050 X 1200 mm Voltage: 220-240V | 150000 | 150000 |
| 2 | Field Work and travel | | 15000 | 15000 |
| 3 | Consumables | | 30000 | 30000 |
| 4 | Contingency | | 5000 | 5000 |
| 5 | Others, if any | | 0 | 0 |
| Total Estimated Cost | | | 200000 | 200000 |

| 21. Mr. P. Raghupathi , Department of Physics | | | | |
|--|------------------------------|---|----------------------|----------------------|
| S. No | Item | Description of each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | High temperature furnace, digital analytical balance, agate mortar and pestle | 100000 | 100000 |
| 2 | Field Work and travel | Travel | 20000 | 20000 |
| | | Workshop / Conference registration | 15000 | 15000 |
| 3 | Consumables | Chemical & consumables | 40000 | 40000 |
| 4 | Contingency | -NA- | 0 | 0 |
| 5 | Others, if any | Characterisation | 25000 | 25000 |
| Total Estimated Cost | | | 200000 | 200000 |

| 22. Dr. R V Sudheer Kumar, Department of Physics | | | | |
|---|------------------------------|--|----------------------|----------------------|
| S. No | Item | Description of each item proposed | Proposed Cost | Approved Cost |
| 1 | Equipment, if needed | Teflon lined hydrothermal autoclave (max temp -220 c) Teflon or PTFE liners PPL lined hydrothermal autoclave (max temp -280 c) PPL Lines Company: Techinstro | 150000 | 150000 |
| 2 | Field Work and travel | | 15000 | 10000 |
| 3 | Consumables | | 30000 | 30000 |
| 4 | Contingency | | 5000 | 5000 |
| 5 | Others, if any | | 10000 | 5000 |
| Total Estimated Cost | | | 210000 | 200000 |