

No. BT/PR40750/COO/141/10/2020
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated:24.03.2021

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled "BIODEGRADABLE FACE MASK TO COMBAT COVID-19" for a period of 0 Year 6 Months at a total cost of Rs. 1920760 (Rupees Nineteen Lakhs Twenty Thousand Seven Hundred and Sixty Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : BIODEGRADABLE FACE MASK TO COMBAT COVID-19

2.2 Details of the Investigators:

Project Coordinator

Dr. Anil Meghrajji Pethe

Associate Professor & Associate Dean,

Department of Pharmaceutics,

School of Pharmacy and Technology Management, SVKM'S NMIMS, Hyderabad Campus

Plot No. B-4, Green Industrial Park,

TSIIC, Polepally SEZ Polepally, Hyderabad, Telangana, 509301

Principal Investigators:

Dr. Anil Meghrajji Pethe

Associate Professor & Associate Dean,

Department of Pharmaceutics,

School of Pharmacy and Technology Management, SVKM'S NMIMS, Hyderabad Campus

Plot No. B-4, Green Industrial Park,

TSIIC, Polepally SEZ Polepally, Hyderabad, Telangana, 509301

Dr. Nilesh M Mahajan

Professor,

Department of Pharmaceutics,

Dadasaheb Balpande College of Pharmacy

Near Swami Samarth Mandir, Besa square, Nagpur - 440037

MS, India, Nagpur, Maharashtra, 440037

2.3 Objectives:

1. Extraction and purification of banana fibres from pseudo stems of banana plant
2. Reinforcement of banana fibers with polymer to increase its tensile strength
3. Preparation of nano fibers from reinforced banana fibers
4. Preparation of biodegradable face mask from the banana nano fibers fabric
5. Sterilization and durability study of face mask

2.4 Time Schedule:

The duration of the project is 0 Year 6 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. 1920760/- (Rupees Nineteen Lakhs Twenty Thousand Seven Hundred and Sixty Only) as per details given below:

Institute	Year I (6 months)	Total Cost(Rs.)
1. Dadasaheb Balpande College of Pharmacy	472000	472000
2. School of Pharmacy and Technology Management, SVKM'S NMIMS, Hyderabad Campus	1448760	1448760
Total (Rs.)	1920760	1920760

Institute wise details are:

Budget Head	Year I (6 months)	Total(Rs.)
1. School of Pharmacy and Technology Management, SVKM'S NMIMS, Hyderabad Campus		
Equipment	858000.00	858000.00
Manpower	215760.00	215760.00
Consumables	200000.00	200000.00
Contingency	50000.00	50000.00
Overhead	50000.00	50000.00
Travel	50000.00	50000.00
Other expenses	25000.00	25000.00
Total (Rs.)	1448760.00	1448760.00
2. Dadasaheb Balpande College of Pharmacy		
Equipment	237000.00	237000.00
Consumables	100000.00	100000.00
Contingency	50000.00	50000.00
Overhead	50000.00	50000.00
Other cost	35000.00	35000.00
Total (Rs.)	472000.00	472000.00

2.6 Equipment

The details of the equipment sanctioned for the implementation of the project at Annexure-I

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at Annexure-II

2.8 The progress of the project would be monitored inter-alia against the key deliverables mentioned in Annexure-III

3. Head of Account:

The Non-Recurring expenditure involved is debitable to:



डॉ. ओंकार नाथ तिवारी
Dr. Onkar Nath Tiwari
वैज्ञानिक 'E' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्योगिकी मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Demand No. 88	Department of Biotechnology
3425	Other Scientific Research 2020-2021
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

The Recurring expenditure involved is debit to:

Demand No. 88	Department of Biotechnology
3425	Other Scientific Research 2020-2021
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants -in-Aid General

4. Terms & Conditions:

Considering the time bound nature of the project, the project will be monitored by the Task Force / Committee constituted by DBT. In addition, the PI will submit half yearly progress report as per format in Annexure-V.

4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

4.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before first release. A format of the MoA is enclosed in Annexure-IV

4.3 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and Statement of Expenditure. The interest earned should be remitted to the Consolidated fund of India through Bharat Kosh portal as per GFR-2017- rule 230(8) after finalization of the account for a given Financial Year.

5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

6. The Principal, Dadasaheb Balpande College of Pharmacy, Nagpur, Maharashtra and Director, SVKM'S NMIMS, Hyderabad Campus, Hyderabad, Telangana would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-05/2019 dated 30 Jan 2019. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.

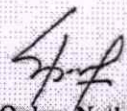
8. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organizations is called upon to do so.

9. If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at www.nbaindia.org

10. If this project works requires any Statutory Clearance (such as Ethical Committee Clearance, Informed Consent, Animal Ethics Committee Clearance, Institutional Bio-safety Committee Clearance, National Biodiversity Authority approval etc.), Project investigator(s) and Host Institution(s) shall compulsorily comply the same before undertaking such activities.

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11. Continuation of the project beyond 31.03.2021 would be subject to appraisal/approval of the relevant scheme for continuation beyond 31.03.2021
12. This issues, under the power delegated to this Department and with the concurrence of IFD vide their SAN 102/IFD/SAN/ 2806/2020-2021 dated 08-03-2021.
13. This sanction order has been noted at serial no. 52 in the Register of Grants.

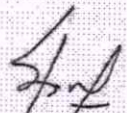

(Dr. Onkar Nath Tiwari)
Scientist 'E'

डॉ. ओंकार नाथ तिवारी
Dr. Onkar Nath Tiwari
वैज्ञानिक ई / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्योगिकी मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

To,
The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110 003.

Copy to:

- 1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
- 2 Dr. Anil M. Pethe(Project Co-ordinator), Plot NO.B4, Green Industrial Park, TSIIC, Polepally SEZ, Jadcherla, Dist-Mahbubnagar Telangana 509
- 3 The Principal, Dadasaheb Balpande College of Pharmacy, Dadasaheb Balpande College of Pharmacy, Near Swami Samarth Mandir, Besa, Nagpur - 440037, Maharashtra
- 4 The Director, SVKM'S NMIMS, Hyderabad Campus, Plot No. B-4, Green Industrial Park, TSIIC, Polepally SEZ Polepally, Hyderabad - 509301, Telangana
- 5 Dr. Anil Meghrajji Pethe, Associate Professor Associate Dean, Pharmaceutics, School of Pharmacy and Technology Management, SVKM'S NMIMS, Hyderabad Campus, Plot No. B-4, Green Industrial Park, TSIIC, Polepally SEZ Polepally, Hyderabad - 509301, Telangana
- 6 Dr. Nilesh M Mahajan, Professor, Pharmaceutics, Dadasaheb Balpande College of Pharmacy, Dadasaheb Balpande College of Pharmacy, Near Swami Samarth Mandir, Besa square, Nagpur - 440037 MS, India, Nagpur - 440037, Maharashtra
- 7 Cash Section, DBT (2 copies).
- 8 Sanction Folder.
- 9 File Copy.


(Dr. Onkar Nath Tiwari)
Scientist 'E'

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भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Annexure -I

Details of the Equipment sanctioned for the implementation of the project entitled "BIODEGRADABLE ANTIVIRAL MASK TO COMBAT COVID-19":

School of Pharmacy and Technology Management, SVKM'S NMIMS, Hyderabad Campus			
SNo.	Name of Equipment	No.	Cost(Rs.)
1.	Banana fiber extractor (Decorticator Machine) (1) and Electrospinning Machine (1)	1	858000.00
Total			858000.00
Dadasaheb Balpande College of Pharmacy			
SNo.	Name of Equipment	No.	Cost(Rs.)
1.	Tensile strength Equipment	1	237000.00
Total			237000.00

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बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्योगिकी, मंत्रालय / M/o Science & Tech,
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Annexure-II

Details of the manpower sanctioned for the implementation of the project entitled "BIODEGRADABLE ANTIVIRAL MASK TO COMBAT COVID-19":

Head	No. of Position	Year I	Total (Rs.)
I. School of Pharmacy and Technology Management, SVKM'S NMIMS, Hyderabad Campus			
Project Associate-I @ Rs. 31000/-+ 16% HRA p.m.	1	215760	215760
Total(Rs.)		215760	215760

Emoluments detail of research personal(s) mentioned in table(s) of Annexure-II shall be applicable only if candidate(s) met educational qualification and eligibility criteria as per DST OM No. SR/S9/Z-05/2019 dated 10.07.2020.

(Dr. Onkar Nath Tiwari)
Scientist 'E'

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बायोटेक्नोलॉजी विभाग / Dept. of Biotechnology
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भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi



Mahajan
PRINCIPAL
DADASAHEB BALPANDE COLLEGE
OF PHARMACY, BESA, NAGPUR - 37