



GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
TDP/BDTD/HUB/MAHE/02/2023 (G)
(Technology Development Transfer)

Technology Bhawan, New Delhi
Dated: 02/01/2024

Sanction Order

Subject: Financial assistance for the project entitled "Medical Instruments, Devices and Allied Services MIDAS HUB" submitted by Dr. Arun G Maiya, SCHOOL OF ALLIED HEALTH SCIENCES, MANIPAL ACADEMY OF HIGHER EDUCATION, MANIPAL, UDUPI, KARNATAKA, 576104 Release of the first installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of Rs. 5,73,14,018/- (Rupees Five Crore Seventy Three Lakh Fourteen Thousand Eighteen only) for a duration of 3 Years . The detailed breakup of the grant for General as well as Capital Components are given below:-

Total General Component	₹ 3,28,02,370/-	DST Contribution (General)	₹ 2,78,02,370/-	HI/Industry/State Contribution (General)	₹ 50,00,000/-
Total Capital Component	₹ 2,45,11,648/-	DST Contribution (Capital)	₹ 1,45,11,648/-	HI/Industry/State Contribution (Capital)	₹ 1,00,00,000/-

(All Institute) Budget Summary (in Rs.)				
Items	Year-1	Year-2	Year-3	Total
I- Non-Recurring				
Electrical safety analyzer, Infusion Device analyzer, Defibrillator analyzer, Electro Surgery analyzer, Gas Flow analyzer, Temperature Indicator, Pressure Calibrator, Illumination analyzer, Tachometer modified, Patient monitoring system, Defibrillator External Pacemaker, Ventilator, X-ray Dosimeter, Capnography monitor, Microscope, 3D Printing, Computer, Laptop, LED projector, Video Conference facility, Printer with scanner, Single-point laser Class II Handheld Digital Infrared Thermometer, Angle Rotor Medical Centrifuge Size 16x15ml, Microprocessor Based Automatic pH Meter, Hand Held 50 KHz Digital Multimeter, LED Display BOD Incubator, Laser cutting machine, Desktop CNC Milling Machine, Soldering Station - Temp. Controlled Soldering Station, Power tools set-1 each - 1	10000000	0	0	10000000
XYZ stage-- - 3	50000	0	0	50000
90-degree right angle bracket with x-stage-- - 3	50000	0	0	50000
Quartz window-- - 1	50000	0	0	50000
Miniature spectrometer-- - 1	400000	0	0	400000
UV LED (325 nm)-- - 2	25000	0	0	25000
Ball Lens/ Hemispherical lens with Holder-- - 1	25000	0	0	25000
Optical Filters->325 nm - 1	100000	0	0	100000
3D printer, Workstation, Electrolarynx with accessories, Paper Printer, Digital Camera with Accessories, Microphone, Voice Amplifiers, External Hard Disk-- - 1	898271	0	0	898271
Benchtop Power Supply DSO Soldering Station TRMS Multimeter + Probes, Digital Microscope with Display, 3D Printer, Desktop CNC, Mini PCB Hotplate. ESD Safe Setup, SMD Component Check Digital Tweezer, 1-10x Signal Probes EVK Board + Programmer, Multilayer Air Filter, 3D Printer Spool Dryer, Testbench Lighting with Zoom Lens-1 each - 1	241810	0	0	241810

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Laptop, Printer, 10 Home-GIFT device (ArmAble Mini)-- - 1	942112	0	0	942112
Inertial sensor Consensys Bundle Development Kit, Workstation + 2 monitor TS P360 Tower W680 ES T & Think Vision T22i-20 21.5-inch FHD Monitor, Microsoft Azure Kinect DK Developer Kit, Cylindrical piezoelectric sensor (FlexiForce sensors), Apple iPad Pro 11 inch-1 each - 1	840455	0	0	840455
Raspberry Pi4 4Gb Starter Kit, Waveshare 7 Inch Capacitive HDMI LCD Display (H) with Case 1024x600, RPI-HQ-CAMERA High Quality Camera, Raspberry Pi, 12.3 MP, 10000 mAh Power Bank, Creality Ender 5 Plus 3D Printer, 16mm Telephoto Lens for Raspberry Pi HQ Camera -with 18% GST - 1	200000	0	0	200000
Laptop, Workstation, LaserJet printer, Medical grade filaments and 3D printing accessories-- - 1	689000	0	0	689000
(Non-Recurring Contribution)-Matching Contribution by HI	10000000	0	0	10000000
Subtotal (Capital)	24511648	0	0	24511648
2- Recurring				
Project Staff	7840080	5704200	2954832	16499112
Junior Research Fellow (JRF)-1 (Rs. 37,000/- pm + 18% HRA)	523920	523920	0	1047840
Junior Research Fellow (JRF)-1 (Rs. 37,000/- pm + 9% HRA)	1451880	967920	483960	2903760
Junior Research Fellow (JRF)-2 (Rs. 37,000/- pm + 18% HRA)	1047840	1047840	0	2095680
Laboratory Assistant/Technician/Technical Assistant/Field Assistant-1 (Technical Assistant @ Rs. 20,000/- pm + 9% HRA)	261600	261600	261600	784800
Principal Project Associate -1 (Rs. 49,000/- pm + 27% HRA for InStem)	746760	746760	746760	2240280
Project Assistant-1 (Rs. 20,000/- pm + 18% HRA for 1.5 years)	283200	141600	0	424800
Project Assistant-2 (Rs. 20,000/- pm + 18% HRA)	566400	566400	566400	1699200
Project Associate -II-1 (Rs. 35,000/- pm + 9% HRA)	915600	0	0	915600
Project Scientist-I-1 (Rs. 56,000/- pm + 27% HRA for initial 2 years and @ Rs. 58,800/- pm + 27% HRA for 3rd year, for InStem)	853440	853440	896112	2602992
Senior Research Fellow (SRF)-1 (Rs. 42,000/- pm + 18% HRA for 1.5 years)	1189440	594720	0	1784160
Consumables	1624995	335000	150000	2109995
Contingency	1162000	983000	750000	2895000
Travel	1002000	823000	650000	2475000
Overhead	1211259	537617	274387	2023263
(Recurring Contribution)-Matching Contribution by HI	1700000	1700000	1600000	5000000
Other Cost-Training	500000	500000	500000	1500000
Other Cost-Fabrication, testing, patents, marketing etc.	25000	25000	25000	75000
Other Cost-IT services, Testing & Courier/postal charges, PCB Fabrication & Stencil, External Workshop/Lab uses & charges, IP services, Compensation for subjects, Non-refundable bills	100000	0	0	100000
Other Cost-PLA Spool for 3D printer, 16mm Telephoto Lens For Raspberry Pi HQ Camera, RPI-6MM LENS RPI 6mm Wide Angle Lens for Raspberry Pi High Quality Camera, 3MP, CS-Mount	0	25000	0	25000

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Other Cost-Transcutaneous bilirubin (TcB) Test	75000	25000	0	100000
Subtotal (General)	15240334	10657817	6904219	32802370
Total Contribution (Cap.+ Gen.)	11700000	1700000	1600000	15000000
Total Project Cost (Cap.+ Gen.)	39751982	10657817	6904219	57314018

1 SCHOOL OF ALLIED HEALTH SCIENCES, MANIPAL ACADEMY OF HIGHER EDUCATION (Dr. Arun G Malya)

Items	Budget Summary (in Rs.)			Total
	Year-1	Year-2	Year-3	
1- Non-Recurring				
Electrical safety analyzer, Infusion Device analyzer, Defibrillator analyzer, Electro Surgery analyzer, Gas Flow analyzer, Temperature Indicator, Pressure Calibrator, Illumination analyzer, Tachometer modified, Patient monitoring system, Defibrillator External Pacemaker, Ventilator, X-ray Dosimeter, Capnography monitor, Microscope, 3D Printing, Computer, Laptop, LED projector, Video Conference facility, Printer with scanner, Single-point laser Class II Handheld Digital Infrared Thermometer, Angle Rotor Medical Centrifuge Size 16x15ml, Microprocessor Based Automatic pH Meter, Hand Held 50 KHz Digital Multimeter, LED Display BOD Incubator, Laser cutting machine, Desktop CNC Milling Machine, Soldering Station - Temp. Controlled Soldering Station, Power tools set-1 each - 1	10000000	0	0	10000000
(Non-Recurring Contribution)-Matching Contribution by HI	10000000	0	0	10000000
Subtotal (Capital)	20000000	0	0	20000000
2- Recurring				
Contingency	700000	700000	600000	2000000
Travel	500000	500000	500000	1500000
Any Other (Other Cost)-Training	500000	500000	500000	1500000
(Recurring Contribution)-Matching Contribution by HI	1700000	1700000	1600000	5000000
Subtotal (General)	3400000	3400000	3200000	10000000
Total Contribution (Cap.+ Gen.)	11700000	1700000	1600000	15000000
Total Project Cost (Cap.+ Gen.)	23400000	3400000	3200000	30000000

2 FATHER MULLER MEDICAL COLLEGE (Dr. Jaidev Mangalore Devdas)

Items	Budget Summary (in Rs.)			Total
	Year-1	Year-2	Year-3	
1- Non-Recurring				
Subtotal (Capital)	0	0	0	
2- Recurring				
Project Staff	523920	523920	0	1047840
Junior Research Fellow (JRF)-1(Rs. 37,000/- pm + 18% HRA)	523920	523920	0	1047840
Consumables	100000	0	0	100000
Contingency	50000	50000	0	100000
Travel	50000	50000	0	100000
Overhead	57914	49914	0	107828
Subtotal (General)	781834	673834	0	1455668
Total Contribution (Cap.+ Gen.)	0	0	0	
Total Project Cost (Cap.+ Gen.)	781834	673834	0	1455668

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3 MANIPAL ACADEMY OF HIGHER EDUCATION (Dr. Jijo Lukose)

Items	Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
Benchtop Power Supply DSO Soldering Station TRMS Multimeter + Probes, Digital Microscope with Display, 3D Printer, Desktop CNC, Mini PCB Hotplate. ESD Safe Setup, SMD Component Check Digital Tweezer, 1-10x Signal Probes EVK Board + Programmer, Multilayer Air Filter, 3D Printer Spool Dryer, Testbench Lighting with Zoom Lens-1 each - 1	241810	0	0	241810
Subtotal (Capital)	241810	0	0	241810
2- Recurring				
Project Staff	483960	0	0	483960
Junior Research Fellow (JRF)-1(Rs. 37,000/- pm + 9% HRA)	483960	0	0	483960
Consumables	339995	0	0	339995
Contingency	50000	0	0	50000
Travel	50000	0	0	50000
Overhead	101261	0	0	101261
Any Other (Other Cost) -IT services, Testing & Courier/postal charges, PCB Fabrication & Stencil, External Workshop/Lab uses & charges, IP services, Compensation for subjects, Non-refundable bills	100000	0	0	100000
Subtotal (General)	1125216	0	0	1125216
Total Contribution (Cap.+ Gen.)	0	0	0	
Total Project Cost (Cap.+ Gen.)	1367026	0	0	1367026

4 MANIPAL ACADEMY OF HIGHER EDUCATION (Dr. Madhushankara M)

Items	Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
3D printer, Workstation, Electrolarynx with accessories, Paper Printer, Digital Camera with Accessories, Microphone, Voice Amplifiers, External Hard Disk-- 1	898271	0	0	898271
Subtotal (Capital)	898271	0	0	898271
2- Recurring				
Project Staff	457800	0	0	457800
Project Associate -II-1(Rs. 35,000/- pm + 9% HRA)	457800	0	0	457800
Consumables	300000	0	0	300000
Contingency	50000	0	0	50000
Travel	50000	0	0	50000
Overhead	140486	0	0	140486
Subtotal (General)	998286	0	0	998286
Total Contribution (Cap.+ Gen.)	0	0	0	
Total Project Cost (Cap.+ Gen.)	1896557	0	0	1896557

5 INSTITUTE FOR STEM CELL SCIENCE AND REGENERATIVE MEDICINE (INSTEM) (Dr. Praveen Kumar Vemula)

Items	Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
Subtotal (Capital)	0	0	0	

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2- Recurring				
Project Staff	1600200	1600200	1642872	4843272
Principal Project Associate -1(Rs. 49,000/- pm + 27% HRA for InStem)	746760	746760	746760	2240280
Project Scientist-I-1(Rs. 56,000/- pm + 27% HRA for initial 2 years and @ Rs. 58,800/- pm + 27% HRA for 3rd year, for InStem)	853440	853440	896112	2602992
Consumables	75000	75000	50000	200000
Contingency	50000	50000	50000	150000
Travel	50000	50000	50000	150000
Overhead	142016	142016	143430	427462
Subtotal (General)	1917216	1917216	1936302	5770734
Total Contribution (Cap.+ Gen.)	0	0	0	
Total Project Cost (Cap.+ Gen.)	1917216	1917216	1936302	5770734

6 ST ALOYSIUS COLLEGE (AUTONOMOUS) (Dr. S Ruban)

Items	Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
Raspberry Pi4 4Gb Starter Kit, Waveshare 7 Inch Capacitive HDMI LCD Display (H) with Case 1024×600, RPI-HQ-CAMERA High Quality Camera, Raspberry Pi, 12.3 MP, 10000 mAh Power Bank, Creality Ender 5 Plus 3D Printer, 16mm Telephoto Lens for Raspberry Pi HQ Camera -with 18% GST - 1	200000	0	0	200000
Subtotal (Capital)	200000	0	0	200000
2- Recurring				
Project Staff	594720	297360	0	892080
Senior Research Fellow (SRF)-1(Rs. 42,000/- pm + 18% HRA for 1.5 years)	594720	297360	0	892080
Contingency	35000	15000	0	50000
Travel	35000	15000	0	50000
Overhead	69178	28189	0	97367
Any Other (Other Cost)-PLA Spool for 3D printer, 16mm Telephoto Lens For Raspberry Pi HQ Camera, RPI-6MM LENS RPI 6mm Wide Angle Lens for Raspberry Pi High Quality Camera, 3MP, CS-Mount	0	25000	0	25000
Subtotal (General)	733898	380549	0	1114447
Total Contribution (Cap.+ Gen.)	0	0	0	
Total Project Cost (Cap.+ Gen.)	933898	380549	0	1314447

7 FATHER MULLER RESEARCH CENTRE (Dr. Sanjeeva Rai B)

Items	Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
Subtotal (Capital)	0	0	0	
2- Recurring				
Project Staff	566400	566400	566400	1699200
Project Assistant-2(Rs. 20,000/- pm + 18% HRA)	566400	566400	566400	1699200
Consumables	50000	50000	50000	150000
Contingency	50000	50000	50000	150000
Travel	50000	50000	50000	150000
Overhead	57312	57312	57312	171936
Subtotal (General)	773712	773712	773712	2321136

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Total Contribution (Cap.+ Gen.)	0	0	0	
Total Project Cost (Cap.+ Gen.)	773712	773712	773712	2321136

8 MANIPAL ACADEMY OF HIGHER EDUCATION (Dr. Santhosh Chidangil)

Items	Budget Summary (in Rs.)			Total
	Year-1	Year-2	Year-3	
1- Non-Recurring				
XYZ stage-- - 3	50000	0	0	50000
90-degree right angle bracket with x-stage-- - 3	50000	0	0	50000
Quartz window-- - 1	50000	0	0	50000
Miniature spectrometer-- - 1	400000	0	0	400000
UV LED (325 nm)-- - 2	25000	0	0	25000
Ball Lens/ Hemispherical lens with Holder-- - 1	25000	0	0	25000
Optical Filters->325 nm - 1	100000	0	0	100000
Subtotal (Capital)	700000	0	0	700000
2- Recurring				
Project Staff	745560	745560	745560	2236680
Junior Research Fellow (JRF)-1(Rs. 37,000/- pm + 9% HRA)	483960	483960	483960	1451880
Laboratory Assistant/Technician/Technical Assistant/Field Assistant-1(Technical Assistant @ Rs. 20,000/- pm + 9% HRA)	261600	261600	261600	784800
Consumables	100000	50000	50000	200000
Contingency	50000	50000	50000	150000
Travel	50000	50000	50000	150000
Overhead	133645	73645	73645	280935
Any Other (Other Cost)-Fabrication, testing, patents, marketing etc.	25000	25000	25000	75000
Subtotal (General)	1104205	994205	994205	3092615
Total Contribution (Cap.+ Gen.)	0	0	0	
Total Project Cost (Cap.+ Gen.)	1804205	994205	994205	3792615

9 FATHER MULLER MEDICAL COLLEGE (Dr. Saritha Paul)

Items	Budget Summary (in Rs.)			Total
	Year-1	Year-2	Year-3	
1- Non-Recurring				
Subtotal (Capital)	0	0	0	
2- Recurring				
Project Staff	877920	438960	0	1316880
Project Assistant-1(Rs. 20,000/- pm + 18% HRA for 1.5 years)	283200	141600	0	424800
Senior Research Fellow (SRF)-1(Rs. 42,000/- pm + 18% HRA for 1.5 years)	594720	297360	0	892080
Consumables	200000	150000	0	350000
Contingency	17000	8000	0	25000
Travel	17000	8000	0	25000
Overhead	94954	50397	0	145351
Any Other (Other Cost)-Transcutaneous bilirubin (TcB) Test	75000	25000	0	100000
Subtotal (General)	1281874	680357	0	1962231
Total Contribution (Cap.+ Gen.)	0	0	0	
Total Project Cost (Cap.+ Gen.)	1281874	680357	0	1962231

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10 MANIPAL ACADEMY OF HIGHER EDUCATION (Dr. Senthil Kumaran D)

Items	Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
Laptop, Printer, 10 Home-GIFT device (ArmAble Mini)-- - 1	942112	0	0	942112
Subtotal (Capital)	942112	0	0	942112
2- Recurring				
Project Staff	483960	483960	0	967920
Junior Research Fellow (JRF)-1(Rs. 37,000/- pm + 9% HRA)	483960	483960	0	967920
Consumables	10000	10000	0	20000
Contingency	10000	10000	0	20000
Travel	50000	50000	0	100000
Overhead	119686	44317	0	164003
Subtotal (General)	673646	598277	0	1271923
Total Contribution (Cap.+ Gen.)	0	0	0	
Total Project Cost (Cap.+ Gen.)	1615758	598277	0	2214035

11 NITK SURATHKAL (Dr. Sharnappa Joladarashi)

Items	Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
Laptop, Workstation, LaserJet printer, Medical grade filaments and 3D printing accessories-- - 1	689000	0	0	689000
Subtotal (Capital)	689000	0	0	689000
2- Recurring				
Project Staff	1047840	1047840	0	2095680
Junior Research Fellow (JRF)-2(Rs. 37,000/- pm + 18% HRA)	1047840	1047840	0	2095680
Consumables	150000	0	0	150000
Contingency	50000	50000	0	100000
Travel	50000	50000	0	100000
Overhead	158947	91827	0	250774
Subtotal (General)	1456787	1239667	0	2696454
Total Contribution (Cap.+ Gen.)	0	0	0	
Total Project Cost (Cap.+ Gen.)	2145787	1239667	0	3385454

12 MANIPAL ACADEMY OF HIGHER EDUCATION (Dr. Somashekara Bhat)

Items	Budget Summary (in Rs.)			
	Year-1	Year-2	Year-3	Total
1- Non-Recurring				
Inertial sensor Consensys Bundle Development Kit, Workstation + 2 monitor TS P360 Tower W680 ES T & Think Vision T22i-20 21.S-inch FHD Monitor, Microsoft Azure Kinect DK Developer Kit, Cylindrical piezoelectric sensor (FlexiForce sensors), Apple iPad Pro 11 inch-1 each - 1	840455	0	0	840455
Subtotal (Capital)	840455	0	0	840455
2- Recurring				
Project Staff	457800	0	0	457800
Project Associate -II-1(Rs. 35,000/- pm + 9% HRA)	457800	0	0	457800
Consumables	300000	0	0	300000

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Contingency	50000	0	0	50000
Travel	50000	0	0	50000
Overhead	135860	0	0	135860
Subtotal (General)	993660	0	0	993660
Total Contribution (Cap.+ Gen.)	0	0	0	
Total Project Cost (Cap.+ Gen.)	1834115	0	0	1834115

2. The sanction of the President is also accorded to the release of Rs. 1,29,16,902/- (Rupees One Crore Twenty Nine Lakh Sixteen Thousand Nine Hundred Two only) to the "Director/Registrar/Principal/Controller/Comptroller, SCHOOL OF ALLIED HEALTH SCIENCES, MANIPAL ACADEMY OF HIGHER EDUCATION" being the first installment of grant as mentioned above table under "General Component" for the above mentioned project.

3. The expenditure involved is debitable to Demand No. 89, Department of Science & Technology for the year 2023-24:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.70	Innovation,Technology Development and Deployment
3425.60.200.70.00	Detailed Head
3425.60.200.70.00.31	Grants-in-aid General
	(Previous: 3425.60.200.26.01.31)

4. The amount of ₹ 1/- (Rupee One only) against the sanctioned amount of 1,29,16,902/- (Rupees One Crore Twenty Nine Lakh Sixteen Thousand Nine Hundred Two only) will be drawn by DDO, DST and disbursed to the "CNA account of SERB in respect of Innovation,Technology Development and Deployment Scheme".

Name of A/C Holder	Innovation Technology Development and Deployment
Bank A/C No	349902010051240
Name of the Bank & branch	Union Bank of India, Safdarjang Enclave - New Delhi
RTGS/IFSC code	UBIN0534994

5. CNA shall assign/allocate the amount of Rs. 12916902/- (Rupees One Crore Twenty Nine Lakh Sixteen Thousand Nine Hundred Two only) to the Director/Registrar/Principal/Controller/Comptroller, SCHOOL OF ALLIED HEALTH SCIENCES, MANIPAL ACADEMY OF HIGHER EDUCATION" as per details given below:-

Name of A/C Holder	MANIPAL ACADEMY OF HIGHER EDUCATION DST 1819
Bank A/C No	012822010001569
Name of the Bank & branch	Union Bank of India
RTGS/IFSC code	UBIN0901288

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 292. in the register of grants maintained in the Technology Development Transfer for the scheme Biomedical Device and Technology Development Programme .

7. This issues with the concurrence of IFD vide their Concurrence Dy. No. IFD/C/III/281223/31/04976 dated 28/12/2023.


8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

10. For the released amount, the break-up is as following: (S.No.1) Rs. 17,00,000 (G) & Rs. 1,00,00,000 (C) to Dr. Arun G Maiya, MAHE for Hub, (S.No.2) Rs. 7,81,834 (G) to Jaidev M. Devdas, FMMC, (S.No.3) Rs. 9,00,173 (G) & Rs. 2,41,810 (C) to Dr. Jijo Lukose, MAHE, (S.No.4) Rs. 7,98,629 (G) & Rs. 8,98,271 (C) to Dr. Madhushankara M, MAHE, (S.No.5) Rs. 19,17,216 (G) to Dr. Praveen Kumar Vemula, InStem, (S.No.6) Rs. 7,33,898 (G) & Rs. 2,00,000 (C) to Dr. S Ruban, St. Aloysius, (S.No.7) Rs. 7,73,712 (G) to Dr. Sanjeeva Rai B, FMRC, (S.No.8) Rs. 11,04,205 (G) & Rs. 7,00,000 (C) to Dr. Santhosh Chidangil, MAHE, (S.No.9) Rs. 12,81,874 (G) to Dr. Sariitha Paul, FMMC, (S.No.10) Rs. 6,73,646 (G) & Rs. 9,42,112 (C) to Dr. Senthil Kumaran D, MAHE, (S.No.11) Rs. 14,56,787 (G) & Rs. 6,89,000 (C) to Dr. Sharnappa Joladarashi, NITK, (S.No.12) Rs. 7,94,928 (G) & Rs. 8,40,455 (C) to Dr. Somashekara Bhat, MAHE.

11. This sanction order is subject to the Terms & Conditions as annexed .


12. The organization is registered on NGO Darpan Portal and their Unique ID is KA/2017/0181298


 Dr. Akhilesh Mishra
 (Scientist - 'E')
 akhilesh.mishra@nic.in

To,
The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi – 110 016.

Copy of information and necessary action to: -

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Dr. Arun G Maiya, Professor and Dean, Center for Diabetic Foot Care and Research, SCHOOL OF ALLIED HEALTH SCIENCES, MANIPAL ACADEMY OF HIGHER EDUCATION, Manipal, Udupi, Karnataka - 576104
6. Dr. Jaidev Mangalore Devdas, Paediatric Allergist, Department of Paediatrics, FATHER MULLER MEDICAL COLLEGE, Mangalore, Dakshina Kannada, Karnataka - 575002
7. Dr. Jijo Lukose, Assistant Professor, Department of Atomic and Molecular Physics, MANIPAL ACADEMY OF HIGHER EDUCATION, Udupi, Udupi, Karnataka - 576104
8. Dr. Madhushankara M, Associate Professor, Manipal School of Information Sciences, MANIPAL ACADEMY OF HIGHER EDUCATION, Udupi, Udupi, Karnataka - 576104
9. Dr. Praveen Kumar Vemula, Associate Professor, Deptt. of Chemical Biology, INSTITUTE FOR STEM CELL SCIENCE AND REGENERATIVE MEDICINE (INSTEM), Bangalore, Bengaluru Urban, Karnataka - 560065
10. Dr. S Ruban, Associate Professor, Deptt. of Software Technology, ST ALOYSIUS COLLEGE (AUTONOMOUS), Mangalore, Dakshina Kannada, Karnataka - 575022
11. Dr. Sanjeeva Rai B, Chief of Research, Head, Research Centre, FATHER MULLER RESEARCH CENTRE, Mangalore, Dakshina Kannada, Karnataka - 575002
12. Dr. Santhosh Chidangil, Professor, Department of Atomic and Molecular Physics, MANIPAL ACADEMY OF HIGHER EDUCATION, Udupi, Udupi, Karnataka - 576104
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17. The Director/Registrar/Principal/Controller/Comptroller, FATHER MULLER MEDICAL COLLEGE, Mangalore, Dakshina Kannada, Karnataka - 575002
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23. The Director/Registrar/Principal/Controller/Comptroller, ST ALOYSIUS COLLEGE (AUTONOMOUS), Mangalore, Dakshina Kannada, Karnataka - 575022
24. Secretary, SERB, New Delhi (for allocation of limits to implementing agency)
25. Head (Technology Development Transfer) DST
26. Sanction Folder (Technology Development Transfer)


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GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
TDP/BDTD/HUB/MAHE/02/2023 (G)
Terms & Conditions

1. The grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report (Vis-a-Vis Target Vs-Achievement) at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
2. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
3. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
4. The grant-in-aid being released is subject to the condition that:-
 - a) A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
 - b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard of the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
5. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.
6. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India"
7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.
8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
9. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
10. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
11. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
12. It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.
13. Goods (Consumable/Equipment) available in GeM portal are to be procured mandatorily online through GeM only as per the provisions of Rule 149 of GFR.
14. The Grantee Institute should follow Global Tendering Enquiry (GTE) conditions as per Department of Expenditure ID Note No:4/1/2021-PPD dated 10.09.2021.
15. If One time assistance or non-recurring grant as Grant-in-Aid for Rs. 10.00 lakhs to Rs. 50.00 lakhs, it should be included in the Annual Report of the Institute.
16. The Grantee Institute must ensure any other provisions of GFR-2017 (<https://doe.gov.in/order-circular/general-financial-rules2017-0>) and guidelines/amendments issued from Govt. of India from time to time.



भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
TDP/BDTD/HUB/MAHE/02/2023 (G)
निबंधन और शर्तें

1. अनुदानग्राही संस्थान प्रत्येक वित्त वर्ष के अंत में इस परियोजना के अंतर्गत प्राप्त अनुदान पर अर्जित/प्रोद्भूत ब्याज को विधिवत रूप से दशति हुए अद्यतन प्रगति रिपोर्ट (लक्ष्य बनाम उपलब्धि) के साथ जीएफआर 2017 में विनिर्दिष्ट प्ररूप में वित्तीय वर्ष-वार उपयोग प्रमाण पत्र (यूसी) और व्यय का लेखापरीक्षित विवरण (एसई) विज्ञान और प्रौद्योगिकी विभाग को प्रस्तुत करेगा। यह परियोजना की समाप्ति की निर्धारित तारीख से एक वर्ष भीतर व्यय का अंतिम विवरण, उपयोग प्रमाण-पत्र और परियोजना समाप्ति रिपोर्ट प्रस्तुत करने की शर्त के भी अध्यक्षीन है।
2. अनुदानग्राही संस्थान को उपयोग प्रमाण-पत्र इस प्रभाग में भौतिक रूप में भेजने के साथ-साथ पीएफएमएस पोर्टल पर प्रविष्ट और अपलोड करना होगा। अनुवर्ती/अंतिम किस्त प्रभाग द्वारा यूसी की स्वीकृति की पुष्टि और पीएफएमएस में पूर्ववर्ती उपयोग प्रमाण-पत्र की प्रविष्टि के बाद ही जारी की जाएगी।
3. यदि अनुदान एक ही परियोजना के अंतर्गत उपस्कर (रों) की खरीद के लिए पृथक संस्वीकृति आदेश के माध्यम से पूंजी-शीर्ष के अंतर्गत जारी किया गया है तो जारी किया गया पूंजी-शीर्ष अनुदान के लिए पृथक एसई/यूसी प्रस्तुत करना होगा।
4. जारी किया जा रहा सहायता अनुदान निम्नलिखित शर्तों के अध्यक्षीन है-
 - क) उपर्युक्त परियोजना के लिए संस्वीकृत पूंजी आस्तियों की खरीद करते समय अनुदानग्राही संस्थान के उचित नियमों के तहत संस्थान/संगठन द्वारा सामान्य वित्तीय नियमावली 2017 के उपबंधों के अनुरूप पारदर्शी खरीद प्रक्रिया का अनुपालन किया जाए और अनुदान प्राप्ति पर तुरंत प्रभाव से अनुदानग्राही संगठन द्वारा इस आशय का प्रमाण-पत्र प्रस्तुत किया जाए।
 - ख) उपयोग प्रमाण-पत्र/ व्यय विवरण प्रस्तुत करते समय, संगठन को जीएफआर 2017 के उपबंधों के अनुसरण में उपस्कर/पूंजी आस्तियों की खरीद के संबंध में संबन्धित दस्तावेज-साक्ष्य प्रस्तुत करना सुनिश्चित करना होता है।
5. जीएफआर नियमावली 2017 के नियम 230 (8) के अनुसार अनुदानग्राही संस्थान को सुनिश्चित करना चाहिए कि किसी भी अनुदानग्राही संस्थान को जारी किए गए सहायता अनुदान या अग्रिम (प्रतिपूर्ति से भिन्न) पर प्राप्त समस्त प्रकार के ब्याज या अन्य आय को लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में अनिवार्य रूप से विप्रेषित किया जाए। ऐसे अग्रिमों को भविष्य में जारी की जाने वाली निधियों में समायोजित करने की अनुमति नहीं दी जाएगी।
6. जीएफआर नियमावली 2017 के नियम 230 (17) के अनुसार, “अनुदानग्राही संस्थान को भारत सरकार के निर्देशानुसार अपने नियंत्रणाधीन पदों या सेवाओं में अनुसूचित जाति या अनुसूचित जनजाति या ओबीसी के लिए आरक्षण रखने पर सहमत होना चाहिए।”
7. अनुदानग्राही संस्थान परियोजना का पृथक परीक्षित लेखा रखेगा और अनुदान की समस्त राशि बैंक खाते में सब्याज रखी जाएगी। वित्तीय वर्ष 2017-18 के दौरान और उसके बाद जारी अनुदान के लिए, अनुदान के लिए सभी प्रकार के ब्याज या अन्य आय ऐसे लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में (गैर कर प्राप्ति पोर्टल (एनटीआरपी) अर्थात् www.bharatkosh.gov.in के माध्यम से) विप्रेषित की जाएगी, क्योंकि यह राशि भविष्य में जारी की जाने वाली राशि में समायोजित नहीं की जाएगी। अनुवर्ती अनुदान के निर्गम/ परियोजना खाते को बंद करने पर विचार किए जाने के लिए, व्यय विवरण/ उपयोग प्रमाण-पत्र के साथ इस आशय का प्रमाण पत्र प्रस्तुत करना होगा।
8. डीएसटी, अनुदान से सृजित परिसंपत्तियों पर एकमात्र सुरक्षित अधिकार रखता है। सरकारी अनुदानों से पूरी तरह से या पर्याप्त रूप से अर्जित संपत्ति (जीएफआर 2017 में निर्धारित प्रक्रिया के अनुसार अप्रचलित और अनुप्रयोज्य, अनुपयोगी घोषित अनुदानों से इतर), का निपटारा डीएसटी का पूर्व अनुमोदन प्राप्त किए बिना नहीं किया जाएगा।
9. जैसा कि सामान्य वित्तीय नियमावली 2017 के नियम 236 (1) के तहत निर्धारित किया गया है, अनुदानग्राही संगठन का लेखा स्वीकृति प्रदाता प्राधिकारी और लेखा परीक्षक (भारत के नियंत्रक एवं महालेखापरीक्षक और डीएसटी के प्रधान लेखा कार्यालय दोनों द्वारा आंतरिक लेखा परीक्षा) द्वारा निरीक्षण किए जाने, जब भी संगठन को ऐसा करने के लिए कहा जाता है, हेतु अभिगम्य होगा।
10. इस परियोजना अनुदान से प्राप्त तकनीकी सहायता/वित्तीय सहायता की उचित पावती को अनुदानग्राही संगठन द्वारा सभी प्रकाशनों/मिडिया प्रकाशनों में मोटे अक्षरों में और परियोजना के पूरा होने के दौरान और तदुपरांत उनकी वार्षिक रिपोर्टों के शुरुआती पैराग्राफों में अनिवार्य रूप से दिखाया किया जाना चाहिए।
11. बॉन्ड के नियमों और शर्तों का पालन करने में असफल होने पर जीएफआर 2017 के नियम 231 (2) के अनुसार पूरी राशि सब्याज वापस करनी होगी।
12. पीएफएमएस में ईएटी मॉड्यूल का उपयोग करना अनिवार्य है, ऐसा न करने पर अन्य कोई भी आगामी निधि जारी नहीं की जाएगी।
13. जीएफआर के नियम 149 के उपबंधों के अनुसार जीईएम पोर्टल पर उपलब्ध वस्तुओं (उपभोज्य वस्तु /उपस्कर) का अनिवार्यतया आर्न लाइन प्रापण जैम (जीईएम) ही के माध्यम से किया जाना है।
14. अनुदान ग्राही संस्थान को व्यय विभाग के आईडी नोट संख्या: 4/1/2021-पीपीडी दिनांक 10.09.2021 के अनुसार वैश्विक निविदाकरण जांच-

पड़ताल (जीटीई) नियमों का पालन करना चाहिए।

15. यदि एकबारगी सहायता या गैर-आवर्ती अनुदान 10.00 लाख रुपये से 50.00 लाख रुपये के सहायता अनुदान का हो तो इसे संस्थान की वार्षिक रिपोर्ट में दर्ज किया जाना चाहिए।

16. अनुदान ग्राही संस्थान को जीएफआर-2017 (<https://doe.gov.in/order-circular/general-financial-rules2017-0>) के किसी भी अन्य उपबंध और समय-समय पर भारत सरकार द्वारा जारी दिशा-निर्देश/संशोधन का अनुपालन सुनिश्चित करना चाहिए।

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