



**B.M.S. COLLEGE OF ENGINEERING, BENGALURU**  
(Autonomous College under VTU)

No. R&D/FRPS/2023-24/EI/01

2 June, 2023

**GRANT ORDER**

Sub: Financial Approval of the project under Faculty Research Promotion Scheme (FRPS)

Sanction by the Management is hereby accorded to the approval of the below-mentioned project under Faculty Research Promotion Scheme (FRPS). The details are as below.

1	Department	Electronics & Instrumentation Engineering	
2	Principal Investigator (PI)	Kumar D	
3	Mentor	Dr.Veena N Hegde (BMSCE), Mr.Anand Iyer (ACARD)	
4	Title of the Project	Swachh the intelligent clearing robot	
5	<b>Project File No.</b>	<b>R&amp;D/FRPS/2023-24/EI/01</b>	
6	Project duration	24 Months	
7	Total amount sanctioned	Rs.2,00,000	
8	Budget details	Year 1 (FY 2023-24)	Year 2 (FY 2024-25)
	Non-Recurring (Nvidia jetson nano lamp, sensors, vacuum motor, geared motors relay modules, battery, Raspberry Pi mopping and its components, Solenoid valve, water pump)	1,85,000	-
	Recurring (Electronic components)	-	15,000
	Grant total	1,85,000	15,000

**Terms and Conditions of the grant**

1. Any expenditure incurred prior to the issuance of the approval letter is not allowed to be adjusted in the grant and if the department and PI do not take the project work within three months of the sanction of the grant, approval shall automatically be cancelled.
2. Each project sanctioned is assigned a specific project file number as above. Please quote the Project file number along with the year of sanction of the project in all your correspondences. Two files should be maintained for each project (One will be with PI/Dept and another at the R&D office).
3. The grantee shall utilize grants on only approved items of expenditure (as proposed in the project). However, in case of the grantee wishes to re-cast the project, prior

- correspondences. Two files should be maintained for each project (One will be with PI/Dept and another at the R&D office).
3. The grantee shall utilize grants on only approved items of expenditure (as proposed in the project). However, in case of the grantee wishes to re-cast the project, prior approval of the PRINCIPAL must be obtained for the revised item of expenditure with justification for the same and without exceeding the total grant sanctioned.
  4. The process of procurement and purchases should be done in accordance with the BMSCE Procurement & Stores Procedure 2022 (refer college website).
  5. All equipments/items procured under this scheme should be labelled using sticker/paint. Already existing equipments cannot be procured under this scheme.
  6. Under this grant, the purchase of computers, workstations, iPhones, mobile phones, ipads, recruitment of manpower (research fellows/ interns, etc), travel, conference expenses, and contingencies, etc are not permitted. This doesn't stop the PI to apply for other prevailing schemes/incentives of the college.
  7. The assets acquired wholly or partly out of this grant shall become the property of the department/college and shall not be disposed or encumbered.
  8. The grantee shall maintain a record of statement of accounts & maintain separate register of assets/records out of the grant and a register of assets shall be maintained by the department (departmental stock register). All procurements has to be routed through HoD of the PI department and Head-R&D.
  9. The grant amount shall be completely utilized on or before the approved period of project duration of respective financial year. After which the PI is not allowed to draw the remaining grant amount if any.
  10. A half-yearly Progress Report in the prescribed format and Utilization Certificate shall be submitted to the Head-R&D not later than one month after completion of every six months of the project. The PI should also present the progress as and when called for by appropriate authority.
  11. The grant may be receded if there is no progress in the project.
  12. The faculty shall achieve the outcomes/ progress as submitted during the approval/review presentation in front of the domain-specific expert. The tangible outcomes includes publishing in good quality journals and exploring the possibilities of patenting and/or productization.
  13. The PI is directed to acknowledge the research grant in all the publications, presentations, proceedings, etc emerging out of this particular project. For example: "Authors acknowledge the B.M.S. College of Engineering for financial support vide Project No. R&D/FRPS/2023-24/... /.... under Faculty research promotion scheme to carry out this work".
  14. The PI shall abide to the norms of the college from time to time.

To,

Dr. Kumar D, Assistant Professor  
Department of Electronics & Instrumentation Engineering

Copy to:

- Head-R&D
- Concerned HOD
- Accounts Section
- Office Copy

