

MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous College affiliated to APJ Abdul Kalam Technological University)

Mar Ivanios Vidyanagar, Nalanchira P.O, Thiruvananthapuram-695 015

Ref: MBT/PO/R&D/2022/ (53)

Date: 18/11/2022

NOTE

Sub: Research & Development matters – Inhouse R&D – Proposals approved – Regarding.

College has accorded financial sanction for six inhouse R&D projects, which were duly recommended by the RPC, with an outlay of Rs. 5,94,000/-

Following are the Investigators (PI) and the allocations given.

1. Ms. Prathibha S Nair & Ms. Vijitha Robinson	CSE	Rs. 30,500/-
2. Mr. Arun K & Mr. Praveen J.S	CSE	Rs. 99,000/-
3. Mr. Jijo Jose	ECE	Rs. 1,33,000/-
4. Dr. Shalu George K & Ms. Shyju Susan Mathew	EEE	Rs. 30,000/-
5. Mr. Mobin M. Mathew & Dr. Deepak G Dilip	ME	Rs. 1,33,500/-
6. Mr. Vaisakh S Nair & Dr. Premchand V.P	ME	Rs. 1,68,000/-

Total

Rs. 5,94,000/-

The PI shall execute the project and submit the report to the Dean (R&C) as per the associated guidelines, duly on time.

Details are enclosed.

BURSAR

To

The Individuals

HoDs

Dean (R&C)

Copy to: Asst. Bursar, IQAC Coordinator



[Signature]
18/11/2022
PRINCIPAL

MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY (Autonomous)
THIRUVANANTHAPURAM - 695015

MBT/RPC/Projects/2022-2023

31-08-2022

IN-HOUSE PROJECT FUNDING

The list of in-house projects and the proposed budget by the PIs is listed below for the consideration of the Research Promotion Committee.

#	Project Title	Principal Investigator	Co-PI	Dept.	Proposed Budget (INR)					
					Equip-ment	Consu-mables	Man-power	Travel	Contingencies/ Tests at external labs/ Data etc	Total
1	Design of a controller for rotary inverted pendulum	Dr. Shalu George K Asso. Professor	Ms. Shyju Susan Mathew Asst. Professor	EEE	---	27,500	---	---	2,500	30,000
2	5 DOF 3D Printed Robotic Arm	Mr. Jijo Jose, Asst. Professor	-	ECE	72,000	28,000	8,000	5,000	20,000	1,33,000
3	Automated DOA Measurement using Multiple EEG Features and Artificial Neural Network	Ms. Prathibha S Nair Asst. Professor	Ms. Vijitha Robinson Asst. Professor	CSE	---	6,000	---	2,500	22,000	30,500
4	Question Paper Management System	Mr. Arun K, Asst. Professor	Mr. Praveen J S Asst. Professor	CSE	46,000	12,000	35,000	2,000	4,000	99,000
5	Non -Rigid Dirigible Multifeatured Airship	Mr. Mobin M Mathew Asst. Professor	Dr. Deepak G Dilip Asst. Professor	ME	1,04,500	23,000	---	1,000	5,000	1,33,500
6	Experimental and numerical investigations on geometrical influence of sea shore structures on flood risk management	Mr. Vaisakh S Nair Assistant Professor	Dr. Premchand V. P. Asst. Professor	ME	1,30,000	33,000	---	2,000	3,000	1,68,000
TOTAL										5,94,000
Rupees Five Lakhs and Ninety-Four Thousand only										

Copy to RPC members.



Approved

NSR

26/09/2022

Bursar

28-09-22

Neethu Roy

26/09/2022

Dr. Neethu Roy, Dean (R&C)

**MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY
THIRUVANANTHAPURAM**

RESEARCH PROMOTION COMMITTEE

IN-HOUSE R&D PROJECTS – TERMS AND CONDITIONS

- i. Term of the project starts from the date issue of office order regarding the approval.
- ii. The maximum duration of the project is one year or as approved by Research Promotion Committee, from the date of approval.
- iii. Purchase requests should be forwarded to the Principal through HoD in the Internal R&D request form - **Form#12(a)**.
- iv. For purchase of equipment costing more than Rs. 10,000/- (single equipment), use **Form#12**. While using Form#12, mark head of account as “In-house R&D Projects”.
- v. All purchase documents should be maintained by the Investigator and presented at the time of review by the RPC.
- vi. Travel expenses, registration fee etc. for Conferences/workshops can be claimed as per the Policy for Personal Development Allowance and reimbursed from office on submission of original bills. Prior permission to be sought for participation and the request for reimbursement should be forwarded to the Principal through HoD.
- vii. On completion of the project, detailed report of the research work and utilization certificate duly attested by the Chairperson, Dept. RPC shall be submitted within one month of completion of the project.
- viii. All the research works can aim at publications in reputed journals/externally funded R&D projects.
- ix. On all publications resulting from the in-house projects, due acknowledgement shall be given to the Management, MBCET.

REVIEW SCHEDULE OF IN-HOUSE R&D PROJECTS – 2022-‘23

- Project Commencement Date: 18th November 2022
- Review by Department RPC and RPC (Once in six months/semester)
 - Tentative date of 1st Review: 3rd Week of May 2023

18/11/2022

Dr. Neethu Roy
Dean (R&C)