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PARALA MAHARAJA ENGINEERING COLLEGE

(An Autonomous college affiliated to Biju Patnaik University of Technology, Odisha, Rourkela)
SITALAPALLI, BERHAMPUR, DIST.:-GANJAM, PIN – 761003

No.PMEC/Estt. /1003

Date: 21/04/2026

OFFICE ORDER

Pursuant to the research proposals submitted in response to the College Notice issued in December 2025, it is hereby informed that the Board of Governors (BoG), in its 19th meeting held on 13.04.2026, after due consideration of the recommendations made by the Project Proposal Evaluation Committee (PPEC), has been pleased to accord administrative approval for the grant of seed money under the SMPG Scheme.

The list of approved research proposals, along with the names of the respective Principal Investigators (PIs), is appended herewith as Annexure-I.

All concerned are hereby requested to initiate the research work in accordance with the procedures and guidelines outlined in the aforementioned Notice. Further, it is advised that 2nd & 3rd year students, as many as possible, be actively involved as members of the research group to promote academic engagement and research exposure.

Memo No. PMEC/ Estt/ 1004.

Copy to:

- 1) All Deans/HoDs/Faculty Members of the College for necessary action.
- 2) The Deans (SRIC) and Finance Officer for information and necessary action.
- 3) The Dean (F & P) with a request for uploading on the college website.

Somshikha
21.04.2026
Principal
Parala Maharaja Engineering College
Dated 21/04/2026
Berhampur

Somshikha
21.04.2026
Principal
Parala Maharaja Engineering College
Berhampur

Annexure 1

SN	Name of the PI & Co-PI	Title of research proposal
1.	Dr Kanchan Kumari- PI (ME) Dr Chitrasen Samantara-Co-PI (ME) Mr Abhishek Barua-Co-PI (AE) Dr Swastik Pradhan- Co-PI (EE) Dr Manisha Priyadarshini- Co-PI Prof.Trilochan Rout-Co-PI (ME)	Experimental Investigation of MQL-assisted Machining of Nickel-Based Superalloy.
2.	Dr Sourav Kumar Bhoi-PI (CSE) Dr Kalyan Kumar Jena- Co-PI (CSE) Dr Chittaranjan Mallick- Co-PI (Math) Dr Debasish Mohapatra- Co-PI (CSE) Dr Suryalok Dash-Co-PI (EE)	Vehicular Ad-Hope Network-Based Dynamic Ambulance Green System for Mixed Traffic in Indian Urban Roads.
3.	Dr Debasish Mohapatra-PI (CSE) Dr Sourav Kumar Bhoi- Co-PI (CSE) Dr Kalyan Kumar Jena- Co-PI (CSE) Dr Chittaranjan Mallick- Co-PI (Math) Dr Ranumayee Sing- Co-PI (CSE)	An Explainable Multimodal AI Framework for Predicting Mental Health and Analysing the Effect of Family Conditions and Loneliness
4.	Dr Niranjana Panigrahy-PI (CSE) Dr Sourav Kumar Bhoi- Co-PI (CSE) Dr Chittaranjan Mallick- Co-PI (Math) Dr Kalyan Kumar Jena- Co-PI (CSE)	Computational Methods-based Human Sanitation Behavioural Modelling and Decision Support System Development for Rural Sanitation Management: A Case Study of Villages near P MEC, Odisha
5.	Dr Dinesh Kumar Dash- PI (ETC) Dr Raghunandan Swain- Co-PI (ETC) Dr Suryalok Dash, Co-PI (ETC) Prof.Sayan Chatterjee- Co-PI (ETC) Mr Abir Jana- CO-PI (ETC)	Efficiency Improvement in Quantum Dot Tandem Solar Cells for Enhanced Spectral Absorption through Multiple Exciton Generation.
6.	Dr Suryalok Dash-PI (EE) Dr Rashmi Ranjan Sahoo-Co-PI (CSE) Dr Sushree Sangita Patnaik-Co-PI (EE) Dr Raghunandan Swain-Co-PI (ETC)	Explainable Deep-Learning approach towards Non-Intrusive Appliance Energy and Health Monitoring in Smart Buildings.
7.	Dr Saroj Padhan-PI (EE) Dr Rakhee Panigrahi- Co-PI (EE) Dr Niranjana Panigrahi- CO-PI (CSE) Dr Sourav Kumar Bhoi- Co-PI (CSE)	AI-Assisted Intelligent Load Prioritisation and Control System for Resilient Power Networks
8.	Dr Monika Mohanty-PI (CE) Dr Himadri Sahu-Co-PI (ChE) Dr Kalyan Kumar Jena- Co-PI (CSE)	Sustainable Utilisation of Granite Wastes in Different Road Layers: A Step Towards Green Construction.
9.	Dr Punyatoya Misha- PI (Physics) Dr Satrujit Mishra-Co-PI (Physics) Dr Kanchan Kumari- Co-PI (ME) Dr Himadri Sahu- Co-PI (ChE)	Development of Green Sustainable Hybrid Polymer Composite for Microwave Absorption and Shielding Application


 21.04.2024
PRINCIPAL
 Parala Maharaja Engineering College
 Berhampur