



PARALA MAHARAJA ENGINEERING COLLEGE

(An Autonomous college affiliated to Biju Patnaik University of Technology, Odisha, Rourkela)

SITALAPALLI, BERHAMPUR, DIST.: GANJAM, PIN-761003

SUMMER INTERNSHIP BASED ON SEED MONEY PROJECT GRANT-2026

1. **Name of the Faculty:** Dr. Niranjana Panigrahi (PI)
2. **Department:** Computer Science & Engineering
3. **Contact Details of the Faculty:** Room No. 419, Department of CSE, Mobile No. 9861093074
4. **Name of the Project :** Computational Methods-based Human Sanitation Behavioral Modeling and Decision Support System Development for Rural Sanitation Management: A Case Study of Villages near P MEC, Odisha
5. **Objective of the Project:**
 - To collect data from nearby villages of P MEC, based on sanitation questionnaires
 - To formalize sanitation behaviour as computational states & model behaviour dynamics using stochastic processes.
 - To design algorithms for sanitation risk prediction & incorporate social interaction effects computationally.
 - To validate models through simulation and sensitivity analysis.
6. **Work to be Done by Interns:** Data Collection from nearby villages of P MEC, based on questionnaires, and Computational Modelling
7. **Internship Time Duration:** 8th June-15th July 2026
8. **Eligibility of Target Students:** B.E/B.Tech in CSE/Integrated MSc (Mathematics)/Integrated M.Tech (CS)
9. **Number of Internship Positions:** 02
10. **Fee Details:** Internship fee is Nil. However, out-station candidate, if interested for hostel accommodation, is required to pay Rs.7500 /- for food charges (Breakfast, Lunch and Dinner). Bank Details: Account Name: INTERNSHIP AND COURSES CSE DEPT
Account Number: 110195285251, Bank Name: Canara Bank, Branch Sitalapalli, IFSC Code: CNRB0017998
11. **How to Apply:** Interested candidates may apply for the said internship by filling the following Google form : <https://forms.gle/YaL8h1SVXkiDQrD57>
Last date of application is 03-06-2026.
12. **Selection Criteria & Intimation of Selection:** Selection will be purely based on CGPA. The selected candidates will be intimated through E-mail.

Sd/-

Dr. Niranjana Panigrahi
Assistant Professor
Department of CSE