



# PARALA MAHARAJA ENGINEERING 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

Sl.	Particulars	Details
1	Title of the Project	Vehicular Ad hoc Network based Dynamic Ambulance Green Corridor System for Mixed Traffic in Indian Urban Roads
2	Funding	Seed Money Project Grant (SMPG)
3	Internship Positions	03
4	Internship Time Duration	17th June–17th July 2026
5	Mode of Delivery	Offline
6	Name of the Principal Investigator	Dr. Sourav Kumar Bhoi, Dept. of CSE, PMEC Berhampur 761003, Odisha, Email: souravbhoi@gmail.com
7	Eligibility of Target Students	B.E/B.Tech in CSE/IT/Electronics/Electrical/relevant branch or M.Tech in CSE/IT/Electronics/Electrical relevant branch
8	Objective of the Project	<ul style="list-style-type: none"><li>• To study ITS, VANETs and emergency vehicle communication frameworks.</li><li>• To design and implement ETSR framework for ambulance movement.</li><li>• To develop Raspberry Pi-based distributed communication nodes.</li><li>• To implement synchronized green corridor formation.</li><li>• To analyze ETSR performance using experimental validation.</li></ul>
9	Work to be Done by Interns	Study of ETSR communication protocol, Raspberry Pi configuration, node-to-node wireless communication, synchronized signal coordination, ambulance-edge-intersection communication deployment, laboratory-scale experiments, and performance result analysis.
10	Fee Details	Internship fee is Nil. However, out-station candidates interested in hostel accommodation and food are required to pay Rs.7500/- per month (approximate).
11	How to Apply	Interested candidates may apply through below Link: <a href="https://forms.gle/pU15A2TVjqZTHC7HA">https://forms.gle/pU15A2TVjqZTHC7HA</a> <b>Last date of application: 10-06-2026</b> <b>During applying, NO PAYMENT IS NEEDED.</b> The selected students those opt for hostel only can make payment later, after intimation of selection by e-mail.
12	Selection Criteria	Selection will be purely based on CGPA. Selected candidates will be intimated through E-mail.

Sd/-  
**Dr. Sourav Kumar Bhoi**  
Assistant Professor  
Department of CSE



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## INTERNSHIP APPLICATION FORM

Sl.	Particulars	Details
1	Name of the Student	
2	Email ID	
3	Contact Number	
4	Whatsapp Number	
5	Gender	Male      Female      Other
6	Name of your Institute	
7	Complete Address of your Institute	
8	Educational Qualification	
9	Branch	
10	Semester	
11	Hostel Accommodation Required?	Yes      No
12	Research Area/Project Area/Project Detail	
13	Faculty under whom internship is to be undergone	
14	Payment Status	Paid      Not Paid

**Signature of the Applicant**