

SCMS SCHOOL OF ENGINEERING & TECHNOLOGY, KARUKUTTY
DEPARTMENT OF CIVIL ENGINEERING

RESEARCH

Sl. No	Title	Project	Funding Agency	Amount	Year
1	Micro Plastic Pollution	Source characterization, transport modelling and assessment of impact on fish population in Kadambayar river and Vembanad backwater region'	Directorate of Environment & Climate Change Dept of Environment	Rs. 13,09,000/-	2019- 2021

CONSULTANCY WORKS / FUNDED PROJECTS

Sl No	Title	Project	Funding Agency	Amount	Year
1	PMU RKI -LSGD Field Studies	Rebuilding flood affected rodas	Project Management Unit-Rebuild Kerala Initiative (PMU-RKI)		2019 - 2020
2	Reclamation of 200 acres of barren land	Post flood rehabilitation works, Road survey project, technical advice provided to "Koodorukam Keralam" Project	Kerala State Government		2019- 2020
3	Solid Waste Characterisation	Solid Waste Characterisation at Brahmapuram	GJ ECO Power Private Limited		2019

4	Site Surveying & Estimation for Life Mission	Site Surveying & Estimation for Life Mission - Chalakudy	Chalakudy Municipality		2018
5	Road Surveying	Road Surveying for widening for a road stretch at Koratty Panchayath	Koratty Panchayath		2018
6	Water Management Plan	Background Study for Developing a Water Management Plan water audit, water quality atlas for Meloor Grama Panchayat	Meloor Grama Panchayat	Rs.85000/-	2018
7	Water audit				
8	Water quality atlas				
9	Water Audit	Water Audit for Government Girls Higher Secondary School, Ernakulam South	Rotary Club	Rs.20000	2018
10	Testing of Materials			Rs.34000/-	2018-2019
11	Assessment of imported water in Guruvayur Municipality	Guruvayur City Level Water Audit	Guruvayur Municipality	Rs.2,85000/-	2017-2018
12	Groundwater assessment and management in Guruvayur				
13	Assessment of surface water availability for public distribution in Guruvayur Municipality				

14	Water audit for Guruvayur Municipality				
15	Conceptual feasibility study of desalination plant in Guruvayur				
16	Testing of Materials			Rs.63000/-	2017-2018
17	Estimation of Non-Revenue water in Meloor Panchayath	In collaboration with SEWERIN GmbH, Germany- Necessary equipments have been made available by NIVUS GmbH	SEWERIN GmbH	Leak detection instruments costing about Rs. 15 lakhs made available by SEWERIN GmbH	2017
18	Establishment of a centre of excellence on water and waste water	Establishment of a centre of excellence on water and waste water	Baden Württemberg Foundation	€ 70,000	2016-2019
19	Green Audit	Green Audit for Union Christian College, Aluva	Union Christian College, Aluva	Rs.20000	2017
20	Design for Sewage treatment Plant	Preparation of Design for Sewage treatment Plant	Thiruvalla Medical Mission Nursing College	Rs.25000	2017
21	Assessment of water use efficiency in Chalakkudy river diversion scheme	In collaboration with NIVUS GmbH, Germany- Necessary equipments have been made available by NIVUS GmbH	NIVUS GmbH, Germany	Ultrasonic flow sensors costing Rs 10 lakhs have been made available by NIVUS GmbH	2016-2017

22	Water allocation plan of Thumboormuzhy	Water allocation plan of Thumboormuzhy left bank analysed using ultra sonic flow meter and satellite remote sensing	NIVUS GmbH	Ultrasonic flow sensors costing Rs 10 lakhs have been made available by NIVUS GmbH	2016-2017
23	Green Audit	Green Auditing of SH College , Chalakkudy	SH College , Chalakkudy	Rs.20000	2016-2017
24	Green Audit	Green Auditing of KKTM College Kodungallor	KKTM College Kodungallor	Rs.20000	2016-2017
25	Testing of Materials			Rs.33100/-	2016-2017
26	Optimization of Automated Biomonitoring for Indian conditions	In collaboration with LimCo GmbH, Germany – necessary equipments have been made available by LimCo for Optimization of Automated Biomonitoring for Indian conditions	LimCo GmbH, Germany	Automated Multi species Biomonitoring Device costing Rs 8 lakhs have been made available by LimCo	2015-2016
27	Biomonitoring the effect of salinity on different fish species				
28	Study on Application of MFB in Aquaculture and Acute Toxicity of Micro Pollutant				
29	Testing of Materials			Rs.13000/-	2015-2016

30	Fate of Contaminants in the Process of Desalination with Electrodialysis	In Collaboration with University of Applied sciences, Ravensberg Weingarten and SCMS Group as per the MoU signed	Baden Württemberg Foundation	€ 70,000	2014-2015
31	Technical assistance for the development of Kochi Water Policy	Technical assistance for the development of Kochi Water Policy	Kochi Municipal Corporation	Rs 4,75,000	2014-2015
32	Testing of Materials			Rs. 29700/-	2014-2015