

**LIST OF CERD STUDENT PROJECTS IN CHEMICAL ENGINEERING
SCHEDULED FOR PRESENTATION
OCTOBER 2018**

The principal investigator (faculty) accompanied by at least one student investigator should be present at the time of student project presentation. The student investigators will not be permitted to present if the principal investigator is absent.

Chemical Engineering

Sl No	Name of Principal Investigator	Name of student investigators	Title	College	Date & Time of presentation
1	Dr.Sajeena Beevi B Asst Prof	Aleena Shelvi K Anand Kumar M Blessmy Rose K Reethu Mathew	Synthesis and characterization of cost- effective water purifiers: Graphene Oxide- Starch membranes as universal sieves for waste water treatment	GEC Thrissur	22/10/2018 9am
2	Dr Subin Poulose Asst Prof	Aishwarya P Nambiar Kiran A S Mohammed Unais C P Steve Roy	Preparation, stabilization, mechanical properties evaluation, thermal analysis, property enhancement and fabrication of silver ink for inkjet printing	GEC Thrissur	22/10/2018 9am
3	Dr.Anjana R Asst Prof	Dileep Nampoothiri Gayathri Ravindran Prabhath Ajayakumar Tony Saji	Synthesis and characterization of biodegradable plastics from polystyrene and polylactic acid/cellulose acetate/ starch blends/ by in situ polymerisation	GEC Thrissur	22/10/2018 9am
4	Dr.Meera Anna Philip Asst Prof	Ann Mary John Hijab C P Kumar Namratha Vinaya Mona Mangsatabam	Ultrasound-assisted synthesis and characterization of frankincense oil based nano emulsions.	GEC Thrissur	22/10/2018 9am

5	Dr.Anu N Asst Prof Bismi Basheer Asst Prof (Co-Investigator)	Safa Ashraf N Irene Wilson Pranav Santhosh Nusaif Sajith	Biodiesel production from Botryococcus braunii using egg shell as the catalyst	TKM College of Engg	22/10/2018 9am
6	Shan S Asst Prof Dr. Anu N Asst Prof (Co-Investigator)	M Vivek Meenakshi Priyadarsini Sruthy C Nair Sujina S	Characterization and synthesis of graphene silver(G-Ag) based nanoprint as an effective anti- fouling agent	TKM College of Engg	22/10/2018 9am
7	Femina A Asst Prof Adil Muhammed Asst Prof (Co-Investigator)	Ajmal Ashraf Pooja R R Rahul Sreelakshmi K A	Value added products from plastic waste by catalytic pyrolysis	TKM College of Engg	22/10/2018 9am
8	Adil Muhammed Asst Prof Gokul Venugopal Asst Prof (Co-Investigator)	Akhil Prasanna Kumar Anakha Dilkumar Melvin Alexander Roshan I Ajmal Ashraf	Design and fabrication of handy photo-bioreactor for spirulina platensis cultivation	TKM College of Engg	22/10/2018 9am
9	Adil Muhammed Asst Prof Dr.Anu N Asst Prof (Co-Investigator)	Avatar N Poduval Piyush Oonnikrishnan Pranav K Nrayanan Yaduraj K	Experimental investigation of oxygenic photo granules (OPGs) for the treatment of municipal waste water	TKM College of Engg	22/10/2018 9am
10	Dr.Anu N Asst Prof Manikandan P M Asst Prof (Co-Investigator)	Rijo C Andrews Mukesh Muraleedharan Roshan I Piyush Oonnikrishnan	Process design for water purification along with energy generation using water hyacinth (Eichhornia crassipes) : A sustainable development approach	TKM College of Engg	22/10/2018 9am

11	Bismi Basheer Asst Prof Fazil A Asst Prof (Co-Investigator)	Amrutha Preetham C K Devi Rajendran Sheethal Haldus Shilpa C J	CFD simulation of oil spill and synthesis of sustainable polysulphides from repurposed industrial waste for oil spill remediation	TKM College of Engg	22/10/2018 9am
12	Dr. Usha K M HOD & Prof Shijina S S Asst Prof (Co-Investigator)	Akhila Krishnan C Shilpa K Nayana Shilpa Raj S	Design of a water disinfection system using silver and copper nanoparticles impregnated coconut shell waste carbon	Mohandas College of Engg & Technology	22/10/2018 9am