

Collaborative Activities

2019-20

Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Nature of the activity
Student Exchange Program	Nanyang Technological University, Singapore.	M.Naga Kalyan	NTU - Global India Connect Program
Investigation of Particle Level Kinetic Modeling for Babul Wood Pyrolysis	University of Petroleum and Energy Studies (UPES), School of Engineering, Dehradun 248007, India.	Ramesh Naidu Mandapati	Research Publication
Fourier Transform Infrared Spectroscopy (FTIR), Raman Spectroscopy and Wide-Angle X-ray Scattering (WAXS) of Polypropylene (PP)/Cyclic Olefin Copolymer (COC) Blends for Qualitative and Quantitative Analysis	Yanbu Research Center, Royal Commission for Yanbu-Colleges and Institutes, P.O. Box 30436, Yanbu Industrial City, 41912, Kingdom of Saudi Arabia.	Ramesh Naidu Mandapati	Research Publication
Experimental Study of Hydrodynamics Leading to Estimation of Acceleration Length in a Laboratory Riser System Using Sand and Limestone	SVU College of Engineering, SV University, Tirupathi-517502, India.	Ashok Kumar Popuri	Research Publication
Kinetic Effect and Absorption Performance of Piperazine Activator into Aqueous Solutions of 2-Amino-2-Methyl-1-Propanol Through Post-Combustion	NIT Durgapur, India.	Anoar Ali Khan	Research Publication
Influence of Process Parameters on the Yield of Mn ₃ O ₄ Through Sonochemical Route	Koneru Lakshmaiah Education Foundation, Vaddeswaram, 522502, India.	Venkata Swamy Nalajala	Research Publication
An Elliptical Model for Lockstitch 301 Seam to Estimate Thread Consumption	NIT Jalandhar, Jalandhar-144011, India.	Vaseem Chavhan	Research Publication

Design, Synthesis and Molecular Modeling of Nonsteroidal Anti-inflammatory Drugs Tagged Substituted 1,2,3-Triazole Derivatives and Evaluation of Their	Koneru Lakshmaiah Education Foundation, Vaddeswaram, 522502, India.	Tondepu Subbaiah	Research Publication
Synthesis, Molecular Properties, and Biological Evaluation of Hybrid 1,2,3-Triazolypolyaza Heterocyclic Compounds	Koneru Lakshmaiah Education Foundation, Vaddeswaram, 522502, India.	Tondepu Subbaiah	Research Publication
Hydrodynamics and Energy Analysis of Heavy Crude Oil Transportation Through Horizontal Pipelines Using Novel Surfactant	Department of Petroleum Engineering, Koneru Lakshmaiah Education Foundation, Vaddeswaram, 522502, India.	Tondepu Subbaiah	Research Publication
Comparison and storage study of ultra-filtered clarified jamun (<i>Syzygium cumini</i>) juice	National Institute of Technology, Rourkela, Rourkela, Odisha, 769008, India.	Payel Ghosh	Research Publication
Water Quality Testing and Monitoring System	Sungshin Women's University, Seoul, Republic of Korea (South Korea).	V Madhusudhan Rao	Research Publication
Torrefied and Unmodified Capsicum Annuam Biochar for the Removal of Synthetic Hazardous Pesticide (carbofuran) from Watershed	CSIR -Indian Institute of Chemical Technology, Hyderabad, Telangana 500 007, India.	Vijetha Ponnamp	Research Publication
Preparation of Barium Titanate from Barite Ore of Andhra Pradesh	KLEF, Guntur.	Tondepu Subbaiah	Research Publication
An Integrated Methodology Towards Mitigation of Global Warming and Biomass Production for Biodiesel Using Chlorella Sorokiniana BTA 9031	National Institute of Technology Durgapur, Durgapur, India	Anoar Ali Khan	Research Publication
Effect of Different Thermal and Non-Thermal Treatments on Total Phenols and Antioxidant Content of Soybean	Indian Institute of Technology, Kharagpur, India.	Rahul Kumar	Research Publication

Effect of Barriers Height at Inclined Cascade Aerator	Harcourt Butler Technical University, Kanpur, India, Assam University, Silchar, India.	Mahuwa Ghosh	Research Publication
Development of Ambient Stable Retort Pouch Processed Ramasseri Idli	COH, Vellanikkara, India.	Krishna Prabha	Research Publication
The Potential of Aloe vera Gel and Cinnamon Oil Coating for Improving the Shelf Life of Pomegranate Arils	Vignan's Foundation For Science, Technology And Research, Vadlamudi, Guntur, Andhra Pradesh, India.	Kumkum CR	Research Publication
Influence of Common Weighing Agents on Rheological Behaviour of Drilling Mud	Vignan's Foundation for Science, Technology and Research, Vadlamudi, Guntur, India.	Venkata Swamy Nalajala	Research Publication
2018-19			
Supported Liquid Extraction and LC-MS-MS Determination of Iloperidone and Olanzapine in Rat Plasma: Application to a Pharmacokinetic Study	Andhra University, Visakhapatnam, India.	V. Madhusudhan Rao	Research Publication
Hydrodynamic and Heat Transfer Studies in Riser System for Waste Heat Recovery using Chalcopyrite	SVU college of engineering, SV University, Tirupathi-517502, India.	Ashok Kumar Popuri	Research Publication
Hydrodynamic and Heat Transfer Studies in Riser System for Waste Heat Recovery Using Limestone	SVU college of engineering, SV University, Tirupathi-517502, India.	Ashok Kumar Popuri	Research Publication
Multi Level Statistical Optimization of L-Asparaginase From Bacillus Subtilis VUVD001	National Institute of Technology, Tadepalligudem, Andhra Pradesh 534101, India.	Bangaraiah Pagala	Research Publication
Kinetic and Thermodynamic Studies on Removal of Lead Using Tamarind Fruit Shell Powder and Algae	SVU College of Engineering, SV University, Tirupathi-517502, India.	Bangaraiah Pagala	Research Publication

A Three Phase Unbalanced Power Flow Method for Secondary Distribution System	JC College of Engineering.	Vijetha Ponnamp	Research Publication
Designing of Personnel Protective Clothing for Protection Against Cbrn Agents: A Review	NIT Jalandhar, Jalandhar-144011, India.	Md Vaseem Chavhan	Research Publication
Application of Scanning Electron Microscopy and Fourier-Transform Infrared Spectroscopy to Study Surface Design and Chemical Group Components of Merino Wool, Paschmina and Angora Fibers	IISC Bangalore, India.	Gurumurthy B R	Research Publication
2017-18			
Student Exchange Program	Korea University of Technology & Education, South Korea.	P Divya Sruthi	Korea University of Technology & Education, Student Exchange Program
Kinetic Modeling of Indian Rice Husk Pyrolysis	University of Petroleum and Energy Studies, Dehradun, Uttarakhand 248007.	Ramesh Naidu Mandapati	Research Publication
Study of Various Parameters in Biosorption of Lead Using Tamarind Fruit Shell as An Adsorbent	S.V.U. College of Engineering, Tirupati.	P. Bangaraiah	Research Publication
Biosorption and Kinetics of Lead Using Tamarindus Indica	S.V.U. College of Engineering, Tirupati.	P. Bangaraiah	Research Publication
Kinetic and Equilibrium Studies on Biosorption of Zinc Using Tamarindus Indica	S.V.U. College of Engineering, Tirupati.	P. Bangaraiah, B. Sarat Babu	Research Publication
Investigation of Cr(VI) Sorption onto C.limonium:Equilibrium, Kinetic,Thermodynamic Studies	Vignan University, Vadlamudi, A.P, India, Visakha Institute of Engineering & Technology, Visakhapatnam, A.P, India, Andhra University College of Engineering, Visakhapatnam, A.P, India.	Sumalatha B, Prasanna Kumar, and Y, King P	Research Publication
Investigation of Cotton Fabrics Treated With Sericin & Cross Linking Fabrics	VFSTR University, Vadlamudi, Guntur, AP.	E I Nagarajan, B, Venkatesh, Govardhan Rao Chilukoti, Md Vaseem Chavhan	Research Publication

Traceability Technologies Across the Food Value Chain	VFSTRU, India, Central Research and Audit Cell, KRBL limited	Priyanka Gupta and Himalaya Kaul	Research Publication
Structural Analysis of Merino Wool, Pashmina and Angora Fibers Using Analytical Instruments Like Scanning Electron Microscope and Infra-Red Spectroscopy	Vignan University, Guntur, National Institute of Technology, Jalandhar India, Indian Institute of Science, Bangalore	Gurumurthy BR, Dinesh Bhatia and Ramesh KP	Research Publication
Investigation of Cr(VI) Sorption onto C.limonium:Equilibrium, Kinetic,Thermodynamic studies	Vignan University, Vadlamudi, A.P, India, Visakha Institute of Engineering & Technology, Visakhapatnam, A.P, India, Andhra University College of Engineering, Visakhapatnam, A.P, India.	Sumalatha B, Prasanna Kumar, and Y, King P	Research Publication
Studies on Biosorption of Arsenic from Aqueous Solutions Using Citrus limonium as Biosorbent	Vignan University, Vadlamudi, A.P, India, Visakha Institute of Engineering & Technology, Visakhapatnam, A.P, India, Andhra University College of Engineering, Visakhapatnam, A.P, India	Sumalatha B, Prasanna Kumar, and Y, King P	Research Publication
2016-17			
Enhanced Electrochemical Performance of Carbon-Coated LiMPO ₄ (M = Co and Ni) Nanoparticles as Cathodes for High-Voltage Lithium-ion Battery	Pondicherry University, Pondicherry, India.	V. Madhusudhanrao	Research Publication
Membrane Bioreactors for Waste Water Treatment	Priyadarshini Institute of Science & Tech, Tenali, A.P	A. Venkata Narayana, B. Sumalatha, D. John Babu, and T. C. Venkateswarulu	Research Publication
Extraction of Biodiesel From Azadirachta Indica	S.V. University, Tirupati.	P.Bangaraiah, P. Ashok Kumar	Research Publication
Zero Liquid Discharge (ZLD) Industrial Wastewater Treatment System	VLITS, Vadlamudi, Guntur (Dist), Andhra Pradesh, India.	Ashok Kumar Popuri., Prashanti Guttikonda	Research Publication
Color Removal from Dye Wastewater Using Adsorption	VLITS, Vadlamudi, Guntur (Dist), Andhra Pradesh, India.	Ashok Kumar Popuri, Ramesh Naidu Mandapati, and Bangaraiah Pagala	Research Publication

Physico-Chemical Treatment of Textile Wastewater by Coagulation Using Potassium Alum	VLITS, Vadlamudi, Guntur (Dist), Andhra Pradesh, India.	Ashok Kumar Popuri, and Jagadeesh Babu Maddukuri	Research Publication
Sequestering Nickel(II) Ions from Aqueous Solutions Using Ulva Lactuca as a Low Cost Sorbent	VLITS, Vadlamudi, Dist, Guntur (A.P.) India.	Prashanti Guttikonda	Research Publication
Kinetic, Thermodynamic and Equilibrium Studies for the Biosorption of Chromium from an Aqueous Solution on to Ipomeapalamata Leaves Powder	Visakha Institute of Engineering & Technology, Visakhapatnam.	K Kumaraswamy, BV Dhananjanyulu	Research Publication
Phenol Removal from Industrial Effluent Using Emulsion Liquid Membranes	Priyadarshini Institute of Science & Tech, Tenali, A.P	B Sumalatha, A Venkata Narayana, D John Babu, T.C.Venkateswarulu	Research Publication
2015-16			
Bioremediation of Sewage Waste Waters by the Phototrophic Bacterial Consortium Isolated from Paddy Fields	Mahatma Gandhi Institute of Technology, Hyderabad, India, Mahatma Gandhi University, Nalgonda-508254, India;	Madhusudhan Rao V and Nagaraju Devanuri	Research Publication
Design and Simulation of a Plant Producing Dimethyl ether (DME) from Methanol by Using Simulation Software ASPEN PLUS	SGIET, Markapur, A.P, India.	B. Sumalatha, A. Venkata Narayana, D. John Babu, and T. C. Venkateswarulu	Research Publication
Modeling of Freeboard Fluidized Bed Coal Gasifier	SGIET, Markapur, A.P.	A. Venkata Narayana, B. Sumalatha, A. Ranganath Reddy, T. C. Venkateswarulu	Research Publication
Treatment of Textile Dyeing Industry Effluent Using Coagulation Technique	S.V.U. College of Engineering, S.V. University, Tirupati, Dist, Chittoor (A.P.) India.	Ashok Kumar Popuri, Bangaraiah Pagala	Research Publication
A Study on Methanol and Biodiesel as Petro Fuel Alternatives	VLITS, Vadlamudi, Guntur Dist, Andhra Pradesh, India.	Ashok Kumar P and Bangaraiah P	Research Publication
Removal of Phenol from Wastewater Using Tamarind Nut and Commercial Activated Carbons	VLITS, Vadlanudi, Dist, Guntur (A.P.) India.	P. Ashok Kumar	Research Publication

Treatment of Textile Dyeing Industry Effluent Using Activated Carbon	VLITS, Vadlanudi, Dist, Guntur (A.P.), India.	Ashok Kumar Popuri	Research Publication
Removal of Nickel(II) Using Lotus Stem Powder as Adsorbent	VLITS, Vadlamudi, Dist.: Guntur (A.P.), India.	Ashok Kumar Popuri., Prashanti Guttikonda	Research Publication
Removal of Nickel (II) Using Fly Ash as Adsorbent	VLITS, Vadlamudi, Dist, Guntur (A.P.), India.	Ashok Kumar Popuri	Research Publication
Use of Agricultural Waste (Fly Ash) for Removal of Nickel Ions from Aqueous Solutions	VLITS, Vadlamudi, Dist, Guntur (A.P.) India.	Ashok Kumar Popuri	Research Publication
Removal of Toxic Metal Chromium(VI) from Industrial Wastewater Using Activated Carbon as Adsorbent	VLITS, Vadlamudi, Dist.: Guntur (A.P.) India.	Ashok Kumar Popuri	Research Publication
Kinetic and Equilibrium Studies For the Removal of Chromium Using Eggshell Powder	SVP College of Engineering, Visakhapatnam, Andhra Pradesh, India.	Y Prasanna Kumar	Research Publication