

List of Publications						
Name of teacher	Name of the Authors	Title of the Paper	Name of the Journal	Year of publication	ISBN/ISSN number	Name of the publisher
Anjum Hassan CA	P. Sirajudheen & Anjum Hassan CA	Ce (III) networked chitosan/ β -cyclodextrin beads for the selective removal of toxic dye molecules: Adsorption performance and mechanism	Carbohydrate polimer technologies and applications 1	2020	2666-8939	Elsevier
Basheer .M.C	Dr. Basheer .M..C	An Unusual Spectral Feature of Cationic Near Infra-Red Absorbing Squaraine Dyes		2019	9789352794201C	
Basheer M C	P. Sirajudheen & Basheer MC,	Adsorptive removal of anionic azo dyes from effluent water using Zr (IV) encapsulated carboxymethyl cellulose-montmorillonite composite	Environmental Chemistry and Ecotoxicology 2.	2020	2590-1826	
Basheer MC	P. Sirajudheen & Basheer MC,	Complex interior and surface modified alginate reinforced reduced graphene oxidehydroxyapatite hybrids: Removal of toxic azo dyes from the aqueous solution	International Journal of Biological MacromoleculeS.	2021	ISSN: 0141-8130 (print); 1879-0003 (web)	Elsevier
Basheer mc	P Sirajudheen, VC Resha Kasim, CP Nabeena, , MC BasheerSankaran Meenakshi	Tunable photocatalytic oxidation response of ZnS tethered chitosan-polyaniline composite for the removal of organic pollutants: A mechanistic perspective	Materials Today: Proceedings	2021	2214-7855	
Farsna OP	Prajitha Kumari, Aneesh. P Farsana. O. P	Cerium Incorporated Nanocrystalline ZSM-5: An Efficient Catalyst for Friedel Crafts Acylation of Toluene	Journal of Nanoscience and Nanotechnology.	2020	5823-5832	American Scientific Publishers
Farsna OP	Dr, Prajitha kumari, Farsana OP, Aneesh. P	Effect of Copper on Textural and Acidic Properties of Hierarchical Nanocrystalline ZSM-5”	Asia-Pacific Journal of Chemical Engineering.	2020	1932-2143	Wiley

Nabeena	P Sirajudheen, VC Resha Kasim, MC Basheer, Sankaran Meenakshi, CP Nabeena	Tunable photocatalytic oxidation response of ZnS tethered chitosan-polyaniline composite for the removal of organic pollutants: A mechanistic perspective	Materials Today: Proceedings	2021	2214-7854	
Nabeena	Sivakumar Vigneshwaran, Palliyalil Sirajudheen, Chettithodi Poovathumkuzhi Nabeena, Valiya Peedikakkal Sajna, Sankaran Meenakshi	Photocatalytic performance of chitosan tethered magnetic Fe ₂ O ₃ -like (3D/2D) hybrid for the dynamic removal of anionic dyes: Degradation and mechanistic pathways	International Journal of Biological Macromolecules	2021	0141-8131	
Nabeena	P. Sirajudheen & nabeena	In situ fabrication of ternary TiO ₂ doped grafted chitosan/hydroxyapatite nanocomposite with improved catalytic performance for the removal of organic dyes: Experimental and experimental and systematic studies	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2021	0927-7757	Elsevier.
Nabeena CP	P. Sirajudheen & nabeena	Facile synthesis of sulfur-doped chitosan/biochar derived from tapioca peel for the removal of organic dyes: Isotherm, kinetics and mechanisms	Journal of Molecular Liquids	2021	0167-7322	Elsevier
Nisheetha P	P. Sirajudheen & Nisheetha P	Magnetic carbon-biomass from the seeds of Moringa oleifera@ MnFe ₂ O ₄ composite as an effective and recyclable adsorbent for the removal of organic pollutants from water.	Journal of Molecular Liquids	2021	0167-7322	Elsevier
Prajitha Kumari	Prajitha Kumari, Aneesh. P Farsana. O. P	Cerium Incorporated Nanocrystalline ZSM-5: An Efficient Catalyst for Friedel Crafts Acylation of Toluene	Journal of Nanoscience and Nanotechnology.	2020	5823-5832	American Scientific Publishers

Prajitha Kumari	Dr. Prajitha kumari, Farsana OP, Aneesh. P	Effect of Copper on Textural and Acidic Properties of Hierarchical Nanocrystalline ZSM-5”	Asia-Pacific Journal of Chemical Engineering.	2020	1932-2143	
Prajitha Kumari	Dr. Prajitha Kumari	Cerium Incorporated Nanocrystalline ZSM- 5: An Efficient Catalyst for Friedel Crafts Acylation of Toluene	Journal of Nanoscience and Nanotechnology:	2020	15334880	
Sajana V P	International, Sanjay K Nayak, Smitha Mohanty	Influence of Nanoclay and Graft Copolymer on the thermal and flammability properties of Poly/Banana Fiber Biocomposites	Journal of vinyl and Adoitive technology	2016		
Sajana V P	International, Sanjay K Nayak, Smitha Mohanty	Weathering and Biodegradation study on graft copolymer compatibilized Hybrid Bionanocomposites of Poly (Lactic Acid)	Journal of material Engineering and Performance	2016	25-2895 2906	
Shafeekh K.	Dr. Shafeekh K.	Multichannel DNA Sensor Array Fingerprints Cell States and Identifies Pharmacological Effectors of Catabolic Processes	ACS Sensors 2019	2019	ISSN 2379-3694	6.944
Shafeekh KM	Dr. Shafeekh KM	‘Symmetrical diiodinated squaraine as a biocompatible photosensitizer: Indications from cytotoxicity and genotoxicity studies’	Accepted for publications in Drug and Chemica Toxicology (Impact factor = 1.233)	2021		
Shafeekh KM	Dr. Shafeekh KM	Cucurbituril directed assembly of colloidal membrane and stimuli responsive microcapsules at the liquid-liquid interface’,	Langmuir	2018		ACS Publication
Shafeekh KM	Dr. Shafeekh KM	Reversible regulation of esterase activity via host–guest molecular recognition at the nanoparticle surface	Bulletin of Materials Science	2021	ISSN: 0250-4707 (print); 0973-7669 (web)	Indian Academy of Sciences

Shafeekh km	M. S Soumya, D. G. Devi, , S. Das, A. Abraham	Photodynamic therapeutic efficacy of symmetrical diiodinated squaraine in in vivo skin cancer models'	Elsevier	2017	ISSN: 1572-1000	
Sirajudheen	Palliyalil Sirajudheen, Nabeena Chettithodi Poovathumkuzhi, Sivakumar Vigneshwaran, Basheer Meethale Chelaveettil, Sankaran Meenakshi	Applications of chitin and chitosan based biomaterials for the adsorptive removal of textile dyes from water — A comprehensive review	Carbohydrate PolymersElsevier	2021	0144-8617	
Sirajudheen	P Sirajudheen, VC Resha Kasim, CP Nabeena, MC Basheer, Sankaran Meenakshi	Tunable photocatalytic oxidation response of ZnS tethered chitosan-polyaniline composite for the removal of organic pollutants: A mechanistic perspective	Materials Today: Proceedings	2021	2214-7853	
Sirajudheen	Sivakumar Vigneshwaran, Perumal Karthiyan, Palliyalil Sirajudheen, Sankaran Meenakshi	Optimization of sustainable chitosan/Moringa. oleifera as coagulant aid for the treatment of synthetic turbid water – A systemic study	Environmental Chemistry and Ecotoxicology	2020	2590-1826	
Sirajudheen	P Sirajudheen	Visible Light assisted Photocatalytic Acitivity of Zinc Titanate in Presence of Metallic Sodium	Journal of Material Science and Engineering	2016	2169-0022	
Sirajudheen	P. Sirajudheen	Fabrication of sulphur -doped biochar derived from tapioca peel waste with superior adsorption performance for the removal of malachite green and rhodamine B dyes		2021	2468-0230	Elsevier
Sirajudheen	P. Sirajudheen & Nisheetha P	Magnetic carbon-biomass from the seeds ofMoringa oleifera@ MnFe2O4 composite as aneffective and recyclable adsorbent for theremoval of organic pollutants from water..	Journal of Molecular Liquids	2021	0167-7322	Elsevier

Sirajudheen	P. Sirajudheen & Nabeena	In situ fabrication of ternary TiO ₂ doped grafted chitosan/hydroxyapatite nanocomposite with improved catalytic performance for the removal of organic dyes: Experimental and experimental and systematic studies	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2021	0927-7757	Elsevier.
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Sirajudheen	P. Sirajudheen & Anjum Hassan CA	Ce (III) networked chitosan/ β -cyclodextrin beads for the selective removal of toxic dye molecules: Adsorption performance and mechanism	Carbohydrate polymer technologies and applications 1	2020	2666-8939	Elsevier
Sirajudheen	P. Sirajudheen	Effective removal of organic pollutants by adsorption onto chitosan supported graphene oxide-hydroxyapatite composite: A novel reusable adsorbent	Journal of Molecular Liquids.	2020	0167-7322	Elsevier
Sirajudheen	P. Sirajudheen	Environment responsive Al ³⁺ networked chitosan-gelatin spherical beads for the effective removal of organic pollutants from aqueous solutions.	International Journal of Biological Macromolecules.	2020	0141-8130	Elsevier
Sirajudheen	P. Sirajudheen	Perceptive removal of toxic azo dyes from water using magnetic Fe ₃ O ₄ reinforced graphene oxide-carboxymethyl cellulose recyclable composite: Adsorption investigation of parametric studies and their mechanisms..	Surfaces and Interfaces	2020	2468-0230	Elsevier

Sirajudheen	P. Sirajudheen	Synthesis and characterization of La (III) supported carboxymethylcellulose-clay composite for toxic dyes removal: Evaluation of adsorption kinetics, isotherms and thermodynamics	International Journal of Biological Macromolecules. C	2020	1117-1126.	Elsevier
Sirajudheen	P. Sirajudheen	Mechanistic performance of organic pollutants removal from water using Zn/Al layered double hydroxides imprinted carbon composite..	Surfaces and Interfaces 20	2020	2468-0230	Elsevier
Sirajudheen	Perumal Karthikeyan, P Sirajudheen, Manuvel Raja Nikitha, Sankaran Meenakshi	Removal of phosphate and nitrate via a zinc ferrite@ activated carbon hybrid composite under batch experiments: study of isotherm and kinetic equilibriums	Environmental Nanotechnology, Monitoring & Management	2020	2215-1532	
Sirajudheen	P. Sirajudheen & Basheer MC,	Adsorptive removal of anionic azo dyes from effluent water using Zr (IV) encapsulated carboxymethyl cellulose-montmorillonite composite	Environmental Chemistry and Ecotoxicology 2.	2020	2590-1826	
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Sirajudheen	P. Sirajudheen	Encapsulation of bimetallic Zn-Fe hydroxides on activated carbon and its litheness in tuning anionic and rhoda dyes through adsorption mechanism.	Asia-Pacific Journal of Chemical Engineering	2020	1932-2143	Wiley
Sirajudheen	P. Sirajudheen	Immobilization of MIL-88(Fe) anchored TiO ₂ -chitosan(2D/2D) hybrid nanocomposite for the degradation of organophosphate pesticide: Characterization, mechanism and degradation intermediates	Journal of Hazardous Materials	2021	0304-3894	Elsevier
Sirajudheen P	Dr. Sirajudheen P	Lanthanum (III) incorporated chitosan-montmorillonite composite as flexible material for adsorptive removal of azo dyes from water	International Conference on Recent Advances and Manufacturing (ICRAMM)	2020	2214-7853	Elsevier
Sirajudheen,	Sivakumar Vigneshwaran, Palliyalil Sirajudheen, Poovathumkuzhi Nabeena, Valiya Peedikakkal Sajna, Sankaran Meenakshi	Photocatalytic performance of chitosan tethered magnetic Fe ₂ O ₃ -like (3D/2D) hybrid for the dynamic removal of anionic dyes: Degradation and mechanistic pathways	International Journal of Biological Macromolecules	2021	0141-8130	
Sirajudheen,	P Sirajudheen, S Meenakshi	Encapsulation of Zn-Fe layered double hydroxide on activated carbon and its litheness in tuning anionic and rhoda dyes through adsorption mechanism	Asia-Pacific Journal of Chemical Engineering	2020	1932-2143	
Sirajudheen,	P Sirajudheen, Sankaran Meenakshi	Facile synthesis of chitosan-La³⁺-graphite composite and its influence in photocatalytic degradation of methylene blue	International Journal of Biological Macromolecules	2019	0141-8130	

Sajna vp	Sivakumar Vigneshwaran, Palliyalil Sirajudheen, Chettithodi Poovathumkuzhi Nabeena, Valiya Peedikakkal Sajna, Sankaran Meenakshi	Photocatalytic performance of chitosan tethered magnetic Fe ₂ O ₃ - like (3D/2D) hybrid for the dynamic removal of anionic dyes: Degradation and mechanistic pathways	International Journal of Biological Macromolecules		0141-8132	
				2021		