

## 9<sup>th</sup> IconSWM-CE 2019, November 27-30, 2019;

Venue : Convention Centre, Campus 6, KIIT Bhubaneswar, Odisha

### LIST OF POSTER PRESENTATION (14 Posters)

**Kindly note that all the full papers submitted for this poster presentation will be considered and reviewed for publication in the theme based books to be published by springer nature Singapore and other reputed publishers.**

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Sl. No.	Abs. Code (A)	Title of the paper	Authors Details
1.0	3	Interface Shear Strengths between Bagasse ash and Geogrid.	Aditya Kumar Bhoi <sup>1,*</sup> , JnanendraNath Mandal <sup>2</sup> andAshish Juneja <sup>3</sup> IIT Bombay, Powai, Mumbai – 400 076
2.0	6	Conversion of Red Mud into High Energy X-ray Shielding Tiles.	RiniPaulose a, VarshaAgrawala, AbhishekGiri a, Anshuman Panda, Dr. Sunil K Sanghi a, Dr. Deepti Mishra a, and Dr. ShabiThankarajSalammal CSIR-AMPRI, Bhopal, Madhya Pradesh, India
3.0	8	Adsorption Studies on the Removal of Pb <sup>2+</sup> ions from Aqueous Solutions using Citrus Sinensis Peel.	ShubhangiS.Malkhede MIT,Kothrud, Pune. Maharashtra State, India
4.0	13	Sustainable Manufacturing Practices in Alloy Steel Foundries.	Prof V.Suresh Chandra Indus Business Academy, Thataguni, Bangalore
5.0	16	Behavioral Pattern of strength achievement of mine tailings as building material.	RohitMalawade 1 , K G Guptha 2 , Praveen Ghorpade 3; VTU-RRC, Belagavi
6.0	17	Prevent and Protect of Environmental Management in SCCL	Dr. Chinthireddy Prakash Osmania University, HYD-07
7.0	22	Empirical Study on Embodied Energy consumption in housing projects	Raja Sekhar Mamillapalli1 Sarbesh Mishra2 NICMAR Hyderabad
8.0	23	Experimental investigation on synthesis of biodiesel from non-edible Neem seed oil: Production optimization and evaluation of fuel properties	S. K. Dash 1,* , P. K. Das 1 , C. K. Hirwani 1 , R. Kumar 1 Aditya Engineering College, Surampalem, Andhra Pradesh, India
9.0	26	Screening and Characterization of Aerobic Bacterial Strains Capable of Degrading and Metabolising the Synthetic Pigment-Melanoidin	Swabna Vivekanandam1, Selvakumar Muniraj2 and VasanthiMuthunarayanan*2 t Joseph’s College, Tiruchirappalli, Tamil Nadu, India.
10.0	37	Improvement in biogas production by direct interspecies electron transfer technique: Current aspects and diverse prospects	Ravi Bajaj1, Kapil Garg2, Sagarika Panigrahi3, Brajesh Kumar Dubey4,* Indian Institute of Technology Kharagpur, City,
11.0	39	Characterization of Waste Engine oil (WEO) Pyrolytic oil and Gasoline Blended oil and Determination of Optimum Blending Conditions	Nivedita Patel, Krushna Prasad Shadangi* Veer SurendraSai University of Technology, Burla, Odisha, India
12.0	49	Symbiotic Recycling Systems for Creating Sustainable Habitats	Ganganarayan Das
13.0	50	Assessment of the role of bacteria of fish gut waste and latex Of papaya waste in promoting immunity in edible fish	V. Chandra Rekha 1 , D. SaiVinathi 1 , T. Hemalatha 1 A. Sridevi 2 , N. Rajani 3 and V. Kalarani 1 * Department of Biotechnology, Tirupati – A.P.

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14.0	57	Utilization of industrial waste slags in sustainable concrete blends	S.R.Patra 1, I.Mohanty 2,*, S.K.Jha3 KIIT University, Bhubaneswar -751024,India
15.0	63	Performance and Emission Analysis of an CI Engine using Biogas derived from Kitchen waste and its blend with diesel fuel	
16.0	65	Class Room Duster Cleaner	PallabBasuMallik Future Institute of Engineering and Management, Kolkata
17.0	71	Bearing Capacity Of Reinforced Soil On Varying Footing Size	Bandita Paikaray1 , Sarat Kumar Das1, BenuGopal Mohapatra2,Sweta Sarangi2 KIIT, Deemed to be University, Bhubaneswar, India
18.0	75	Shear Strength Behavior of Municipal Solid Waste for Bangalore City	Sandeep Kumar Chouksey National Institute of Technology, Raipur
19.0	85	Bioenzyme: A program to promote use of natural cleaner through educational institutes	Leena Kelshikar, Cofounder, Rnisarg Foundation; Dr Lata Ghanshamnani, Cofounder, Rnisarg Foundation, Ms. Ambily Adithyan, Program Head, Rnisarg Foundation
20.0	86	Kagadam: An initiative to create a Paper Recycling & Learning Centre within the school campus	Lata Ghanshamnani, Jhanvi Rai, Leena Kelshikar, Ambily Adithyan, Rnisarg Foundation, Thane
21.0	92	Screening and characterization of composting bacteria (city compost) from municipal solid waste disposal sites of Hyderabad.	
22.0	93	Screening of Production of Lipase producing bacteria from oil contaminated soil	
23.0	116	Simultaneous treatment of rice mill wastewater and value-added product Recovery using rice husk ash.	Arunava Chatterjee, Anuj Kumar, Uttarini Pathak, Tamal Manda. Durgapur , India
24.0	117	Development of N-P-K enriched bio-organic fertilizer along with plant growth promoting bacteria	Subhasish Majee, GopinathHaldar, RN Krishnaraj, TamalMandal National Institute of Technology, Durgapur
25.0	121	Pre-treatment methods of organic waste for Anaerobic Digestion in India: Current practices and reviews	Anaya Ghosh, Aditya Roy Choudhury, Awantika Prasad, , Jyoti Prakas Sarkar, Bimal Das Durgapur, India
26.0	127	Improvement of life service of the mechanical components using nanocomposite coatings	ParikshitMahato, Naresh Chandra Murmu, Priyabrata Banerjee CSIR-CMERI Durgapur
27.0	133	A new cost-effective technological concept to capture mercury of the flue gas from coal power plants with a brief review on its toxicity effects on health and current technologies to capture mercury	Dilip K De2 ; Uduakobong I Ikono1; Sandra O Akinmeji1 and Idowu Oduniyi3 1Covenant University, Ota, Ogun State, Nigeria 2Sustainable Green Power Technologies, Mansfield, Texas
28.0	134	A source of Bio-gas Generation and sustainable development in rural India	Avirup Sarker, 1bMijba UddinMolla, 2Shubham Dhar, Sujit Dhar The Neotia University, Kolkata.
29.0	135	Pharmaceutical waste management – a study	AnweshBhowmick, Sucharita Bhattacharyya Guru Nanak Institute of Pharmaceutical Science &

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			Technology (GNIPST) (under JIS Group) Sodepur, Panihati, Kolkata
30.0	137	<i>Design &amp; Fabrication Of Concentrated Of Solar-Geothermal Wastewater Treatment Apparatus</i>	S. D. Majumder <sup>1,*</sup> , S. Saha <sup>2</sup> , R. Baidya <sup>3</sup> <sup>1</sup> Institute of Engineering & Management, Kolkata, India
31.0	146	Preparation of Carbonate Rich Blackboard Chalk from Chicken Egg Shells	AbhishekSarkar and PanchananPuzari Tezpur University pancha@tezu.ernet.in
32.0	155	Water splitting using Gold Vanadium catalyst	Biraj Das, Mukeshsarma, Kusum K. Bania Tezpur University
33.0	156	PdO/CuO-Y/C Nanocomposite for Direct Methanol Fuel Cell and Nitro-arene Reduction	Mukesh Sharma, Biraj Das, Kusum K. Bania Tezpur University
34.0	157	Possibility of Waste Aluminium Can for Solar Air Heater Absorber Material through Thermal Performance Studies	Priyom Goswami <sup>1</sup> , Anindita Sharma <sup>1</sup> , Pooja Dutta <sup>1</sup> , Partha P. Dutta <sup>1</sup> Tezpur University, Napaam, Sonitpur
35.0	159	Agricultural waste management through organic cultivation of Ridge gourd (LuffaacutangulaRoxb.)	NaseemaRahman, DC Baruah, SampritiKakoti, DipomPatowary, DeepaBorboraPhukan, D Hazarika, KK Sarma and DJ Nath Tezpur University
36.0	161	Supercapacitor Energy Storage Devices in the Light of Waste Management: A Review	ArindamDutta, JiwajyotiMahanta Indian Institute of Technology ,Guwahati
37.0	164	Discovering newer bacteria for valorization of agrowaste and an eye for biotechnological applications	Jahangir Hussain, Dr. EeshanKalita Tezpur University
38.0	165	Design development and performance evaluation of Solar Thermal System	RahatMahaboob, Biraj Kumar Kakati Tezpur University
39.0	167	Uptake of Arsenic by diatoms: a potential method of waste water treatment	SangitaBaruah, Kalyan Kr Hazarika, Kali Prasad Sarma Darrang College, Tezpur University
40.0	168	Management of Bio-Medical Waste and Right to Health	MehnazAkhtar Ahmed Dibrugarh University
41.0	171	Co-Cr-HNT as an Efficient Electrocatalyst for Methanol Oxidation	Manash J. Baruah, Mukesh Sharma, Biraj Das and Kusum K. Bania* Tezpur University
42.0	175	Design and Development of a Hostel Wash Basin Waste Trap for Appropriate Food Solid Waste Management	TarkikDutta, Prasun Kumar Roy, Prem Shankar Kumar, ParthaPratimDutta, Bhabesh Nath, HreeshikeshDutta Tezpur University
43.0	176	Evaluation of Buffer Lime Requirement method without Hazardous Chemicals for acid soils of Upper Brahmaputra Valley Zone of Assam	LekhikaBorgohain, Danish Tamuly, K.N. Das Assam Agricultural University, Jorhat
44.0	178	Investigation on the Emission Characteristics of a Diesel Engine Fueled by Neat Biodiesels	BichitraBikash , MadhurjyaSaikia, Dilip Kumar Bora, KalyanKalita DibrugarhUniversity,Assam
45.0	181	Optimization and Characterization of Microcrystalline Cellulose extracted from Banana Cob	Julie Baruah, EeshanKalita Tezpur University ekalita@tezu.ernet.in

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46.0	184	Performance Analysis of a Solar Assisted Water Electrolyzer (SAWE)	NayanMoniBaishya, VikasVerma, Biraj Kumar Kakati Tezpur University
47.0	190	Use Of Naturally Occurring Gum In Soil Stabilization	IpsitaPanda;SaniPanda;NeerajAgarwal KIITUniversity,Bhubaneswar,Odisha,India,
48.0	191	Characterization And Stabilization Of Dredged Chilika Sand With Biopolymer	HarishankarJeevan Dash 1 , Sarat Kumar Das 2 , Suresh Prasad Singh 3 and AparupaPani, National Institute of Technology Rourkela, Rourkela
49.0	198	Challenges and opportunities of Incineration plants In India: An Overview	1 Sayantan Das, Dillip Kumar Bera, 2 KshyanapravaSamal KIIT DU, Bhubaneswar, Odisha, India
50.0	200	Oxidative degradation of Rhodamine B dye in water - comparison of UV and sunlight-assisted Fenton processes	MahjabeenAkram†, SampaChakrabarti* University of Calcutta
51.0	205	Waste Management: A Futuristic Sustainable Approach	Soutrik Bose, Vibhav, Aamin Rashid1 MCKV Institute of Engineering, Liluah, Howrah 711204, West Bengal, India
52.0	206	Development of an improved solid waste management technique for environmental sustainability by recycling and shredding	Soutrik Bose, Vaibhav Mishra, Ipsita Ghosal1 and ShubhamRanjan MCKV Institute of Engineering, Liluah, Howrah 711204
53.0	207	Fabrication and characteristics of nanofiltration composite Membranes using polyacrylonitrile and polyamide for Desalination	Coimbatore BhargaviRadhakrishnan, Dr.M. Thirumarimurugan Chemical Engineering Coimbatore Institute of Technology
54.0	208	Assessment of Water Quality by using Index Model for Mining Industry Waste Contaminated Water, Kerala	Sneha Gupta, TekedilZeenatHumisa, R.K. Srivastava, MMMUT Gorakhpur
55.0	209	Removal of Heavy Metals using Low cost Adsorbent	Pankaj Kumar, Dr Sneha Gupta, Asit Singh MMMUT, Gorakhpur, India
56.0	210	Emission and combustion characteristics of a Diesel engine fuelled with transestrifiedCalophyllumInophyllum oil	Anant G. Nagpure , W.S.Rathod , SupriyaBobade Veermata Jijabai Technological Institute, Mumbai, Indian Biodiesel Corporation, Baramati, Maharashtra, India
57.0	211	Performance Evaluation of Decentralized Wastewater System (DEWATS) In Semradevi Prasad at Gorakhpur	AshutoshShukla, ShubhamVerma, Pankaj Kumar, Asit Singh Madan Mohan Malaviya University of Technology, Gorakhpur
58.0	212	Waste management	DrSujitDhar- AvirupSarker Neotia Institute of Technology,Management & Science, Kolkata
59.0	213	Mathematical modelling on economic status of local People in sundarban, involved in shrimp supply chain	PayelGhosh, SudipKarmakar Raidighi College, Raidighi, South 24 PGS, India,
60.0	214	A Sustainable Solution towards E-waste Recycling	Jacky Shaw, Anuja Mukherjee Dibas Das IpsitaSaha

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			Guru Nanak Institute of Technology, Kolkata, India
61.0	216	Grey water management is a typical sustainable livelihood for low-income state, Jharkhand, India- A case study	Alok Kumar, Suresh Kumar, Saroja Kumar Barik Environment Specialist, Department of Drinking water and Sanitation, Govt.of Jharkhand Environment Specialist, JSPLS, Govt.of Jharkhand
62.0	219	Perception and Experience of Waste Collectors toward Street Dogs in Kathmandu, Nepal	A. Khanal Nepal Open University, Kathmandu, Nepal
63.0	220	Utilization of Resource in a Ferro alloy plant	AnanyaGhosh, Bipasa Das AnkitSaha Rajarshi Chakraborty Guru Nanak Institute of Technology, Kolkata, West Bengal
64.0	224	E-Waste Status in India: A Review	Avik Mukherjee, Tirthankar Mukherjee IEM, Kolkata, India
65.0	225	A Comparative Analysis of E-Waste Management Systems and Compliance to Basel Convention in Different Countries	MdSakibRahi, SubhasishBera, RajdeepBardhan, Rahul Baidya Institute of Engineering & Management, Kolkata, India - 700091
66.0	227	Effect of anionic surfactants on phototrophic organisms: A REVIEW	Manjari R 1,2, Seema Sukhani1 *, Chanakya HN1 * IISc, Bangalore, 2 -IIT Madras, Chennai, India
67.0	235	Environmental Education and Awareness is a logical tool for the Elimination of Poverty in India	M. Jaya Kumar Jacob AcharyaNagarjuna University, Nagarjuna Nagar, Guntur – 522 210. AP. India
68.0	243	INFLUENCE OF INDUSTRIAL WASTES ON GEOTECHNICAL CHARACTERISTICS OF EXPANSIVE SOIL	JagoriDutta KIIT University, Bhubaneswar
69.0	244	Assessment of Pharmaceutical Waste Treatments: A Review	SuryadiptaSanyal 1 , Tirthankar Mukherjee* Department of Pharmacy, NSHM, Kolkata, India
70.0	248	Future refrigeration and air-conditioning system using dry ice that can be abundantly available with a novel emission capture technology	Dilip K. Dea!., and IdowuOduniyib Sustainable Green Power Technologies, Mansfield, Texas 76063, USA.
71.0	251	Design of multipurpose, waste & air treatment system	Ramesh Kumar Karthick1*, Nikunj Verma1, Nitin Ujjwal1, Saddam Hossain Mullick2 IEM Kolkata
72.0	254	Decentralized Waste Composter for Indian Kitchen Waste	Niraj Kumar1*, Meghna Saha1, Nishant1, Prem Shankar2, Rahul Baidya3 Institute of Engineering & Management, Kolkata
73.0	257	Comparison of Linear and Nonlinear Regression Methods for Equilibrium Modelling of Ammonia adsorption by Error Analysis Criteria using cost effective waste camellia sinensis	RajdeepMullicka, BaisaliRajbansib* University of Calcutta, Kolkata
74.0	262	Enhanced antibacterial effect of activated carbon prepared From ligno-cellulosic biomass available in north east india	HarjeetNath a* , ChandraniDebnath b , Joydeep Das c , RishabhSaxena d , BiswajitSarkar Tripura University (A Central University), Agartala-799022, India
75.0	264	E- Waste Management	Dr Harish Kumar Agre, Mdjalal , V



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			sireeshaMuzaffar, saba Symbosisi skills open university pune, <i>India</i>
76.0	266	Effect of algae biomass production of <i>Euglena sanguinea</i> using different types of containers on Laboratory scale	NabamHinaPapu, Awinashkumar, MoichingSajit Ahmed, Pradiplingfa North Eastern Regional Institute of Science and Technology, Arunachal Pradesh, <i>India</i>
77.0	267	Waste Cleaning System For Water Bodies And Drain	SubhamSourav, Sauravkumar ,Sarjeel Samar, Varun Kumar, Rahul Baidya Institute of Engineering & Management, Kolkata
78.0	272	Prevention Of Environmental Pollution Through Waste Management	Dr.P.ThavithaThulasi AssistantProfessor
79.0	273	Spatial distribution of physical and chemical properties of soil parameters nandigam around mandal region, srikakulam district, ap a gis approach.	<i>Y.Padmini1, P.JagadeeswaraRao2 and B.Sridhar3</i> <i>College of Science,Dr.B.R.Ambedkar University, Srikakulam-532410</i>
80.0	274	Spatial distribution of groundwater quality parameters nandigamaround mandal region, Srikakulam district, AP A gis approach.	<i>B.Sridhar1, P.JagadeeswaraRao2and Y.Padmini3</i> <i>Andhra University, Visakhapatnam-530003</i>
81.0	275	Green House Effect by investigating of an Internal Combustion Engine (I C Engine) using Argemone Mexicana (waste plant) biodiesel blends	<i>A. K. Rout1, M. K. Parida2 and Mamuni Arya3</i> <i>KIIT Deemed to be University, Bhubaneswar-Odisha, India</i>
82.0	276	Effect of slag addition on compressive strength and microstructural features of fly ash based geopolymer	<i>Dipankar Das, Alok Prasad Das, Prasanta Kumar Rout</i> <i>Tripura University (A Central University),</i>
83.0	282	Paper Based Sensor For The Determination Of Ruthenium(Iii) In Ground Water With The Help Of A Smart Phone	<i>B.Vinu1, G.Swathi1,</i> <i>B.S.A.Andrews2,K.M.M.Krishna Prasad3</i>
84.0	285	Recovery of Tungsten Values from the Gold Mine Waste	<i>Surya Kanta Das, Shivakumar I. Angadi and S. Basu</i> <i>CSIR- Institute of Minerals and Materials Technology, Bhubaneswar, 751013</i>
85.0	293	Relative adsorption behaviour of cr (vi) Against pure clays and natural soils	Padmavathi bandaru, anima s. Dadhich * , b. Vinay sagar, ch. Durga prasad Visakhapatnam, Andhra Pradesh,
86.0	295	Study of Occupational and Environmental Health: Considering a Cohort Study on Waste Hair Reprocessing Workers	Kousik kr. Mondal1, Shuvam Banerjee1, Shrinjana Dhar1, Sandip Bhattacharjee2 and Pritha Bhattacharjee1 University of Calcutta; West Bengal, <i>India</i>
87.0	299	Evaluation Of The Effect Of Anolyte Recirculation And Anolyte Ph On The Performance Of A Microbial Fuel Cell Employing Ceramic Separator	<i>S Bagchi1*, M.Behera2</i> <i>IIT Bhubaneswar, Odisha, India,</i>
88.0	301	Investigation On Strength Factor Of Composite Concrete Using Quarry Dust And	P. Sudheer <sup>1</sup> , G. Praveen <sup>2</sup> <i>MVGR College of engineering (Autonomous),</i>

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		Artificial Aggregates	<i>Vizianagaram</i>
89.0	307	Durability Properties of Geopolymer Concrete Utilizing Waste as Binder	<i>AnkitaSikder and PurnachandraSaha KIIT Deemed to be University, Bhubaneswar, Odisha, India</i>
90.0	315	Sustainable Waste Management towards Circular Economy	
91.0	323	USE OF FLYASH AND LIME FOR ATTIANEMENT OF CNS PROPERTIES IN A SWELLING SOIL	<i>K. V. N. LaxmaNaik, Research Scholar, Sri Venkateswara University College of Engineering, Tirupati, India</i>
92.0	324	Synthesis of dye sensitized monometallic-TiO <sub>2</sub> photocatalyst and phenol degradation	<i>Amit Kumar Behera * Veer SurendraSai University of Technology, Burla Odisha, INDIA</i>
93.0	328	Kinetics of the Adsorption and Photodegradation of Crystal Violet and Methylene blue from Wastewater using Titanate nanotube	<i>Saismrutiranjana Mohanty<sup>1</sup>, Shwendu Singha<sup>1</sup>, Sanjib Moulick<sup>2</sup>, Sanjoy Kumar Maji<sup>1</sup> KIIT Deemed to be University, Odisha, Bhubaneswar-751024, India,</i>
94.0	330	Utilization Of Geo Waste In Production Of Geo Fibre Papercrete Bricks	<i>AreejPalekar, SurajPatil, Dr. Uma Kale Dept. Of Civil Engineering, M.H.SabooSiddik College of Engineering, Byculla, Mumbai.</i>
95.0	350	Achieving Sustainability through Lean Manufacturing: A Critical Review	<i>Aneesh Kuruvilla<sup>1</sup>, Biswajit Mohapatra<sup>2</sup>, Aishwarya Dash<sup>3</sup>, Sushanta Tripathy<sup>4</sup>* KIIT Deemed to be University, Bhubaneswar, Odisha</i>
96.0	351	STUDY ON IDENTIFYING THE FACTORS INFLUENCING GREEN COSMETIC PRODUCTS	<i>Akankshya Patnaik<sup>1</sup>*, Aishwarya Dash<sup>2</sup>, Sushanta Tripathy<sup>3</sup> 1-Dr. Akankshya Patnaik *, National Institute of Science &amp; Technology, Berhampur, Odisha, India</i>
97.0	360	Investigation of Photocatalytic Degradation of Xylenol Orange dye by Using Nano-Sized CeO <sub>2</sub> and CeO <sub>2</sub> -TiO <sub>2</sub> Catalysts	<i>Sirish R. Panda<sup>1</sup>, Barsharani Priyadarshini<sup>1</sup>, Suraj Tripathy<sup>2</sup>, SanjibMoulick<sup>3</sup>, Tapas Ranjan Sahoo<sup>1</sup>* KIIT deemed to be University, Bhubaneswar Odisha, India</i>
98.0	361	An efficient and comparative adsorption of Congo Red and Trypan Blue dyes on MgO nanoparticles: Kinetics, Thermodynamics and Isotherm Studies	<i>Barsharani Priyadarshini<sup>1</sup>, Tanaswini Patra<sup>1</sup>, Pankaj K. Parhi<sup>2</sup>, Sanjib Moulick<sup>3</sup>, Tapas Ranjan Sahoo<sup>1</sup>* KIIT deemed to be University, Bhubaneswar 24, Odisha, India</i>
99.0	362	Synthesis of TiO <sub>2</sub> using CalotropisGigantea for Visible light Excitation and Degradation of pollutants	<i>V Prashanth<sup>1</sup>, NeelancherryRemya<sup>1,*</sup> Indian Institute of Technology Bhubaneswar, Argul, Odisha, India</i>
100.0	365	A short review on Constructed Wetlands for effluent treatment	<i>Indrashis Saha<sup>1</sup>, Khushbu.K.Birawat<sup>2,*</sup> 1.Independent Researcher, Kolkata, India</i>
101.0	373	Biosorption of Ni <sup>+2</sup> byNi <sup>+2</sup> resistant Saccharomyces cerevisiae in presence of some natural nutrients	<i>Jayeeta Banerjee,<sup>1</sup>Ranjan Kumar Basu, Sudip Kumar Das*, Ajit Kumar Banik University of Calcutta</i>
102.0	376	Thermal Performance of an Improved Smokeless Industrial Biomass Stove	<i>S.K.Sharma Energy Research Centre, P.U. Chandigarh, India,</i>
103.0	379	An study on tensile strength and modulus	<i>Damodhara Reddy Budda<sup>1</sup>, Kiran Kumar</i>

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		properties of concrete using industrial waste vermiculite & granite-fines	Narasimhan <sup>2</sup> and Aruna Jyothy S <sup>3</sup> , C. Sasidhar <sup>4</sup> S.V. College of Engineering & Technology, Chittoor, Andhra Pradesh-517127, India,
104.0	382	IMPROVEMENT OF PROPERTIES OF AN EXPANSIVE SOIL WITH INDUCTION OF BACTERIA	*Suresh Gunji <sup>1</sup> , Ch. Sudha Rani <sup>1</sup> , Yugandhar Gundlapalli <sup>1</sup> , Jayakumar Kannali <sup>2</sup> , Basha Sreenivasulu <sup>2</sup> Sri Venkateswara University, Tirupati-517 502, A.P
105.0	391	Awareness of Cervical Cancer among Rural population	1Nagarjuna Sivaraj, 2NVK Reddy, 3Hari Lakshmi Chikkala and 4K. Vijaya Rachel * GITAM Deemed to be University, Visakhapatnam.
106.0	396	BIOGAS FED SOLID OXIDE FUEL CELLS FOR RURAL ELECTRIFICATION	Kamalimeera <sup>n 1</sup> , aarthi pooja <sup>m 1</sup> , priyadharshini <sup>s 1</sup> , anitha <sup>s</sup> , V.kirubakaran <sup>2</sup> Centre for Rural Energy, The Gandhigram Rural Institute – Deemed to be University Gandhigram, Tamil Nadu
107.0	399	Feasibility Study Of Production Of Bioethanol For Beta Vulgaris For Replacing Fossil Fuel	Prasannakumaran K M <sup>1</sup> , Sanjay Kumar C <sup>1</sup> , Karthikeyan M <sup>1</sup> , Premkumar D <sup>1</sup> ; V.Kirubakaran The Gandhigram Rural Institute – Deemed to be University Gandhigram, Tamilnadu -624 302
108.0	400	Study on Improvement of Strength in Weak Soil using Rice Husk	Dudam Bharath Kumar, IIT Kharagpur, West Bengal-721302,
109.0	402	Enhanced anti-bacterial effect of activated carbon prepared from ligno-cellulosic biomass available in North-East India	Harjeet Nath <sup>1*</sup> , Chandrani Debnath <sup>1</sup> , Joydeep Das <sup>1</sup> , Rishabh Saxena <sup>2</sup> , Biswajit Sarkar <sup>1</sup> Tripura University (A Central University), Agartala-799022, India
110.0	403	Economic conditions of the fishing villages Vs fish governance in the state of Andhra Pradesh	M. JAYA KUMAR JACOB a P. BRAHMAJI RAO Acharya Nagarjuna University, Nagarjuna Nagar, GUNTUR – 522 510. A. P.
111.0	406	A Review on Biodegradable Packaging Materials in Extending the Shelf Life and Quality of Fresh Fruits and Vegetables	Ramesh M a, Narendra. G a, Sasikanth. S b Jawaharlal Nehru Technological University, Kakinada, Andhrapradesh, India
112.0	412	Mechanical Properties and Chloride Content on Self Compacting Concrete Exposed To Sea Water	Biswajit Jena, Kirti Kanta Sahoo <sup>2</sup> DRIEMS (Auto.), Cuttack-753004, Odisha, India
113.0	415	Technology options for sustainable management of Hazardous wastes from refinery and petrochemical Industries	Dr Tapas Kumar Bandyopadhyay, FIE Environmental Expert Boom Waste Treatment Company, State of Qatar
114.0	418	Prevalence and Risk Factors for Drug Resistance in Patients with Lower Respiratory Infections in Healthcare Associated Infection- A Single Centre Study from Eastern India.	Dr C Mohan Rao <sup>1</sup> , Dr Saswat Subhankar <sup>2</sup> , Dr Sujit Kumar Pradhan <sup>3</sup> , Prof Debee Prasad Dash, KIIT deemed-to-be University, Bhubaneswar.
115.0	419	Clinico-microbiological profile and antibiotic sensitivity pattern in Patients of diabetic foot ulcers: study from a tertiary care centre	Dr Pradip Kumar Behera <sup>1</sup> , Dr Krishna Padarabinda Tripathy <sup>2</sup> , Dr Sudhansu Sekhar Panda <sup>3</sup> , Dr Monica Karan <sup>4</sup> , Dr Debasis Pathi KIIT University, Patia, Bhubaneswar
116.0	429	Effectiveness of planned teaching program on	Purnimasahoo <sup>1</sup> , Niyati Das <sup>2</sup> , S. Bhaktiswarupa <sup>3</sup>



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Sl. No.	Abs. Code (A)	Title of the paper	Authors Details
		Knowledge regarding menstrual hygiene, use of Sanitary pads and its disposal management among The adolescent girls in a selected school ,bbsr,odisha.	Bhubaneswar ,Odisha, India
117.0	431	Feasible Base And sub-Base For Low Volume Traffic	S. Sahoo 1* , S.S. Mohapatra , B. Jena 3 CUTM, BBSR, Odisha , India ,
118.0	432	“Effectiveness of Sensory Stimulation on Level of Consciousness among Traumatic Brain Injury patients admitted at selected tertiary care hospital, Bhubaneswar, Odisha – A Randomized Controlled Clinical Trial.”	1Pragyanshree Nanda, 2Amarita Lenka, 3Asokan.R*, 4N.K. Das Kalinga Institute of Nursing Sciences, Dept. of Medical Surgical, Bhubaneswar, Odisha.
119.0	445	Spontaneous Pyogenic Arthritis Due To An Environmental Opportunistic Pathogen	Dr Krishna Padarabinda Tripathy <sup>1</sup> , DrPradip Kumar Behera <sup>2</sup> , DrSudhansuSekhar Panda <sup>3</sup> , DrDebasis Pathi <sup>4</sup> , DrMonica Karan <sup>5</sup> Odisha, India
120.0	446	Development of value added products from different waste materials	Pawan Kumar Bharti*, R.K. Singh, A. K. Tyagi, P.K. Kaicker R; D Division, Shriram Institute for Industrial Research, 19, University Road, Delhi-110 007, India
121.0	447	Effect of soil enzymes cellulase and amylase activity in response to the application of triazophos – an insecticide	P.Suvarnalatha Devi*, B.Lakshmikalyani, T.Madhuri and V.Indrani Sri PadmavatiMahilaVisvavidyalayam (Women’s University), Tirupati-517502, Andhra Pradesh, India.
122.0	450	Medicalization And Pharmaceuticalization- A Recent Concern	Dr.KunalJha, Reader, Department of Public Health Dentistry, Kalinga Institute Of Dental Sciences, KIIT University, BBSR – 751024
123.0	452	Knowledge & practice regarding maintenance of perineal hygiene& disposal of sanitary napkin among post natal mothers in a selected community- a descriptive study	Aparna Moharana (Msc Tutor, KINS), Mrs Kalyani Rath (Assoc. Prof, KINS)
124.0	506	Effect of complex nutrients on Nickel (II) biosorption from aqueous solution by Ni <sup>2+</sup> resistant <i>Saccharomyces cerevisiae</i> RA100.	Jayeeta Banerjee,1Ranjan Kumar Basu,Sudip Kumar Das*, Ajit Kumar Bani. Kolkata , India
125.0	507	Cryogenic capture of industrial emissions for clean energy-environment!	Dilip K. Dea! and IdowuOduniyib Nigeria
126.0	508	A comparative study on degradation of PPCPS in water samples,	Shilpa Bose and Ruchira Mukherjee. Ranchi, India
127.0	508	Private Sector Participation in the integrated management of FSTP and Cesspool trucks: A case study of Dhenkanal Municipality, Odisha, India	Hrudananda Mohanty Odisha, India
128.0	509	Gate to Gate life cycle assessment of hydrothermal carbonization process for food waste and yard waste	Sai Krishna Venna1, Hari Bhakta Sharma2, Sagarika Panigrahi3, Brajesh Kumar Dubey4, *, Hariprasad Reddy5 * National Institute of Technology warangal, City, Warangal,

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Sl. No.	Abs. Code (A)	Title of the paper	Authors Details
129.0	510	Design of a Green Stormwater Control Infrastructure (GSI) using bioretention in Thiruvananthapuram museum botanical garden	S. S. Pillai*, S. Raju, J. Jose, R. T. Parambil and I. M. S. Pillai, Thangal Kunju Musaliar College of Engineering, Kollam, Kerala, 691005, India.
130.0	511	Properties of concrete at elevated temperature using waste hdpe as fibre and copper slag as mineral admixture N. Anand1, srinjoy roy1, p. Sankar ganesh1; Hyderabad, india	Marabathina Maheswara Rao1*, Sanjaya Kumar Patro2 Veer Surendra sai University of Technology, Burla, odisha, India,
131.0	512	Runoff modelling for the watershed using hydrological model swat	
132.0	513	A structural model of attitude towards waste prevention behaviour by using driver such as recycling behaviour, affective evaluation, personal norms and environmental awareness	Suman Mondal1,*, Sudeshna Roy2, Nipu Modak3 Jalpaiguri Govt Engineering College, Jalpaiguri
133.0	514	Antecedents of waste reducing and recycling behaviour: An Integrated Model	S. Annamdevula1, *, S. S. Nudurupati2 and R. P. Institute of Management, GITAM (Deemed to be University), Visakhapatnam, India,
134.0	515	Phytoremediation potential of Weedy plants in and around Municipal Dump Yard	R. Garuda1, G. Daka2, Raja P Pappu3, and S. Namuduri 4, * Khetri Copper Complex, Hindustan Copper Ltd, Rajasthan.
135.0	516	Processing food waste into compost pellets with extended shelf-life	N. Srinivas1, *, Raja P Pappu2, A. Ram Sailesh3, K. Suresh Kumar4 and Sai S Nudurupati5 GITAM (Deemed to be University), Visakhapatnam,
136.0	517	A Context Review on Solid Waste Management in Kabul	Hamidullah Nikzad Afghanistan
137.0	518	A Cloud Based Framework for Efficient Collection and Monitoring of E-Waste in India	Biswajit Debnath1,2, WB, India
138.0	519	Health Hazards and Environmental Impacts of e-Waste- An Overview	D. Bharathi AP, India
139.0	520	Microfiber pollution: Challenges and Management	Sunanda Mishra1, Prasant Kumar Rout2 and Alok Prasad Das WB, India
140.0	521	Waste Management of Polymer Composite Materials	Himanshu Sekhar Panda 1 and Sanjib Moulick Odisha, India
141.0	522	Upward Enhanced Electrokinetic Remediation (UEEKR) for real contaminated sediments with heavy metals	Ayyanar Arulpoomalai* ,T Shashidhar <i>Indian Institute of Technology Hyderabad, India</i>
142.0	523	Biomass as an alternate source of renewable energy for a sustainable future	D. Bharathi, A. Suvarna Latha, K.S. Shanthi Sree, K. Nagalakshamma AP, India