

ANVESHAN-2019

Association of Indian Universities East Zone Anveshan: Student Research Convention

February 18-19, 2019

Hosted by

Central University of Jharkhand, Ranchi
Programme Schedule

Venue: Room No, (DWEM)

System Analyst
pl- upload in
website

Day 1: February 18, (Monday)			
9:00-10:00 am		Participants check-in and Registration	
Session 1 – Social Sciences, Humanities, Commerce and Law			
Session Co Chair: Dr. Ratnesh Kumar, Head, Department of Hindi, CUJ			
Sl. No.	Duration	Title of the paper	Name of presenter
1.	10:00 - 10:20 am	Geo-Spatial study and focus group discussion on Human intervention and forest depletion on vis-à-vis improve livelihood of forest dwellers and neighbors for sustainable environment conservation. A case study from Alipurduar district, W.B.	Arijit Ghosh Meelan Chamling Supriya Ghosh
2.	10:20 - 10:40 am	Prediction and monitoring of agriculture drought in Purulia district, West Bengal.	Somnath Mandal Subrata Halder
3.	10:40 - 11:00 am	The role of music preference on substance use behaviour and mood	Nchumbeni Y Jungio
High Tea (11:00-11:45 am)			
Session 2 – Basic Sciences			
Session Co Chair: Prof. S. Medhekar, Head, Department of Physics, CUJ.			
Sl. No.	Duration	Title of the paper	Name of presenter
1.	11.45 -12.05 pm	Study of Immunopathology Mechanisms active doping induced mouse psoriasis and possible drug intervention using novel phytoderived compound :Ampolopsin:	Anik Parmanik Debanjan Sarkar
2.	12.05 – 12:25 pm	Fabrication of cost effective filter candle using synthesized nano particles. An adaptable route for removal fluoride from Drinking Water	Arnab Mukherjee
3.	12:25 – 12:45 pm	Engineering the performance of Zno based hetrojunction nano composite for photocatalytic fuel cells applications	Abinash Dash Manoj Hazarika

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4.	12:45 – 1:05 pm	Identification, characterisation and removal of coliform bacteria from potable water through Some Herbal agents.	Purna Sharma
5.	1:05 – 1:25 pm	Natural plant resin gum acacia based multifunctional device for metal detection and remediation: "From the nature, for the nature"	Souravi Bardhan Subham Roy Shilpa Maity
LUNCH (1.25 – 2.25 pm)			
6.	2:25 – 2:45 pm	Green House Monitoring and controlling system using arduino with solar power supply.	Seeram rebika devi Sukanta Choudhury
7.	2:45-3.05 pm	Bio stimulation in Biological waste treatment	Shrutika shrabarna kataby Syeda Tamanna Yashmin
8.	3.05-3.25 pm	Mycoremediation of heavy metals present in soil with the help of Mushrooms.	Manisha Shalini Besera
4:00-5:00 pm		Inaugural Program	
		Lightening of lamps	Moderator: Pratibha Warwade
4:10-4:15 pm	Welcome Address	Dr. Ajai Singh Zonal Coordinator Central University of Jharkhand	
4:15-4:25 pm	About University	Prof. S. L. Hari Kumar, Registrar, Central University of Jharkhand	
4:25 -4:35 pm	About Anveshan 2019	Dr. Amarendra Pani Joint Director and Head Research All India University Association, New Delhi	
4:35 -4:45 pm	Address by Chief Guest	Prof. Shailendra Singh Director, IIM, Ranchi	
4:45 -4:55 pm	Inaugural Address	Prof. Nand Kumar Yadav 'Indu' Vice Chancellor, Central University of Jharkhand	
	Vote of Thanks	Dr. Subhas Chandra Yadav Member – Anveshan 2019 Central University of Jharkhand	
Group photo and High Tea			

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Day 2: February 19, 2019 (Tuesday)			
Session 3 – Engineering & Technology			
Session Co chair: Prof. S. K. Samdarshi, Head, Department of energy Engineering, CUJ.			
Sl. No.	Duration	Title of the paper	Name of presenter
1.	10:00 – 10:15 am	A probabilistic framework for prognosis of RC bridges using real time data.	Sandeep Das Nevendu Nimare Md Robiul Karim
2.	10:15 – 10:30 am	Design of bio-potential amplifier for seizure detection	Swagata Devi
3.	10:30 – 10:45 am	Design and development of Mobile intravenous DRIPS	Ayush Singh Sidda Lal Dayal Saran
4.	10:45 – 11:00 am	AGROVER: Farm Your way into the future	Shoureen Deb Akansha Rai
High Tea (11:00-11:30 am)			
5.	11:30 – 11:45 am	Athletic motion analysis using IoT based knee wearable consisting an array of gyroscopes and accelerometers	Utkarsh Bhatt
6.	11:45 – 12:00 noon	Qualitative Assessment of Health beneficial agro products based on molecularity imprinted polymer based sensors	Debangana Das
7.	12:00-12:15 pm	A new biomedicine from yellow mustard seeds for curing type - 2 diabetes	Deepsikha Tamili
8.	12:15-12:30 pm	Athletic motion analysis using IoT based knee wearable consisting an array of gyroscopes and accelerometer	Aryan Singh Utkarsha singh
9.	12:30-12:45 pm	Qualitative assessment of health beneficial agro products based on molecularity imprinted polymer sensox	Bernali Ghatak
10.	12:45-1:00 pm	A new biomedicine from yellow mustard seeds for curing type II diabetes	Soumi Chakroborty
Lunch Break (1.00 – 2.00 pm)			
11.	2:00-2.15 pm	Model reclamation plan of abandoned mine to solve problems of the locality	Suchi Priyadarshini
12.	2:15-2:30 pm	Cow Dung Battery	Rishav Saha Choudhury
13.	2:30-2:45 pm	Rescue Device for Bore well Accidents	Priyanuj Mahanta Sourav Sonowal Abhishek Khonia
14.	2:45-3:00 pm	Design of bio-potential amplifier for seizure detection	Swagata Devi Yogesh Shukla Sonali Verma
15.	3:00-3.15 pm	A hybrid OFDM-ROF transport system based on wireless as well as free space communication using external modulation and POLMUX techniques.	Poulomi Mondal Khallula Mallick

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Valedictory		
3:00-3:10 pm	Dr. Ajai Singh Zonal Coordinator Central University of Jharkhand	Briefing about the Anveshan
3:10-3:20 pm	Dr. Dey DSW Jadavpur University	Address
3:20-3:30 pm	Dr. Amarendra Pani Joint Director and Head Research All India University Association, New Delhi	Certificate Distribution
3:30-3:40 pm	Prof. Nand Kumar Yadav 'Indu' Vice-Chancellor, CUJ	Address by Chairperson
3:40-3:50 pm	Dr. Pratibha Warwade, CWEM	Vote of Thanks
National Anthem		