



UNIVERSITY GRANTS COMMISSION
HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)
RANCHI UNIVERSITY, RANCHI
(2022-2023 ONLINE COURSES)



UGC-SPONSORED
INTER/MULTI-DISCIPLINARY REFRESHER COURSE IN
ENVIRONMENTAL SCIENCE AND ECOLOGY

This is to certify that

Dr. PRASANTA DAS

Assistant Professor, Department of Mathematics
Ramananda College, Bishnupur, Bankura
Bankura University, Bankura, West Bengal

Participated in the Inter/Multi-disciplinary Refresher Course in
Environmental Science and Ecology
from 13/09/2022 to 26/09/2022
and obtained Grade - A

(DIRECTOR)

(COURSE CO-ORDINATOR)

(VICE-CHANCELLOR)



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This is to certify that

Dr. BHASKAR CHANDRA SARKAR

Assistant Professor, Department of Mathematics
Ramananda College, Bishnupur, Bankura
Bankura University, Bankura, West Bengal

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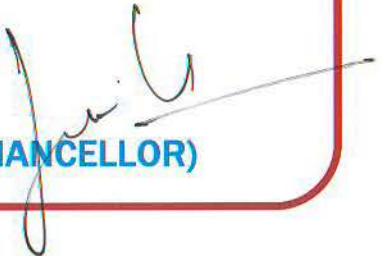
Mr. RAJESH KUMAR GUIN

Assistant Professor, Department of Geography
Ramananda College, Bishnupur, Bankura
Bankura University, Bankura, West Bengal

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This is to certify that

Dr. KALYAN SENAPATI

Assistant Professor, Department of Chemistry

Mahatma Gandhi College, Lalpur, Purulia

Sidho-Kanho-Birsha University, Purulia, West Bengal

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This is to certify that

Mr. SUSANTA MALLICK

Assistant Professor, Department of Zoology

Mahatma Gandhi College, Lalpur, Purulia

Sidho-Kanho-Birsha University, Ranchi Road, Purulia

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Dr. DIYALI CHATTARAJ

Assistant Professor, Department of Geography
Naba Barrackpur Prafulla Chandra Mahavidyalaya, New Barrackpore
West Bengal State University, Barasat, West Bengal

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This is to certify that

Mr. ASHISH KAUSHIK

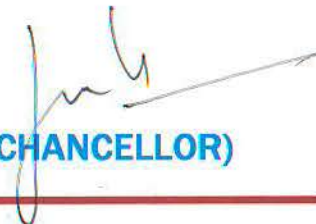
Assistant Professor, Department of Commerce
Government College Silphili, Dist.- Surajpur

Sant Gahira Guru Vishwavidyalaya, Sarguja, Ambikapur, C.G.

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Dr. BRIJENDRA KUMAR TRIPATHI

Assistant Professor, Department of Philosophy
Shri Krishna Mahila Mahavidyalaya, Begusarai
Lalit Narayan Mithila University, Darbhanga

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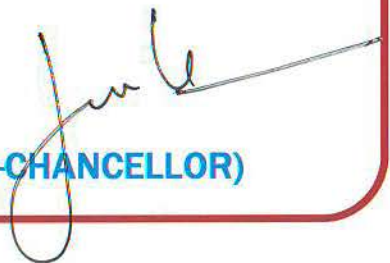
Dr. DURGA TAMSOY

Assistant Professor, Department of Psychology
Jamshedpur Co-Operative College, Jamshedpur
Kolhan University, Chaibasa

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Mr. KAMRUDDIN MIYAN

Assistant Professor, Department of English

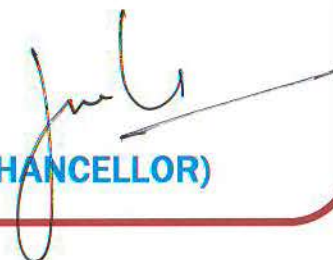
R.S.P. College Jharia, Dhanbad

B.B.M.K. University, Dhanbad

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Mrs. SHALINI SHANTA KUJUR

Assistant Professor, Department of Botany
Government College, Silphili, Dist. Surajpur

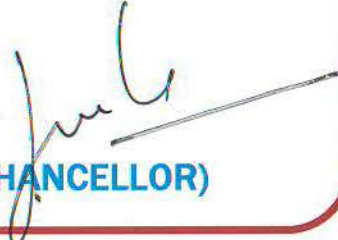
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Mr. SUBRATA DAS

Assistant Professor, Department of Philosophy
Ramananda Centenary College, Vill+P.O.- Laulara, Dist- Purulia
Sidho- Kanho- Birsha University, Purulia, West Bengal.

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Mr. Md. SAJJAD

Assistant Professor, Department of Chemistry
Ghatsila College, Ghatsila
Kolhan University, Chaibasa, Jharkhand

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Dr. BASANT SHUBHANKAR

Assistant Professor

University Department of Chemistry

Kolhan University, Chaibasa, Jharkhand

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Mrs. KUHeli PRAMANIK

Assistant Professor, Department of Chemistry
Kharagpur College
Vidyasagar University

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Dr. SANTANU CHOWDHURY

Assistant Professor, Department of Environmental Science
Asutosh College
University of Calcutta

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Mrs. MUNMUN HAIT

Assistant Professor, Department of Geography
Ghatal Rabindra Satabarsiki Mahavidyalaya, Ghatal
Vidyasagar University, West Bengal

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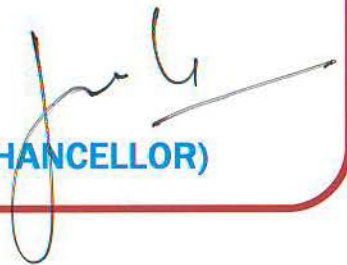
Dr. PRAKASH B. HOLER

Assistant Professor, Head, Department of Geography
Shri Kumareshwar Arts and Commerce College, Hangal
Karnatak University, Dharwad

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Dr. SHYAM SUNDER PRASAD

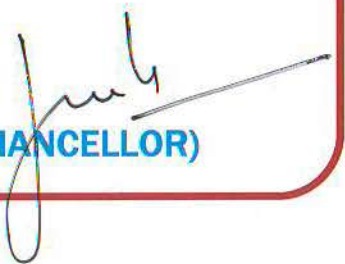
Assistant Professor, Department of Hindi
Katras College, Katrasgarh

Binod Bihari Mahto Koylanchal University, Dhanbad

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Dr. SUBRATA DUARY

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Kashipur M. M. Mahavidyalaya

Sidhu Kanhu Birsha University, Purulia, West Bengal

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Dr. GOPAL HALDER

Assistant Professor, Department of Botany
Vikram Deb Auto College, Jeypore
Berhampur University

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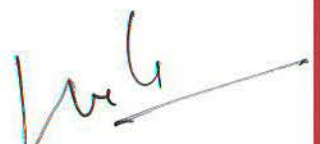
Mrs. SHILPI RAI

Assistant Professor, Department of Geology
Government Degree College, Mangraura, Pratapgarh
Prof. Rajendra Singh University, Prayagraj

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Dr. SUJAY SAIN

Assistant Professor, Department of Sociology
Chhatna Chandidas Mahavidyalaya, Chhatna, Bankura
Bankura University

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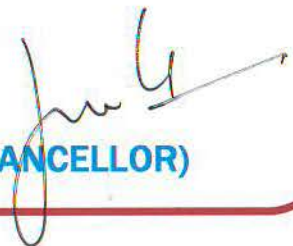
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Gopeshwar College, Hathwa, Gopalganj
Jai Prakash University, Chapara

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Dr. SEEMA PANDEY

Assistant Professor, Department of Sociology
Govt Degree College, Khari (Tehri Garhwal)
Sridev Suman University, Uttarakhand

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Assistant Professor, Department of Mathematics
Egra S.S.B. College, Purba Medinipur
Vidyasagar University, Midnapore, W.B.

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Dr. SUDHIR KUMAR SRIVASTAVA

Assistant Professor, Department of Zoology

C.H.C. Arts, S.G.P. Commerce & B.B.J.P. Science College, Taloda Dist: Nandurbar

KBC North Maharashtra University, Jalgaon, Maharashtra

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Assistant Professor, Department of English
Vikram Dev Autonomous, Jeypore
Berham University, Berhampur, Odisha

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Assistant Professor, Department of Geology
Rajeev Gandhi Govt. P.G. College, Ambikapur

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INTER/MULTI-DISCIPLINARY REFRESHER COURSE IN
ENVIRONMENTAL SCIENCE AND ECOLOGY

This is to certify that

Dr. SURESH KUMAR SAMAD

Assistant Professor

University Department of Geology

Ranchi University, Ranchi, Jharkhand

Participated in the Inter/Multi-disciplinary Refresher Course in

Environmental Science and Ecology

from 13/09/2022 to 26/09/2022

and obtained Grade - A

(DIRECTOR)

(COURSE CO-ORDINATOR)

(VICE-CHANCELLOR)



UNIVERSITY GRANTS COMMISSION
HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)
RANCHI UNIVERSITY, RANCHI
(2022-2023 ONLINE COURSES)



UGC-SPONSORED
INTER/MULTI-DISCIPLINARY REFRESHER COURSE IN
ENVIRONMENTAL SCIENCE AND ECOLOGY

This is to certify that

Mrs. NEELU PRIYA TIRKEY

Assistant Professor

University Department of Geology

Ranchi University, Ranchi, Jharkhand

Participated in the Inter/Multi-disciplinary Refresher Course in

Environmental Science and Ecology

from 13/09/2022 to 26/09/2022

and obtained Grade - A


(DIRECTOR)


(COURSE CO-ORDINATOR)


(VICE-CHANCELLOR)



ज्ञान-विज्ञान विमुक्तये

UNIVERSITY GRANTS COMMISSION
HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)
RANCHI UNIVERSITY, RANCHI



(2022-2023 ONLINE COURSES)

This is to certify that **Dr. Ajay Kr Srivastava**, Department of Zoology St. Xavier's College, Ranchi delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from **13.09.2022 to 26.09.2022** as per UGC guidelines.

Topic	Date	Time
Interlinking of Indian river Part -1	15/09/2022	03:45 pm to 05:15 pm
Interlinking of Indian River Part -2	16/09/2022	02:00 pm to 03:30 pm

His/her services were appreciated by the participants.

S.K. Sahu
20/12/22

Prof. (Dr.) S.K. Sahu
Director



UNIVERSITY GRANTS COMMISSION
HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)
RANCHI UNIVERSITY, RANCHI




(2022-2023 ONLINE COURSES)

This is to certify that **Dr. Anjali Smita**, Department of Zoology, Nirmal College, Ranchi delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Gender equities & Environment out look	15/09/2022	12:00 noon to 01:30 pm

His/her services were appreciated by the participants.


20/09/2022
Prof. (Dr.) S.K. Sahu
Director



UNIVERSITY GRANTS COMMISSION
HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)
RANCHI UNIVERSITY, RANCHI



(2022-2023 ONLINE COURSES)

This is to certify that **Dr. Ashok Nimish**, Dept of Contemporary & Tribal customary law, LLM Human Rights, Central University Ranchi, Jharkhand delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Environmental Jurisprudence: India & the world	24/09/2022	02:00 pm to 03:30 pm

His/her services were appreciated by the participants.


Prof. (Dr.) S.K. Sahu
Director



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(2022-2023 ONLINE COURSES)

This is to certify that **Dr. Bikash Das**, ICAR, RCER, Forming System Research Center for Hill Plateau, Ranchi delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Participatory development of integrated	20/09/2022	02:00 pm to 03:30 pm

His/her services were appreciated by the participants.

S.K. Sahu
20/12/2022

Prof. (Dr.) S.K. Sahu
Director



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RANCHI UNIVERSITY, RANCHI



(2022-2023 ONLINE COURSES)

This is to certify that **Dr. B.K. Sinha**, Principal, P.K. Roy College, Dhanbad delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from **13.09.2022 to 26.09.2022** as per UGC guidelines.

Topic	Date	Time
Nature through lens.	17/09/2022	02:00 pm to 03:30 pm

His/her services were appreciated by the participants.

S.K. Sahu
20/12/2022

Prof. (Dr.) S.K. Sahu
Director



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(2022-2023 ONLINE COURSES)

This is to certify that **Dr. Dev Dutta Sharma**, Vice Chancellor, Sardar Patel University, Mandi, Himachal Pradesh delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Environmental ethics	15/09/2022	10:30 am to 12:00 noon

His/her services were appreciated by the participants.

S.K. Sahu
20/12/2022

Prof. (Dr.) S.K. Sahu
Director



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RANCHI UNIVERSITY, RANCHI
(2022-2023 ONLINE COURSES)



This is to certify that **Dr. Gajendra Kumar Singh**, Head Dept of Chemistry, Jamshedpur Cooperative College, Jamshedpur, Kolhan University, Chaibasa, Jharkhand delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Water contamination	21/09/2022	10:30 am to 12:00 noon

His/her services were appreciated by the participants.

Prof. (Dr.) S.K. Sahu
Director



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(2022-2023 ONLINE COURSES)

This is to certify that **Dr. Hena Firdaus**, Dept. of life Science, MRDG Dept. Indian institute of science, Bangalore delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Human Health counteractive measure and therapeutic insights.	16/09/2022	10:30 am to 12:00 noon
Heavy Metal impact on environment on Human Health	16/09/2022	12:00 noon to 01:30 pm

His/her services were appreciated by the participants.

S.K. Sahu
20/12/2022

Prof. (Dr.) S.K. Sahu
Director



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RANCHI UNIVERSITY, RANCHI




(2022-2023 ONLINE COURSES)

This is to certify that **Mr. Jaipal Singh**, ICAR, RCER, Forming system Research Center for Hill Plateau, Ranchi, delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Insect pests & climate change	19/09/2022	12:00 noon to 01:30 pm
Insect pests & climate change	19/09/2022	02:00 pm to 03:30 pm

His/her services were appreciated by the participants.


20/12/2022
Prof. (Dr.) S.K. Sahu
Director



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RANCHI UNIVERSITY, RANCHI



(2022-2023 ONLINE COURSES)

This is to certify that **Dr. Kirti Avishek**, Dept of Civil & Environmental Engineering, BIT, Mesra, Ranchi Jharkhand delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Environmental consciousness adaptability and sustainability	24/09/2022	12:00 noon to 01:30 pm

His/her services were appreciated by the participants.


20/12/2022
Prof. (Dr.) S.K. Sahu
Director



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RANCHI UNIVERSITY, RANCHI



(2022-2023 ONLINE COURSES)

This is to certify that **Dr. Kuldeep Bauddh**, Dept. of Environment science, Central University of Jharkhand delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Phytorestoration of polluted site Parsentht-2	23/09/2022	12:00 noon to 01:30 pm

His/her services were appreciated by the participants.

S.K. Sahu
20/12/2022

Prof. (Dr.) S.K. Sahu
Director



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RANCHI UNIVERSITY, RANCHI
(2022-2023 ONLINE COURSES)



This is to certify that **Dr. Namrata Sinha**, Assistant Professor, University Department of Chemistry, Ranchi University, Ranchi has provided her services as **Course Co-ordinator** during the Inter / Multi-Disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Her services were appreciated by the participants.

S.K. Sahu
20/12/2022

Prof. (Dr.) S.K. Sahu
Director



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RANCHI UNIVERSITY, RANCHI



(2022-2023 ONLINE COURSES)

This is to certify that **Dr G Pandu Ranga Murthy**, Professor & Project Director, AIM-AINC-Niti AAYOG Sponsored Research Project, Govt. of India, Shanthi college University of Mysore Karnataka delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
BIO Medical waste management Unit-1	22/09/2022	10:30 am to 12:00 noon
BIO Medical waste management Unit-2	22/09/2022	12:00 noon to 01:30 pm

His/her services were appreciated by the participants.

S.K. Sahu
20/12/2022
Prof. (Dr.) S.K. Sahu
Director



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RANCHI UNIVERSITY, RANCHI
(2022-2023 ONLINE COURSES)



This is to certify that **Dr. Pradipta Kumar Mohapatra**, Professor of Botany, Ravenshaw University, Cuttack delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Indian Agriculture looking at sustainability	20/09/2022	12:00 noon to 01:30 pm

His/her services were appreciated by the participants.


20/12/2022
Prof. (Dr.) S.K. Sahu
Director



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RANCHI UNIVERSITY, RANCHI




(2022-2023 ONLINE COURSES)

This is to certify that **Dr Pranveer Singh**, Dept. of Life science, Mahatma Gandhi central University, Motihari Bihar delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
We are part of solution for nature	20/09/2022	10:30 am to 12:00 noon

His/her services were appreciated by the participants.


Prof. (Dr.) S.K. Sahu
Director



UNIVERSITY GRANTS COMMISSION
HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)
RANCHI UNIVERSITY, RANCHI



(2022-2023 ONLINE COURSES)

This is to certify that **Dr. Prasanjit Mukharjee**, Assistant Professor, Department of Botany, SKM University, Dumka delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Solid Antimanagement	13/09/2022	12:00 noon to 01:30 pm
Aquatic Plant	13/09/2022	02:00 pm to 03:30 pm
Earth & climate change impact	13/09/2022	03:45 pm to 05:15 pm

His/her services were appreciated by the participants.

S.K. Sahu
20/12/2022

Prof. (Dr.) S.K. Sahu
Director



ज्ञान-विज्ञान विमुक्तये

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RANCHI UNIVERSITY, RANCHI



(2022-2023 ONLINE COURSES)

This is to certify that **Dr. Rajesh Raviya**, Dept. of Botany, Junagarh, Gujrat delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from **13.09.2022 to 26.09.2022** as per UGC guidelines.

Topic	Date	Time
Environmental disaster	19/09/2022	10:30 am to 12:00 noon

His/her services were appreciated by the participants.

S.K. Sahu
20/12/2022

Prof. (Dr.) S.K. Sahu
Director



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RANCHI UNIVERSITY, RANCHI




(2022-2023 ONLINE COURSES)

This is to certify that **Dr Rajsekhar Singh**, Indian coordinator IU-CERI & Ex -Sr. Principal scientist, Central institute of Mining & fuel research Dhanbad, Jharkhand delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Restoration of Mine waste land	22/09/2022	02:00 pm to 03:30 pm
Restoration of Mine waste land	22/09/2022	03:45 pm to 05:15 pm

His/her services were appreciated by the participants.


20/12/2022
Prof. (Dr.) S.K. Sahu
Director



ज्ञान-विज्ञान विमुक्तये

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RANCHI UNIVERSITY, RANCHI



(2022-2023 ONLINE COURSES)

This is to certify that **Dr. Soumen Dey**, PG Dept. of Chemistry, Central University of Jharkhand delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Water treatment Via waste to best protocol	14/09/2022	10:30 am to 12:00 noon
Exploring Bio diversity for die treatment	14/09/2022	12:00 noon to 01:30 pm

His/her services were appreciated by the participants.

S.K. Sahu
20/12/2022
Prof. (Dr.) S.K. Sahu
Director



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HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)
RANCHI UNIVERSITY, RANCHI



(2022-2023 ONLINE COURSES)

This is to certify that **Dr Sourav Nilesh**, Faculty, School of Yoga, Ranchi University, Ranchi, delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Yoga & Nature	17/09/2022	12:00 noon to 01:30 pm

His/her services were appreciated by the participants.


Prof. (Dr.) S.K. Sahu
Director



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RANCHI UNIVERSITY, RANCHI



(2022-2023 ONLINE COURSES)

This is to certify that **Dr. Sumit Kumar Sonkar**, Assistant Professor, Dept. of Chemistry, NIT, Jaipur, Rajasthan delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
The shiny perspectives of pollutant soot	23/09/2022	02:00 pm to 03:30 pm

His/her services were appreciated by the participants.


20/12/2022
Prof. (Dr.) S.K. Sahu
Director



UNIVERSITY GRANTS COMMISSION
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RANCHI UNIVERSITY, RANCHI



(2022-2023 ONLINE COURSES)

This is to certify that **Dr Tapan Kumar Maity**, Dept of Pharmaceutical Chemistry, Yadavpur university, Kolkatta delivered the following lecture as **resource person** to the participants of Inter/Multi-disciplinary Refresher Course in Environmental Sciences and Ecology organized in this institute from 13.09.2022 to 26.09.2022 as per UGC guidelines.

Topic	Date	Time
Effect of Life style modification on Human Health	21/09/2022	02:00 pm to 03:30 pm
Effect of Life style modification on Human Health	21/09/2022	03:45 pm to 05:15 pm

His/her services were appreciated by the participants.


Prof. (Dr.) S.K. Sahu
Director