



# RANCHI UNIVERSITY, RANCHI

## Faculty Profile

- **Name of the Faculty Member: ANAND KUMAR THAKUR, DR.**
- **Department: UNIVERSITY DEPARTMENT OF ZOOLOGY**
- **Designation: ASSISTANT PROFESSOR**
- **Level of Guidance & Teaching: POST-GRADUATION AND Ph.D. SCHOLARS**
- **Qualification:**

### *Academic Qualifications :*

<i>Examination</i>	<i>Board/University</i>	<i>Subject</i>	<i>Year of Passing</i>	<i>Division/Class</i>	<i>% of Marks</i>
<i>Matric</i>	BSEB, PATNA	ALL	1989	1 <sup>st</sup>	61.5%
<i>Intermediate</i>	BIEC, PATNA	PCB	1991	1 <sup>st</sup>	60.11%
<i>Graduation</i>	MU, BODH GAYA	ZOO (HONS.)	1996	1 <sup>st</sup>	62.25%
<i>Post Graduate</i>	MU, BODH GAYA	ZOO (ENTO)	1999	1 <sup>st</sup>	70.62%
<i>M.Phil</i>					
<i>Ph.D</i>	RANCHI UNIVERSITY		2015		
<i>Others JRF/NET</i>	CSIR, NEW DELHI	LIFE SCIENCE S	2002		

### *Career Profile*

<i>Teaching experience in years</i>	<i>Area of Specialization</i>	
	<i>Teaching</i>	<i>Research</i>
<b>&gt;18 years</b>	<b>18 years</b>	<b>10 years</b>

**Research Guidance: M.Phil/Ph.D. /D.Sc. /D. Litt (May 2017 to date):**

<i>Name of Research Scholar</i>	<i>Registration No. &amp; Date</i>	<i>The topic of research work</i>	<i>Present Status (No. of Ph.D. awarded /ongoing)</i>
<b>AJIT KUMAR GUPTA ASST PROFESSOR OF ZOOLOGY, BS COLLEGE, LOHARDAGA</b>	21-07-2016	Studies on the ecology and biodiversity of some Heteroceran moths (Insecta: Lepidoptera in the Agro-Horticulture Area of Jharkhand.	ONGOING
<b>PRITI KUMARI ORAON CSIR-SRF</b>	5-15-2018 135174/18	Antifeedant and growth regulatory effects of plant produced secondary metabolites against some moth (Lepidoptera: Heteroceran) pests.	ONGOING
<b>KANIKA KUMARI CSIR-SRF &amp; ASST. PROFESSOR OF ZOOLOGY, JJ COLLEGE, JHARIA</b>	12-12-2018 135111/2018	Predicting the impact of climate change on <i>Earias vitella</i> Fabricius (Lepidoptera: Noctuidae) in India by using process based modelling and spatial mapping	ONGOING
<b>SUSHMITA BANRA CSIR-JRF</b>	1-19-2021 145942/21	Studies on Gut Associated Bacterial Diversity of Fall Armyworm <i>Spodoptera frugiperda</i> (Smith) (Lepidoptera: Noctuidae).	ONGOING
<b>ANITA KUMARI CSIR-SRF</b>	1-18-2021	Studies on the diversity of bacterial populations associated with gut of litchi stink bug, <i>Tessaratoma javanica</i> (Thunberg) (Hemiptera: Tessaratomidae)	ONGOING
<b>KIRAN KUMARI PRE-PHD</b>	11-12-2018 145314/18	Studies on the Biodiversity and Ecology of Butterflies(Lepidoptera: Rhopalocera) belonging to families Nymphalidae, Pieridae and Papilionidae in Jharkhand.	ONGOING

**Books authored/Edited/Co-Author Chapter in Book (May 2017 to till date)**

<i>Name of Books</i>	<i>Subject</i>	<i>Sole or Co-Author</i>	<i>ISBN</i>	<i>Date of Publication</i>	<i>Name of Publishers</i>
KIRAN UGC YOGA	YOGIC SCIENCE	CO-AUTHOR	9789390883295	2021	KIRAN PUBLISHING, NEW DELHI

**Number of Research papers published in Journals/Periodical (May 2017 to till date)**

<i>Sr. No.</i>	<i>Title with page Nos.</i>	<i>ISSN</i>	<i>Name of Journal</i>	<i>Date of Publication</i>
1	Inventory report of the butterflies (Lepidoptera: Rhopalocera) of family Nymphalidae, Pieridae and Papillionidae at the Kanke, Ranchi.	P-ISSN 0973-7057	BIOSPECTRA	SEP - 2021
2	Effect of crude plant extract on feeding behaviour of <i>Spodoptera litura</i> Fab. (Lepidoptera: Noctuidae).	P-ISSN 0973-7057	BIOSPECTRA	SEP - 2021
3	An inventory of moth fauna (Lepidoptera: Heteroceran) belonging to the family Sphingidae of Ranchi, Jharkhand.	23194227	RUJOST	2021
4	The Science of Open Educational Resources (OERs): A Democratic Aspect of Education.	23194227	RUJOST	2021
5	Bhramari Pranayam (BP): A tool of wellness during post-COVID-19 effect.	P-ISSN 0973-7057	BIOSPECTRA	2021
6	Report on the role of Global Positioning System (GPS) and Geographic Information System (GSI) on Integrated Pest Management (IPM).	2393-9508	THE BIOBRIO	2021
7	Report on the Effect of Declined Anthropogenic Disturbance during COVID-19 Lockdown over the diversity of Butterflies.	ISBN 9789387002890	CHAPTER IN QUQM - VITA LIFE BEYOND	2021
8	Design and Implementation of Reaction Timer using CMOS logic.	978981108234443	PROCEEDINGS OF MCCS-2017, SPRINGER	2019

9	Biodiversity and Ecology of Moths of the family Sphingidae (Lepidoptera: Heteroceran) at Harmu, Ranchi, Jharkhand: A Report.	9789383583249	CHAPTER IN BIODIVERSITY, TAXONOMY AND CONSERVATION	2018
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***No. of seminars/conferences/workshops attended/organized (May 2017 to till date):***

<i>Seminar/Conference</i>	<i>Date of Participation</i>	<i>National/International</i>
One day webinar on “Life Science” organized by UGC-HRDC, Ranchi University, Ranchi	31.08.2020	International
One day “National Conference on Yoga Accreditation” jointly organized by NAAC and S-VYASA, Bengaluru.		
One day National Webinar on – Zoological Studies and Human Welfare” Org by- Govt. Degree College for Women, Barmulla	14.07.2021	National
One day National Webinar on – Carbon Emission & Climate Change in India. Org. by Depart of Botany, Jamshedpur Cooperative College, Jamshedpur	18.01.2021	National
One-day National Webinar on- Restore Rural Ecosystem. Org by Chhattisgarh Bhoogol Parishad, Bilaspur.	21.07.2021	National
One day National Webinar on- Role of entomofauna in ecosystem restoration & improving the livelihood of rural people through the establishment of beneficial insects-based small scale industries.	12.07.2021	National
Advances in scientific skills and research. Org by Ravindra Rananjay Post-Graduate College, Amethi.	20-21 <sup>st</sup> June 2020	International Webposium
Covid-19: A Global Issue. Org by Ravindra Rananjay Post-Graduate College, Amethi.	23-14 <sup>th</sup> June 2020	International Webinar
Nanotechnology origin, history	11th July 2020	International Webinar

and principles. Org by Tata College, Chaibasa (KU)		
Three Days Workshop on DNA Barcoding at IARI, ICAR, New Delhi	19-21st Feb 2020	National Workshop
One-day National Conference on Yoga Accreditation. Org by SVYASA, Bengaluru	31st Aug 2020	National Conference

***No. of FIP/refresher courses/summer training attended/organized (May 2017 to till date):***

Participated:-

<i>Type of Course</i>	<i>Date</i>	<i>Period</i>	<i>Venue</i>
Refresher Course (Life Sciences)	1st to 14th September 2020	Two weeks	UGC-HRDC, Ranchi University, Ranchi
FDP on MOOCs	5th to 10th August 2019	One week	NIPA, New Delhi
Refresher Course (Life Sciences)	8th to 27th August 2018	Three weeks	UGC-HRDC, Ranchi University

Organized as Course Coordinator/ Organizing Secretary:-

<i>Type of Course</i>	<i>Role</i>	<i>Date</i>	<i>Organized by</i>	<i>Topic</i>
Short term course	Course Coordinator	18th to 24th August 2020	UGC-HRDC, Ranchi University	Yoga & Wellness
One Day Webinar	Course Coordinator	17th Aug 2020	UGC-HRDC, Ranchi University	Yoga & Wellness during Covid-19
Two days International Conference- 5th MCCS 2020	Organizing Secretary	2020	IETE & ISVE, Ranchi	MCCS
FDP	Course Coordinator	21st to 25th June 2020	UGC-HRDC, Ranchi University	Yoga & Wellness during Covid-19

One Day National Webinar	Convenor	5th June 2020	University Department of Zoology, Ranchi University, Ranchi	World Environment Day
Two days International Conference- 4th MCCS 2020	Organizing Secretary	11th -12th May 2019	IETE & ISVE, Ranchi	MCCS
Two days International Conference & Zonal Seminar	Organizing Secretary	12th -13th May 2018	IETE & ISVE, Ranchi	Science & technology
The 32 <sup>nd</sup> GISFI Standardization Series Meeting on The 32 <sup>nd</sup> GISFI Standardization Series Meeting	Organizing Secretary	8-9th Dec 2018	IETE, Ranchi	5-G
XXXIII Annual IAPT Convention 2018 & National Symposium	Joint Secretary	29-31st October 2018	University Department of Physics, Ranchi University, Ranchi	Innovations and Excellence in Physics Teaching & Research

***Any other academic, administrative, and socially relevant contributions/consultancy & awards:  
Administrative Responsibilities:-***

Responsibility	Year	Faculty	Given by	
Course Coordinator (Founder)	2017- Jan 2022	School of Yoga, Ranchi University, Ranchi	Ranchi University, Ranchi	
Director (Founder)	2017 till date	Radio Khanchi 90.4FM, Ranchi University, Ranchi	Ranchi University, Ranchi	
Surveillance Expert	2019	Bar Council of India, New Delhi		
Observer	2018	NET examination	CBSE, New Delhi	
Member	2018	Inspection Team of Jharkhand State Pollution Control Board,	PCB, Govt. of Jharkhand, Ranchi	

		Ranchi		
NSS Officer	2019		Ranchi University, Ranci	

**Consultancy:**

Project Director at Radio Khanchi 90.4FM				
Log Report of Consultancy Projects				
SL. NO.	NAME OF PROJECT	FUNDING AGENCY	AMOUNT	DURATION
1	Mission Corona Season 1	Community Radio Association (CRA), New Delhi & UNICEF, New Delhi	60000.00	1st June 2020 - 30th Nov 2020
2	Science & Technology Innovation Policy - 2020	CEMCA, New Delhi & Department of Science & Technology, Govt. of India, New Delhi	52000.00	1st Aug 2020 - 7th Oct 2020
4	The New Normal-Covid awareness Project	SMART NGO, New Delhi & Bill and Medinda Gate Foundation (BNGF), New Delhi	30000.00	21st Sep 2020 - 21st Dec 2020
3	Factshala - Fight against fake news	Seeking Modern Application of Real Transformation (SMART), New Delhi and Google-FactShala, new Delhi	25000.00	30th Nov 2020 - 15th Jan 2021
5	Poshan Ki Potali	SMART NGO, New Delhi & Bill and Medinda Gate Foundation (BNGF), New Delhi	72000.00	15th Nov 2020 - 15th Jan 2021
6	Yoga Appreciation Project	CEMCA, New Delhi & Ministry of Ayush, Govt. of India, New Delhi	64000.00	1st April 2021 - 21st June 2021
7	Career Counselling for Youth Project	CEMCA, New Delhi	34000.00	17th May 2021 - 23rd June 2021
8	Mission Corona Season 2	Community Radio Association (CRA), New Delhi & UNICEF, New Delhi	38000.00	1st June 2021 - 30th Nov 2021
9	Youth Corona Warriors	CRA, New Delhi & UNICEF, New Delhi	36000.00	26th July 2021 - 10th Sep 2021

10	Vaccine Hesitancy Project- Lapak Jhapak	SMART NGO, New Delhi & Bill and Medinda Gate Foundation (BNGF), New Delhi	40000.00	13th Sep 2021 - 15th Dec 2021
11	Do Dose Ka Dum	SMART NGO, New Delhi & Bill and Medinda Gate Foundation (BNGF), New Delhi	90000.00	15th Nov 2021 - 15th Feb 2022
12	Corona Se Jang, Sawadhani Ke Sang	SMART NGO, New Delhi & Bill and Medinda Gate Foundation (BNGF), New Delhi	45000.00	17th Jan 2022 - 31st March 2022
13	Bamboo Project	CEMCA, New Delhi	44000.00	7th Feb 2022 - 25th March 2022
			630000.00	

***Awards/ Fellowship:***

Name of Award	Year	Purpose
Jharkhand Seva Ratna Award	2021	Aakashwani Seva
UNESCO-CEMCA-TRF Radio Fellowship	2021	SDG-05
Bhikhari Thakur Samaan	2018	Curricular and Extra-curricular Activities

***Resource Person/ Guest Speaker:***

Topic	Year	Type of course etc/ Organization
Immunotherapy in Cancer	2-4-2022	One day international conference, PG Department of Zoology, Jamshedpur Cooperative College, Kolhan University, Jamshedpur
Digital initiative in Higher Education in India	25-1-2022	FIP, UGC-HRDC, Ranchi University, Ranchi
Community Radio Station	23-8-2021	FIP, UGC-HRDC, Ranchi University, Ranchi
Digital initiative in Higher Education in India	17-8-2021	Refresher Course, UGC-HRDC, Ranchi University, Ranchi
Community Radio Station in the	23-8-2021	FIP, UGC-HRDC, Ranchi University, Ranchi
MOODLE software	16-8-2021	Refresher Course on Research Methodology, UGC-



		HRDC, Ranchi University, Ranchi
Freedom Fighters of Jharkhand	12/8/2021	Azadi ka amrit mahatosava programme at State Museum, Ranchi
Digital initiative in Higher Education in India	27/2/2021	FIP, UGC-HRDC, Ranchi University, Ranchi
Tribal Music	22/2/2021	Refresher Course on Tribal Language, UGC-HRDC, Ranchi University, Ranchi
Community Radio Station	7/2/2021	FIP, UGC-HRDC, Ranchi University, Ranchi
MOOCs	7/1/2021 & 19/1/2021	RC-IT, UGC-HRDC, Ranchi University, Ranchi
Community Radio Station and MOOCs	14/1/2021 & 21/1/2021	FIP, UGC-HRDC, Ranchi University, Ranchi
Community Radio Station	19/1/2021	RC-IT, UGC-HRDC, Ranchi University, Ranchi
Community Radio Station	20/1/2021	FIP, UGC-HRDC, Ranchi University, Ranchi
Digital initiatives at higher education in India	25/8/2020	STC, UGC-HRDC, Ranchi University, Ranchi
Community Radio Station	1 <sup>st</sup> June, 2019	IPRD, Govt. of Jharkhand, Ranchi
MOOCs platform	14-15 <sup>th</sup> Feb, 2019	Sikkim University, Gangtok
Research Methodology	20 <sup>th</sup> January, 2019	OC, UGC-HRDC, Ranchi University, Ranchi
MOOCs platform	27.7.18	OC, UGC-HRDC, Ranchi University, Ranchi
Open Educational Resources' and 'Challenges in Online Education in India	17.01.2018	RC, UGC-HRDC, Ranchi University, Ranchi

**Editor/ Reviewer:**

Mode of work	Year	Name of Journal/Book/ Others
Editor-in-Chief	2021	Newsletter of Radio Khanchi 90.4FM
Reviewer	2021	Biospectra Journal (UGC CARE listed and Web of Science)
Reviewer	2021	RUJOST, Ranchi University, Ranchi
Editor	2019	Souvenir of 33rd Convocation of Ranchi University, Ranchi
Editor	2018	Souvenir of 32nd Convocation of Ranchi University, Ranchi

**Member of BOS:**

Course	Year	Department/ College/ Institute
PG Zoology	2021	University Department of Zoology, Ranchi University
Yoga	2020	School of Yoga, Ranchi University, Ranchi
PG Diploma in Agrochemistry & Pest Management	2018	University Department of Chemistry, Ranchi University, Ranchi
PG Diploma in Yogic Sciences	2018	School of Yoga, Ranchi University, Ranchi

**Socially relevant contributions through Newspapers/ AIR/ DD Kendra:**

Topic	Year	Media Agency
National Science Day	2022	DD Kendra, Ranchi
National Science Day	2019	DD Kendra, Ranchi
Voter Awareness Day	2018	DD Kendra, Ranchi
National Science Day	2018	DD Kendra, Ranchi
Career in the field of Biology – Article	2018	Dainik Bjaskar, Ranchi
Career Scope in Pharmaceutical Industries – Article	2018	Dainik Bjaskar, Ranchi
Article in Yougle and Lakshya	2018	Dainik Bjaskar, Ranchi
World youth skill development day	2018	DD Kendra, Ranchi
Radio Talk on Presaran Diwas	2018	AIR, Ranchi
Voter Awareness Day	2019	DD Kendra, Ranchi
International Yoga Day	2019	DD Kendra, Ranchi
World Postal Day	2019	DD Kendra, Ranchi