

## BIO-DATA

**NAME:- DR. SONI KUMARI**  
**Assistant Professor (Need Based)**  
**Dept. of Botany**  
**P. P. K. college, Bundu**  
**Ranchi University, Ranchi**



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Near Holy Cross School,  
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Lalpur, Ranchi, Jharkhand.  
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### PERSONAL DETAILS :

**Date of birth** : **12.11.1984**  
**Father's Name** : **Mr. Kaushal kishore Prasad Roy**  
**Mother's Name** : **Mrs. Pramila kumari Roy**  
**Husband's Name** : **Mr. Manoj Kumar**  
**Sex** : **Female**  
**Marital Status** : **Married**  
**Nationality** : **Indian**  
**Language Known** : **Hindi & English**  
**Religion** : **Hinduism**

### EDUCTIONAL DETAILS:-

**M.SC. (2007) ; Cytogenetics; University Department of Botany, Ranchi University, Ranchi**  
**B.Sc. (2005) , Botany ( Honours) , Department of Botany, Ranchi Women's College, Ranchi, Ranchi University, Ranchi**

## **EXTRA EDUCATIONAL DETAILS:**

### **A) Ph.D :**

Have done Ph.D degree in **2014** under the supervision of **Dr. (Mrs.) Kunul Kandir, Prof. University Dept. of Botany Ranchi University, Ranchi** on the topic **“Morphotaxonomical and Phytochemical studies on some ethnomedicinal plants used in Bone Diseases in Ranchi District of Jharkhand”** .

### **B) PUBLICATIONS:**

#### **1 BOOK :- ETHNOBOTANY, CULTIVATION AND UTILIZATION OF PLANTS .**

**Topic :- Ethnobotany: An overview on Arthritis**

**Publisher : Srijan Samiti, H.No. 498, Kakarmatta, Varanasi - 221004**

#### **2 BOOK :- RESEARCH METHODOLOGY IN LIFE SCIENCE VOLUME- 1**

<b>JOURNAL'S NAME</b>	<b>YEAR OF PUBLICATION</b>	<b>OF VOL. &amp; PAGE NO.</b>	<b>TOPIC OF PUBLICATION</b>
<b>BIOSPECTRA</b>	<b>2009</b>	<b>4 (1), 135-138</b>	<b>Some ethnomedicinal plants used in the treatment of Bone fracture by the tribal of Ranchi District.</b>
<b>THE SOCIOSCAN</b>	<b>2010</b>	<b>2 (3&amp;4), 25-26</b>	<b>Ethno Medicinal uses of some indigenous plants in the treatment of joint inflammation.</b>
<b>BIOSPECTRA</b>	<b>2012</b>	<b>7 (1), 191-192</b>	<b>Traditional uses of some medicinal plants in arthritis by the tribal of Ranchi district</b>
<b>BIOSPECTRA</b>	<b>2012</b>	<b>7 (3), 107-110</b>	<b>Comparative study of moisture content of herbal plant used in the bone diseases in Ranchi district of Jharkhand.</b>

BIOSPECTRA	2012	7 (4), 157-160	Comparative study of some stomatal index of ethno-medicinal plant used in the bone diseases in Ranchi district of Jharkhand
BIOSPECTRA	2014	9 (2), 95-98	Stomatal studies of some ethnomedicinal plants used against bone diseases.
INTERNATIONAL JOURNAL OF PLANT SCIENCE	2020	15 (1), 34 - 36	Ethnomedicinal tradition against sciatica by the tribals o Ranchi district (Jharkhand)
JOURNAL OF ULTRA CHEMISTRY	2020	16 (6), 78 - 82	Physico-Chemical and Bio-Chemical studies on some Mn (II) Ion Chaleates with Physiological active Mixed Ligands
INTERNATIONAL JOURNAL OF FUTURE GENERATION COMMUNICATION AND NETWORKING	2021	14 (1), 2795 - 2797	Traditional treatment against Lumbago disease by the tribals of Ranchi district (Jharkhand)
ASIAN RESONANCE	2021	10 (2), 63 - 66	Synthesis Characterization and Biological Studies of Some Mixed Ligand Complexs of Ti (IV) and Zr (IV) Ion complexes

### C) CONFERENCES / SEMINARS:

CONFERENCES	DATE & PLACE	PRESENTATION TOPIC
2 <sup>nd</sup> Nat. Con. On: Recent Trends in Ecological Research in India with focus on Jharkhand.	17-19 <sup>th</sup> Nov. 2008 Ranchi	Ethnomedicinal studies on ethnomedicinal plants used in Bone fracture in Ranchi District of Jharkhand.
Int. Con. On: Recent Trends in Life Science Researches Vis-à-vis Natural Resource Management,	27-29 <sup>th</sup> June, 2009 Vinoba Bhave Uni., Hazaribag	Ethnomedicinal plants used against Arthritis by the tribal of Ranchi district of Jharkhand.

**Sustainable  
Development and  
Human Welfare**

<b>Nat. Con. On: Plant Sciences Diversity, Products and Environmental Planning</b>	<b>11-12<sup>th</sup> Oct. 2009</b>	<b>Ranchi</b>	<b>Medicinal plants used in the treatment of Joint inflammation by ethnic groups of Ranchi District.</b>
<b>2<sup>nd</sup> Int. Con. On: Bio- wealth Management for Sustainable Livelihood</b>	<b>20-22<sup>nd</sup> Nov. 2009</b>	<b>Ranchi</b>	<b>Folk Herbal drugs used for Sciatica in Ranchi District of Jharkhand State.</b>
<b>3<sup>rd</sup> Int. Con. On: Bio- Resource Development &amp; Natural Resource Management for Community upliftment.</b>	<b>13-15<sup>th</sup> Dec. 2010</b>	<b>Ranchi</b>	<b>Traditional treatment of Rheumatism by the tribal of Ranchi District (Jharkhand).</b>
<b>Int. Con. On: Energy, Environment and Development : from Stockholm to Copenhagen and beyond</b>	<b>10-12<sup>th</sup> Dec. 2010</b>	<b>Sambalpur, Orissa.</b>	<b>Ethno-Medicinal tradition for Rheumatism by the tribals of Ranchi District (Jharkhand).</b>
<b>4<sup>th</sup> Int. Con. On : Life Science Research for Rural and Agricultural Development</b>	<b>27-29<sup>th</sup> Dec. 2011</b>	<b>Patna</b>	<b>Traditional treatment of sciatica by the tribals of Ranchi District (Jharkhand).</b>
<b>4<sup>th</sup> Int. Con. On : Anthropogenic Impact on Environment and Conservation strategy</b>	<b>2-4<sup>th</sup> Nov.2012</b>	<b>Ranchi</b>	<b>Ethno-Medicinal tradition for Gout by the tribals of Ranchi District (Jharkhand)</b>
<b>Nat. Seminar on Environmental and Biotechnological Prospects and Issues in India</b>	<b>23-24<sup>th</sup> June. 2017</b>	<b>Ranchi</b>	<b>Anti-arthritic Screening of some Ethno medicinal plants in Ranchi district (Jharkhand)</b>
<b>Nat. Seminar on : Gender Equality &amp; Human Rights</b>	<b>19-20<sup>th</sup> Feb. 2021</b>	<b>Uttar Pradesh</b>	<b>Society needs : Gender Equality and women' s empowerment</b>
<b>Nat. Seminar on : Nat. Education Policy 2020:</b>	<b>25-26<sup>th</sup> Feb. 2021</b>	<b>Uttar Pradesh</b>	<b>The Impact of online and Digital education System in Ranchi district.</b>

## Issue and Challenges

International  
conference  
Ethnobotany  
Environmental  
sustainability  
multidisciplinary  
researchers

on 29 - 30  
November  
2023

and

Organic Farming : A Review

International  
Conference  
environment  
aquaculture  
sustainable agriculture

on 22-24  
September,  
2023

and

Plants as indicators and monitors of  
soil pollution :- A Review

## EXTRA EDUCATIONAL QUALIFICATION:-

1. Have done one year certificate course in computer from “ **A.I.S.T.** ”

2.

NAME OF EXAM.	YEAR PASSING	OF DIVISION	BOARD/UNIVERSITY	PERCENTAGE (%)
B.Ed	2012	1 <sup>st</sup>	Mahatma Gandhi Kashi Vidhyapith U.P.	77.28%

3. Workshop on “ **Green Science and Sustainable Development**” 2018.

4. Have done 15 days training program in **Cellular and Microbial Biology** in **DNA Labs “A Centre for Applied Sciences” Dehradun, Uttarakhand** in May 2020 to June 2020.

5 Have done workshop on " **Plants/ Fungi Collection, Identification, Nomenclature and Botanical Illustration.**" 2023.

## WORK EXPERIANCES:

1. Having 2 years teaching experienced in **Vidhya Vikas Kala, Vanijya, Vigayn Mahavidhyalay, Wardha, Maharashtra.**
2. Have 11 months teaching experienced in intermediate wing, **Ranchi Women' s College, Ranchi** from 06/08/2016 - 29- 06-2017.
3. Have 2 years teaching experience in Intermediate wing, **Doranda college, Ranchi.**
4. Presently working as an **Asst. Professor** in **Dept. of Botany, P.P.K. College, Bundu under Ranchi University, Ranchi.**
5. Have given **10 lectures** on **Radio Khanchi 90.4 FM** associated with Ranchi University, Ranchi.

#### **CONFIDENTIAL WORK :**

#### **EXTERNAL -**

**I) Practical examination of Botany B. Sc. part II (Old course) 2019 Hons. And subsidiary in Birsa College, Khunti; Ranchi University, Ranchi.**

**II) Practical examination of Botany B.Sc. SEM- 4 ; 2020 Hons. And subsidiary (GE-4) in Birsa College, Khunti; Ranchi University, Ranchi**

**III) Practical examination of IVS 2A (Organic Farming) B.Sc. SEM -1 ; 2023 in Silli College, Silli; Ranchi University, Ranchi**

#### **EXAMINER -**

**I) Botany (Subsi) GE-2 SEM-4 in 2019, Evaluation Centre; Ranchi, University, Ranchi**

**II) Botany (Hons.) SEC-2 SEM-4 in 2019, Evaluation Centre; Ranchi University, Ranchi**

III) Botany ( Hons.) **SEC-2 SEM-4** in 2020, **Evaluation Centre; Ranchi University, Ranchi**

IV ) Botany **GE - 4 ; SEM - 4** in 2023 , **Evaluation Centre; Ranchi University, Ranchi**

V) Botany ( Hons. ) **CC - 12 ; SEM - V** in 2023 , **Evaluation Centre; Ranchi University, Ranchi**

VI ) Botany **IVS 1B Organic Farming SEM - 1** in 2023 , **School For Mass Communications, Ranchi University, Ranchi**

VII) Botany **IVS 2A Mushroom Cultivation SEM - 2** in 2024, **Evaluation Centre, Ranchi University, Ranchi**

#### **ACHIVEMENT:-**

Received “ **Young Scientist Gold Medal Award**” – **2010** from International Consortium of Contemporary Biologists & Madhavi Shayam Educational Trust.

Received " **Eco Feminism Award** " **2023** from International foundation for Ecology and Environment ( IFEE).

Received "**Women Scientist Award** " **2023** From Centre for Social and Environmental Research ( CSER).

#### **LIFE MEMBERSHIP :-**

**1 International Constorium of Contemporary Biologist Ranchi, Jharkhand.**

**2 International Foundation of Environment and Ecology ( Incorporated under the Act II of 1882, Government of India) Kolkata, West Bengal.**

**3 Centre of Social and Environmental Research. Ranchi, Jharkhand.**

**DECLARATION :**

I do hereby declare that the above information furnished by me is true to the best of my knowledge and belief.

**DATE :    /    / 2024**

**PLACE : Ranchi**

**SONI KUMARI**



