



RANCHI UNIVERSITY, RANCHI

Faculty Profile

- **Name of the Faculty Member:** Dr. Sameer Gunjan Lakra
- **Department :** University Department of Botany
- **Designation :** Assistant Professor
- **Level of Guidance & Teaching :** M.Sc. & Ph.D. Research
- **Qualification:** CSIR-NET, ASRB NET, M.Phil., Ph.D.

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> | C.B.S.E. | HIN,ENG, MAT,SCI, S.ST | 2007 | FIRST | 74.4% |
| <i>Intermediate</i> | J.A.C. | BIO,MAT, ZOO,CHE, ENG,HIN | 2009 | FIRST | 69.9% |
| <i>Graduation</i> | St. XAVIER'S COLLEGE, RANCHI, RANCHI UNIVERSITY | BOTANY HONS.,ZO O,CHE,HI N,ENG, EVS | 2012 | FIRST | 81.9% |
| <i>Post Graduate</i> | UNIVERSITY DEPARTMENT OF BOTANY, RANCHI UNIVERSITY, RANCHI | BOTANY | 2014 RESULT-2015 | FIRST | 79.71% |
| <i>M.Phil</i> | UNIVERSITY DEPARTMENT OF BOTANY, RANCHI UNIVERSITY, RANCHI | BOTANY | 2017 | FIRST | 72.83% |
| <i>Ph.D</i> | UNIVERSITY DEPARTMENT OF BOTANY, RANCHI UNIVERSITY, RANCHI | BOTANY | 2020 | | |

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| <i>Others</i> Ph.D. Coursework | UNIVERSITY DEPARTMENT OF BOTANY, RANCHI UNIVERSITY, RANCHI | BOTANY | 2018 | | 78.5% |
| | CSIR NET (LS) | LIFE SCIENCE | 2017 | | |
| | CSIR NET (LS) | LIFE SCIENCE | 2018 | | |
| | ICAR ASRB NET | AGRICUL TURE BIOTECH NOLOGY | 2018 | | |

Career Profile

| <i>Teaching experience in years</i> | <i>Area of Specialisation</i> | |
|-------------------------------------|-------------------------------|--|
| | <i>Teaching</i> | <i>Research</i> |
| 1 YEARS & 4 MONTHS | BOTANY | CYTOGENETICS, PLANT BREEDING, MOLECULAR BIOLOGY & PLANT BIOTECHNOLOGY |
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Research Guidance : M.Phil/Ph.D. /D.Sc. /D. Litt (May 2017 to till date):

| <i>Name of Research Scholar</i> | <i>Registration No. & Date</i> | <i>Topic of research work</i> | <i>Present Status (No. of Ph.D. awarded /ongoing)</i> |
|---------------------------------|------------------------------------|-------------------------------|---|
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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> |
|----------------------|----------------|--------------------------|-------------|----------------------------|---------------------------|
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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 | Karyomorphology of three succulent species <i>Gasteria batesiana</i> , <i>Haworthia limifolia</i> var <i>longiana</i> and <i>Aloe jucunda</i> (Family Asphodelaceae) pp: 167-172 | 0019 -4468 | Journal of Indian Botanical Society (JIBS) | JUNE, 2020 |
| 2 | Comparative studies of stomata of <i>Aloe rauhii</i> Reynolds and <i>Gasteria armstrongii</i> Schoenl. pp-48-52 | 2319-4227 | International Journal of Advanced Research (IJAR) | AUGUST, 2019 |
| 3 | Studies on | 2319-4227 | Ranchi University | JULY, 2017 |

| | | | | |
|--|--|--|--|--|
| | stomatal frequency and pollen analysis in <i>Zephyranthes candida</i> (Lindl.) Herb pp-23-28 | | Journal of Science & Technology (RUJOST) | |
| | | | | |

No. of seminars/conferences/workshop attended/organised (May 2017 to till date):

| <i>Seminar/Conference</i> | <i>Date of Participation</i> | <i>National/International</i> |
|--|------------------------------|-------------------------------|
| Workshop on Plant Taxonomy: Classical to Molecular | 29/11/2021 – 04/12/2021 | National |
| 44 th All India Botanical Conference of The Indian Botanical Society and National Symposium on Plant Science Research in present Scenario: Opportunities and Challenges | 18/10/2021 – 20/10/2021 | National |
| E-Workshop on Molecular Taxonomy – DNA Barcodes | 25/10/2021 – 29/10/2021 | National |
| 43 rd All India Botanical Conference of Indian Botanical Society and National Symposium on Sustainable development of Plant Resources and Conservation of Threatened Plants in Botanic Garden | 19/03/2021 – 21/03/2021 | National |
| Lab Workshop on Principle and technique of SEM | 07/09/2021 – 09/09/2021 | National |
| 3 rd International Conference on Advances in Environmental and Agricultural Biotechnology | 22/02/2018 – 24/02/2018 | International |
| 41st All India Botanical Conference of the Indian Botanical Society and Ecological Restoration, Carbon Sequestration and Biotechnological Approaches for Biodiversity Conservation | 25/10/2018 – 27/10/2018 | National |
| 42nd All India Botanical Conference of the Indian | 06/11/2019 – 08/11/2019 | National |

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|---|-------------------------|----------|
| Botanical Society and National Symposium on Innovation and Inventions in Plant Science Research | | |
| National Seminar on Challenges and Opportunities in Life Sciences | 20/04/2018 | National |
| National Seminar on Environmental and Biotechnological Prospects and Issues in India | 23/06/2017 – 24/06/2017 | National |
| Workshop on Indian Population: Health and Scope of research | 23/04/2019 | National |
| Workshop on Current trends in Molecular Biology | 19/09/2018 | National |
| National Workshop on Research Methodology | 09/11/2017 – 11/11/2017 | National |

No. of FIP/refresher courses/summer trainings attended/organised (May 2017 to till date):

| <i>Date</i> | <i>Period</i> | <i>Venue</i> |
|------------------------------|---------------|-------------------------------------|
| FIP: 04/01/2021 – 31/01/2021 | 28 DAYS | UGC-HRDC, RANCHI UNIVERSITY, RANCHI |
| FDP: 26/05/2020 – 31/05/2020 | 06 DAYS | ONLINE |

Any other academic, administrative and socially relevant contributions/consultancy and awards :

- Course coordinator of six month certificate course on Forestry, Wildlife & Climate Change, Ranchi University, Ranchi.
- Member of Internal Quality Assurance Cell (IQAC), Ranchi University, Ranchi.
- Young Scientist Award from VD GOOD Professionals.
- Life member of Indian Botanical Society.
- Awarded with best poster presentation (Certificate of Merit) of Indian Botanical Society, India at 41st I. B. S. Conference, Gwalior, 2018.
- Awarded with Professor S. V. S. Chauhan Gold Medal (Below the age of 25 years) for the best paper presentation in 39th Annual Conference of Indian Botanical Society, India in the University Department of Botany, Ranchi University, held on 21st – 23rd October, 2016.
- Awarded with Rahul Verma Award (Certificate of Merit) in St. Xavier's College, Ranchi for scoring the highest marks in the college test during graduation in the year 2010.

Research Project:

- One Research Project submitted to Science and Engineering Research Board (SERB), GoI for Startup Research Grant (SRG) entitled “Genetic manipulation and biochemical studies on Ipomoea batata plant against various mutagens and abiotic stress”

Member of Department Committee:

- Women’s Grievance Redressal Cell
- Student Counseling and Placement Cell
- Exam Committee
- Purchase Committee
- Sports Committee
- Alumni Association
- Academic Activities
- Cultural Activities Committee
- Admission
- Field Work/ Botanical Garden Committee
- Mentor Mentee Committee
- Press Release Committee
- Courses of Studies
- Publication Committee (RUJOST)
- Observation of Environmental and other important days celebration