

Faculty Profile

- *Name of the Faculty Member:* Dr Anita Mehta
- *Department :* University Dept of Botany, Ranchi University
- *Designation :* Associate Professor
- *Level of Guidance & Teaching :* PhD course work classes, PhD Degree(since joining RWC on 20.11.1996 till date), PG level(since joining RWC on 20.11.1996 till date), UG level (since joining RWC on 20.11.1996 till 08.01.2021)
- *Qualification:* MSc, PhD, BEd

1. 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>	Bihar Board	Phy, Chem, Math, Bio,Hin, Eng, Sanskrit	1976	First	66%
<i>Intermediate</i>	Ranchi Univ	Phy, Chem, Bot, Zoo, Hin, Eng, Logic	1978	First	65%
<i>Graduation</i>	Ranchi Univ	Botany Hon., Zoo, Chem	1981 (session was late for 1 yr)	First Class	66%
<i>Post Graduate</i>	Ranchi Univ	Botany	1984 (session was late for 2 yrs)	First Class	67%
<i>M.Phill</i>					
<i>Ph.D</i>	Ranchi Univ		27th Dece 1989		
<i>Others</i>	Ranchi Univ	B Ed	1985	First	69%

2. Career Profile

Teaching experience in years	Area of Specialisation	
	Teaching <i>Plant Physiology, Molecular Biology and Biotechnology</i>	Research <i>Plant Tissue Culture and Phytochemical studies</i>

3. Research Guidance : M.Phil/Ph.D. /D.Sc. /D. Litt (May 2017 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>
Ms. Shalini Jane Mundu	134360/17 dated 22.08.2017	Studies on bioactive compounds produced from endophytic fungi and its host <i>Centella asiatica</i> L.	Ongoing
Ms. Priyanka Kumari	2021	Strategies for the enhancement of secondary metabolite production of <i>Solanum nigrum</i> L. by plant cell and tissue culture	Ongoing

NB: Previously two candidates Shalini Patel and Suchitra Mahato were awarded PhD degree in the year 2006 and 2013.

4. Books authored/Edited/Co-Author Chapter in Book (May 2017 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>
Plants for a future 1. FINGER MILLET: A WONDER GRAIN (Classical to Experimental) First Published	Botany	Sole author Dr Anita Mehta	ISBN 978-93-84782-13-9	2017	Disha International Publishing House Greater Noida

5. Number of Research papers published in Journals/Periodical (May 2017 till date)

Sr. No.	Title with page number	ISSN	Name of Journal	Date of Publication
	Effects of plant growth regulators on callus multiplication and <i>in vitro</i> plant regeneration in <i>Bacopa monnieri</i> L. Vol.6(5), 337-345	Issn2169-303X	International Journal of Medicinal plants Research(International Scholar Journals)	2017
	Growth and Development of rooted plantlets of <i>Bacopa monnieri</i> L.in auxin-free tissue culture medium. Vol 7(3), June 2017, 11-16	ISSN(P): 2277-4815; ISSN(E): 2319-4456	International Journal of Botany And Research (Transstellar Journal Publications)	2017
	Phytochemical studies of <i>in vitro</i> and <i>in vivo</i> Grown plantlets of <i>Bacopa monnieri</i> L. Vol.6(4): 129-138.	ISSN(P): 2319-4014 ISSN(E): 2319-4022	International Journal of Applied and Natural Sciences	2017
	TLC and HPTLC profiling and antibacterial effects of callus extracts of <i>Holarrhaena antidysenterica</i> Wall. Vegetos 30(supplement) 2017 Doi: 10.5958/2229-4473.2017.00176.8	ISSN9070-4078	Vegetos: An International J. of Plant Research	2017
	Screening of secondary metabolites produced from dry leaves of <i>Centella asiatica</i> L.and its isolated endophytic fungi. Vol.8, Issue 1 IJRAR21A1354 pg-151-164	E-ISSN2348-1269, P-ISSN2349-5138	International Journal of Research and Analytical Reviews	2021

Sr. No.	T v P N			

6.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>
Environmental and Biotechnological prospects and issues in India	23 rd - 24 th June 2017	National Conference organized by Inter Disciplinary Forum, Ranchi Women's College
Challenges and opportunities of life sciences	20th April 2018	National Conference organized by Centre for Life Science, Central Univ of Jharkhand
Green Science and Sustainable Development	24 th Feb 2018	Jharkhand Council of Science and Technology, Ranchi
Molecular Diagnostics(PCR, Restriction Digestion and ligation)	8 th -9 th Nov 2019	SHRM BIOTECHNOLOGIES PVT. LTD. Venue- RWC, DEPT OF BIOTECHNOLOGY

NB: More than 10 Webinars were attended during 2020-2021

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

Served HRDC RU as Coordinator of UGC sponsored Refresher Course in Experimental Botany from 02.09.2021 to 15.09.2021 on online mode.

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

- Life member of various peer reviewed journal: MENDEL, BIONATURE, INDIAN BOTANICAL SOCIETY, INDIAN SCIENCE CONGRESS
- served as rapporteur during National Conference organized by RWC 23-24 June 2017.
- served as jury for evaluation of posters during various seminar.
- was co- chaired one of the technical session during National Conference'
- --- Was appointed as Coordinator Ek Bharat Shreshtha Bharat(EBSB) in Jan 2020 in RWC and conducted number of events. Students were awarded and certificates were also provided.
- The Honor of Life Membership is gratefully presented for outstanding dedication to Society for Plant Research under the aegis of which Int.J.of Plant Research and Biotechnology : Vegetos is published, currently processed by SpringerNature.
- Member of Editorial Board and one of the Councillors of Vegetos
- Fellow of SPR
- Reviewer of Manuscripts for 1. Vegetos, An International Journal of Plant Research, 2. International J. of Environment and Climate Change 3. European J. of Medicinal Plants
- Member Secretary of the Committee(Award and Honor-2021) for various SPR Vegetos) awards
- Member of Departmental Research Council
- Member of Internal Committee and Women Grievance Cell

-----Conducted meetings of Board of Studies for syllabus in semester system in RWC.
-----was one of the expert of Board of Studies for revised syllabus of BSc. Biotechnology Hon. Course in Jamshedpur Womens' College
-----was authorized for Press Release work of RWC.
-----was Deputy Coordinator and Coordinator of Dept of Biotechnology RWC.
-----Served Dept of Botany, RWC as Head of the Department.
-----College level seminar on Interdisciplinary Advances in Biotechnology was organized with the participation of 100% students and teachers of Dept of Biotechnology.
-----Award for Excellence from RWC
-----Best research paper award from International J. of Botany and Research June 2017, Transstellar Journals Publ.
-----Best research paper award from International J. of Applied and Natural Sciences 2017
-----was member of Green Audit Team in RWC and conducted programmes on WWD, IFD, OZONE DAY, EARTH DAY, BIODIVERSITY DAY etc.