



Curriculum Vitae

Dr. Reena Modi

M.Sc., M.Phil., Ph.D.

Assistant Professor (Botany)

Sangam University, Bhilwara (Raj.)

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Bhilwara –311001

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Reena.modi@sangamuniversity@gmail.com

MY Profile on-

Google scholar

<https://scholar.google.com/citations?user=P8b-tEYAAAAJ&hl=en>

Researchgate

https://www.researchgate.net/profile/Reena-Modi-2?ev=hdr_xprf

Academia.edu

[https://www.academia.edu/109823847/The effect of Gamma radiation on seed germination and Survival rate in Chrysanthemum carinatum](https://www.academia.edu/109823847/The_effect_of_Gamma_radiation_on_seed_germination_and_Survival_rate_in_Chrysanthemum_carinatum)

You tube link

<https://youtube.com/@neetbio.bhilwara7827?si=gfy0gZvCBk8dqWcU>

Linkdein

[https://www.linkedin.com/in/dr-rina-modi-ph-d-m-phil-m-sc-bsc-assistant-professor- of-botany-plant-cytogenetics-p](https://www.linkedin.com/in/dr-rina-modi-ph-d-m-phil-m-sc-bsc-assistant-professor-of-botany-plant-cytogenetics-p)

Professional summary

Dr. Reena Modi (M.Sc., M.Phil., Ph.D.) is an Assistant Professor of Botany at Sangam University, Bhilwara, with 20 years of teaching experience. She has guided 12 M.Sc. dissertations. Her research expertise includes Cytogenetics, Cytology, molecular biology, Phytochemistry, and Mutation Breeding, with a specialization in chromosomal aberrations and karyotype analysis. She has presented 16 posters and 7 oral presentations at international conferences, published 5 research papers, authored a reference book, co-edited an academic volume, and holds a patent. A life member of the Indian Science Congress Association, member of the editorial board of AATPS, and registered external examiner for MDSU, she actively contributes to academia through conferences, workshops, FDPs, and educational YouTube content.

EDUCATIONAL PROFILE:

Class Board/ University Subject Year Percentage (**First Class Career Throughout**)

- Ph.D. from Sangam University, Bhilwara (Raj.) 2020-21 -2024-25
- M. Phil. from School of Studies in Botany, Vikram University, Ujjain.2012 (70.14%)Ujjain (M.P.)
- M. Sc., Botany, Vikram University, Ujjain 2003(67.25%) Ujjain (M.P.)
- B. Sc. Vikram University, Ujjain 2000 (62.44%) Ujjain (M.P.)
- XIIth Secondary Education Board, BHOPAL, M.P. Biology 1997(63.66%)
- Xth Secondary Education Board, BHOPAL, M.P 1995(63.6%)

1. WORK EXPERIENCES:

1. Teaching experiences –

Above 20 years in recognized and with non-recognized Institute.

Recognized Institute

- ❖ Presently working at **Sangam University** as Assistant Professor in School of Basic and Applied Science from 13 March 2023.
- ❖ Worked as assistant professor at Vidya Professional & Technical College, Palari (Bhilwara) From Nov.2020 to Nov.2023.
- ❖ Worked as Assistant Professor at Smt. Sohandevi Gattani College, Sawaipur (BHL) from Sept.2019 to oct.2020.

- ❖ Worked as Lecturer at Maharshi Goutam College, Bhlwara (Raj.) from July 2016 to March 2018
- ❖ Worked as Lecturer Sushila Devi Mathur College (SDM), BHILWARA, from July 2015 to April 2016
- ❖ Worked as a PGT. July 2015 to Feb 2015 in Mahila Ashram Public School, Bhilwara
- ❖ Teaching undergraduate and post graduate in the faculty of Botany as Guest Lecturer (Sanvida Based) since Oct. 2003 to March 2004 at Govt. Bhagat Singh College, Jaora MP. Vikram University, Ujjain (MP)
- ❖ Teaching Biology as PGT July. 2002- Feb. 2003 Saraswati Shishu Mandir, Jaora (MP)

Non-recognized:

Experiences as a faculty of NEET and XI-XII Biology

- ❖ Two years' experience in IPS institute Nagori Garden Bhilwara for PGT bio.2006-2008.
- ❖ Three years' experience as Director of MODI Institute of Science (Bhilwara, Raj.) for X-XII (PMC, PCB), VI-VII (CBSE) as well as faculty.
- ❖ Online tutorial services also provided in Covid 19 well experience to conduct classes hybrid mode/Online mode at Google Meet, Zoom app. and live stream on you tube channel.

2. Professional Experiences: Teaching vs non -teaching

1 .Founder & Educator of-MODI INSTITUTE OF SCIENCE, BHILWARA (2019 – 2022)

Location-III floor, Crystal plaza ,Azad mohalla,Bhilwara

Face book page-

<https://www.facebook.com/groups/2476534132669358/?ref=share&mibextid=NSMWBT>

Description;-

- ❖ Founded and managed a coaching institute with a primary focus on academic (VI-VIII, IX, X and XI, XII (PCM, PCB) CBSE &RBSE and competitive exam preparation (NEET), NET-CSIR-Life Sciences.

- ❖ Successfully implemented and oversaw the institute's operations, achieving significant growth and accomplishments during the initial years.
- ❖ Institute was established primarily for Committed to supporting and nurturing exceptional talent by offering scholarships to deserving students from local schools and also needy students.
- ❖ Demonstrated adaptability and crisis management skills by temporarily suspending institute operations due to the COVID-19 pandemic.

2. Business Management (2014–2022)-Cybernetics-A Creative Corner

<https://www.facebook.com/share/1EBcSqRmHc/>

Managed office operations at Offset Pre-Printing Solutions – Cybernetics, Bhilwara. Responsibilities included client coordination, staff supervision, order handling, and formatting/editing of books, dissertations, and theses. Worked in administrative partnership with my husband from the host chair.

RELEVANT EXPERIENCE /Other Professional Experience;

- (1). Registered as an External Examiner in MDSU University, Ajmer from 2018.**

Institutions lists where taken examination as an External (MDSU registered):

- 1. S.M.M Girls College, Bhilwara (Ra.)**

External Examiner

B.Sc. (CBZ) –I Year Botany Practical Examination

2017r: 30/01/17 to 01/02/17

- 2. M.L.V.Govt. College, Bhilwara (Raj)**

External Examiner

- B.Sc. (CBZ) –I Botany Practical Examination 2017
- B.Sc. (CBZ) –III Botany Practical Examination 2020 Six Days Examination from 3 to 8 February 2020 ii.Batch no. 4, 5, 6,7,8,9 (Total 6 days for about 80 students)
- B.Sc. (CBZ) –I Botany Practical Examination 2020, 12 Feb to 15 Feb.

- B.Sc. (CBZ)–III Botany Practical Examination 2022 (6/06/2022 to 7/06/2022)

3. Smt. Susheela Devi Mathur PG Girls College (SDM) Mahila Ashram, Bhilwara

Examiner

- B.Sc. (CBZ) –III Botany Practical Examination 2018 (**19/01/2018 External**)
- B.Sc. (CBZ) –III Botany Practical Examination 2018 (**25/01/2018**)
- B.Sc. (CBZ) –I Botany Practical Examination 2024 (**16-03-2024 Saturday**)
- B.Sc. (Biotechnology) –I Botany Practical Examination (**2024 16-03-2024 Saturday**)

4. Maharshi Goutam College, Bhilwara

Examiner

- B.Sc. (CBZ) –II Botany Practical Examination 2022 (**09/09/2022**)
- B.Sc. (CBZ) –I Botany Practical Examination 2022 (**29/09/2022**)
- B.Sc. (CBZ) –III Botany Practical Examination 2022 (**09/09/2022**)
- B.Sc. (CBZ) –I Botany Practical Examination 2024 (**02/03/2024**)
- BSc (CBZ) –II Botany Practical Examination 2024 (**04/03/2024**)
- BSc (CBZ) –III Botany Practical Examination 2024 (**13/04/2024**)
- BSc (CBZ) –II Botany Practical Examination 2025 (**10/03/2025**)

Descriptions:

Responsibilities: Conducted examinations, assessed student performance, and provided evaluations for the BSc botany practical examinations. Ensured fair and unbiased evaluation of student work from 2014 to 2022 continuously in well reputed institutions. Here selected evidences attached.

4. ACHIEVMENTS:

(a) Academic

- Got first position in M.Phil Vikram University Ujjain (M.P.) •G.D. Anklesaria
Awarded for Ist position in MSc. at District level.
- Certificate of merit from ABVP for first position

- Silver medal awarded from Bhagat singh govt.P.G. College Jaora district Ratlam M.P.
- Certificate of merit top rank in University
- CR in college nominated.
- First position in seminar competition B.Sc. Final Year.

. (b) **Professional**

1. Microscopic structure Model project Coordinator;-Praise on Achievement: By Evaluator and guest Dr. B.L. Jagetia, (HOD of Botany Department) Date: [January 21 -2022]

Place: Vidya Professional and Technical College, Palari, BHILWARA, RAJ.

Description:

Led a project to create and showcase intricate microscopic structure models designed to simplify complex concepts for students. These models provided a rare and visual means for students to understand and grasp the intricacies of microscopic structures. Praise on Achievement: By Evaluator and guest Dr.B.L. Jagetia, (HOD of Botany Department)

2. Science fair I- 2022;Praise on achievement: By Evaluator and Chief guest Ashish Modi (Collector of Bhilwara)

Event Date: 28 February 2022

Place: MLV GOVT.COLLEGE, BHILWARA

Description:

Organized and supervised a unique science fair exhibition at MLV College, which garnered appreciation from the Collector. Designed and showcased innovative science models created by B.Sc. (B.Ed.) students under my supervision. Praise on achievement: By Evaluator and Chief guest Ashish Modi (Collector of Bhilwara)

The chief guest of the Science Fair, appreciated the models created under my supervision and praised the competence of both my students and me. And motivated and promoted for future innovative techniques to use with teaching like this.

5. SKILLS

Computer proficiency-

Video Editing and Creative Short effective video for events with video editing

1. **Technical skills**-MS Word, Excel and Power point RSCIT, Multimedia Skill.
2. **Content creation and Video editing**; some videos links are mentioned here to follow and subscribe created by me.

Some E-contents and their link;-Video Lectures and short for identifications of plants

YouTube Channel: BOTANY Mentor

https://youtube.com/@neetbio.bhilwara7827?si=FjHmo-_dNk4BJSID

Selected Video Samples:

1. **[B.Sc, B.Sc. B.Ed. Part II Paper- I Diversity of seed plants (part-1)] -**
[<https://youtu.be/uiHXRKgsOrg?si=7mKRHbAh7yKxlQYs>]
2. **[Best 3D models of botany] –**
[https://youtu.be/2ysGBxnJr68?si=rzEr7qE8M_zEk22w]
3. **[Cell organelles part II (BSc/BSc. Bed/NEET/Cytology)] -**
[<https://youtu.be/ISU7cLakfEo?si=pTsxPPilGapfbiPm>]

2. Digital Marketing-

Social media marketing-on Facebook, Instagram, Twitter, Linkdeine, Whatsapp, Mail.

3. Technical Handling

- Expertise in Staining Technique of Chromosomes.
- Expert in induced mutation through Chemicals in plants.
- Complete knowledge and good handling in cytology and Cytogenetic.
- Expertise in identify mutation in chromosome.
- Expertise in Mutation breeding to develop new varieties in Plants.
- Expert to develop a Polyploidy plants with use of strong carcinogen Colchicine.

6. AREA OF INTEREST:

- **Cytology, Cytogenetic, Chromosomal Aberrations, Mutation, Physical and chemical Mutagens, Molecular study.**
- **Development of Polyploids (Colchitetraploid) and the effect of Colchicine on genome.**

- **RESEARCH: Cytogenetics, Molecular study, Cytology, Induced Mutation, Chromosomal Abberations.**
- **M.Phil:-**Research Topic of Dissertation is “The Effect of Gamma Radiation on the Chromosomes of *Chrysanthemum carinatum*. Under supervision of Prof.R.C.Verma (Cytogenetics) HOD and ret.d.VC of Vikram University.
- **PhD: -** Research titled “The study the Effect of Gamma radiation, EMS and Colchicine on Chromosomes and Morphology of *Chrysanthemum carinatum*”.

MEMBERSHIPS;

1. Member of The Indian Science Congress Association .Life membership No.L44804

PUBLICATIONS: Research Papers;-05

1. Research article- Modi R.& Gugalia G., ”**The Effect of Gamma radiations on Seed Germination and survival rate in *Chrysanthemum carinatum***” Indian Journal of Plant Sciences ISSN:2319-3824 vol.12.pp91-96.
2. Research Paper entitled “**Investigating the Impact of Ethyle Methene Sulfonate (EMS) on seed Sprouting and Plant Viability in Brassica campestris.**” International Journal of Creative Research Thoughts (IJCRT) ISSN: 2320-2882 vol.12 issue 17 February 2024.UGC approved journal number 49023(18).
3. Paper entitled “**Comprehensive Study of Ornamental Flowering Plants at Sangam University: A Botanical, Economic and Morphological Analysis**” in International Journal of Multidisciplinary Research (IJFMR) E-ISSN-2160 vol.6 issue 3.(May June 2024)
4. Paper entitled “**COLCHICIN AS CHROMOSOMAL MODIFIER :A STUDY ON VIGNA RADIATA**” Indian Journal of Fundamental and Applied Life Sciences ISSN;2231-6345 vol. 14 pp 6-14 ,(2024).<http://www.cibtech.org/jls.htm>
5. Paper entitled “**Gamma Radiation as a Mutagen in *Chrysanthemum carinatum*: Discovery of Translocation Hetrozygotes**”,YMER/ISSN-0477Vol 23:issue 12 (Dec)-2024 <http://ymerdigital.com>
6. 3-4 research papers are on proceeding in well reputed international scientific journal

BOOK CHAPTER-1

Chapter entitle “**Future Directions and Challenges in Integrating IKS with Modern Botany**”
“book title Navigating Indian Knowledge System for Vikshit Bharat 2047.chapt.No.8 pp 59-72
Bharti Publications ISSN: 978-93-48059-24-6,

PATENTS; 01

- 1. International Title of the Invention; A Novel Tea Composition and Method for preparation Publishing Date -12-01-2024 Application Number - 202311084620A the patent Office Journal no.02/2024 Copy right: 1.**

BOOK PUBLICATIONS; 02

- 1. A Book** entitled “**Separation Techniques of BIOMOLECULES**” ISBN 978-935936-614-2 (RAVEENA PUBLICATION OPC PRIVATE LIMITED) for **UG** and **PG** students of Biotechnology, biochemistry, Pharmaceutical area, and Zoology and Botany is proceeding.

AMAZON: - As Author My Book on Amazon as Product for sell.

[https://www.amazon.in/Separation-Techniques-BIOMOLECULES-](https://www.amazon.in/Separation-Techniques-BIOMOLECULES-ReenaModi/dp/B0CLXVN9LV/ref=sr_1_1?crd=10RYEW9RXS0NV&keywords=Separation+technique+of+BIOMOLECULES&qid=1700116428&prefix=separation+technique+of+biomolecules%2Caps%2C219&sr=8-#detailBullets_feature_div)

ReenaModi/dp/B0CLXVN9LV/ref=sr_1_1?crd=10RYEW9RXS0NV&keywords=Separation+technique+of+BIOMOLECULES&qid=1700116428&prefix=separation+technique+of+biomolecules%2Caps%2C219&sr=8-#detailBullets_feature_div

2.Book - SANGAMOTKARSH A Saga of Excellence@ Sangam University, ISBN Number: 978-81-978342-7-1. This book is a reflection of our institution’s journey toward academic excellence, innovation, and impactful leadership in higher education. This book brings together these key achievements, best practices, and success stories across various departments and essential university services.

PAPER PRESENTATION; 3

- 1.Paper entitled “A Review: Effect of Mutagens on Garden Chrysanthemum Species**”
“International Conference of Analytic and Interdisciplinary Research organized by Sangam University, Bhilwara held on 5-6 February 2021

2.National Conference-NCASET-2023 ;National Conference On“ Advances in Science, Engineering and Technology“ Shree Balaji college of Engineering & Technology, Jaipur September 13,2023 .Oral Presentation on **Title-Effect Of Gamma Radiation on Seed Germination, Plant survival and Chromosomes in *Chrysanthemum species*.**

3.International Conference on Recent Trend and Innovations in Applied Sciences for Sustainable Development of Environment (RTIAS-24) on January 22-24 .Oral Presentation **Title –Chrysanthemum Chromosomes in Focus: Investigating Meiotic Changes and Induced Mutations under Gamma Radiation**

Academic Achievements in SU-2023-24

- **Supervised Research Projects, MSc II Semester:** Supervised 7 MSc II semester students in conducting research projects under my guidance, leading to their oral presentations at the RTIAS-24 International Conference.
- **Poster Presentations, RTIAS-24 International Conference:** Mentored MSc II and MSc IV semester students in submitting abstracts and successfully presenting posters at the RTIAS-24 International Conference.
- **Student Mentorship-:** Identified students with a passion for research through keen observation and assigned them research assignments. Delighted by their enthusiasm and self-driven work, reflecting their initiative and fulfillment of their aspirations.

Academic Achievements in Sangam University in 2023-24

- **Inspired by Professor Karunesh Saxena, VC of Sangam:** Participated in a workshop led by Professor Karunesh Saxena, VC of Sangam, advocating for research at the PG level and fostering students' interest in research.
- **Supervised Research work (as assignments):** Guided 7 MSc II semester students in conducting research projects, resulting in their presentations at the RTIAS-24 International Conference.
- **Conference Presentations:** Mentored MSc II and MSc IV semester students in submitting abstracts and presenting posters at the RTIAS-24 International Conference.
- **Student Engagement:** Encouraged student interest in research, following Professor Karunesh Saxena's vision for enhancing research activities at the PG level.

PROFESSIONAL DEVELOPMENT:

Successfully completed following Modules.

(A) MODULES, Provider: Elsevier

1. Course Title: **Thinking numbers in pictures: Data visualization for research Articles Completion Date:** [23 July, 2023]
2. Course Title: **Thinking numbers in pictures: Data visualization for research** [23 July, 2023] Course Title: **How to submit and publish an OA article, Completion Date:** [28 July, 2023]
3. Course Title: **Make your data reusable - It's Not FAIR! Improving Data Publishing Practices in Research** Completion Date: [29 July, 2023]

Description: E-learning modules developed by global experts. Awarded a certificate of completion by Elsevier.

(B) CONFERENCE / WORKSHOP /FDP/ SYMPOSIA ATEENDED

Conferences; - 4 Attended

1. **International Conference** on “Environmental and climatic consequences: challenges and Mitigation Strategies” organized by Department of Science and Technology of Sangam University, Bhilwara on 21-22 Dec.2019. As Attendee.
2. **International Conference** of Analytic and Interdisciplinary Research organized by Sangam University, Bhilwara held on 5-6 February 2021
3. **National Confrence-NCASET-2023** ;National Conference On“ Advances in Science, Engineering and Technology“ Shree Balaji college of Engineering & Technology, Jaipur September 13,2023
4. **National Confrence-NCASET-2023** ;National Conference On“ Advances in Science, Engineering and Technology Shree Balaji College of Engineering & Technology, Jaipur September 13, 2023

(C) WORKSHOPS and Training Programs: 4 workshops attended;-

1. **Workshop cum Training** By E-Cell (IIT-Kharagpur Event) On Recombinant DNA Technology & Genetic Engineering conducted by Sangam University, Bhilwara on Dec.10 Oct.2022
2. **Workshop and Training Program** on **IP Awareness** under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION (NIPAM) on 28 Feb. 2023

3. Workshop on “Research Ethics Tools & Altimetrics” organized by internal quality Assurance Wednesday on 27th July 2023.
4. Workshop on **Mega Skill & Entrepreneurship Training Program** ”Invest in Women, Accelerate Progress ”Nurting Youth ,Empowering Women & Sustaining Future Organized by Laboratory of Public Health Entomology, Department of Zoology, Mohanlal Sukhadia University, Udaipur Rajasthan, India

(D) SEMINAR: 1

National seminar on “**COMMON SENSE \$ITS APPLICATIONS**” on January 5-6, 2024 jointly Organized by Department of Public Administration. Mohanlal Sukhadia University, Udaipur and Internal Quality Assurance (IQAC) & Research Cell Sangam University, Bhilwara.

COLLOQUIUM; 1

Successfully participated in seven days Wildlife Week & International Colloquium on Wildlife Conservation held from 1st to 7th October 2024 Organized by Maharaja Ganga Singh University, Bikaner, Rajasthan, India.

(E) FDPS-4 ATTENDED;-

1. **FDP (Five Days) “NAAC Assessment & Accreditation Framework”** held from 4 to 8 July, 2023 organized by IQAC cell SDM PG College, Bhilwara.
2. **FDP (Five Days) Training Program** on “**STATISTICAL ANALYSIS WITH EXCEL**” organized by RESEARCH FOUNDATION OF INDIA & RFI – CARE from 29 September to 03 October 2023.
3. **FDP (Ten Days) Training Programme on “Exploring Dynamics National Education Policy 2020”** With reference to NAAC perspective organized by RESEARCH FOUNDATION OF INDIA & RFI – CARE from 15 November to 24 November 2023.
4. **FDP (five Days) Training Program on INNOVATIVE TEACHING AND LEARNING PEDAGOGGY**, organized by RESEARCH FOUNDATION OF INDIA & RFI-from 9 January to 13 January 2024.
5. **FDP(Seven Days) FDP/Training Program On “Practical Aspects of ICT Tools & Online Teaching in Current Scenario** “on Wed May 29 - Tue Jun 4, 2024 organized by RESEARCH FOUNDATION OF INDIA & RFI.
6. **UGC-FDP (36 hrs.) MALAVIA MISSION TEACHER TRAINING PROGRAMME** on **NEP 2020- Indian Knowledge System** from 03-07-2024 to 10-07-2023(2;30pm to 8;30PM)

7. **UGs-FDP (1 week) FDP on Molecular Oncology, Infections and Medical, Virology from 15th July .2024 to 21st July,2024** organized by DNA Labs –A centre for Applied Sciences(DLCAS),Dehradun Uttarakhand.
8. **FDP (5DAYS) UGCMMTC on IKS in Modern Education in NEP 2020** perspective held on 16-20 dec 2024

(F) WEBINARS: 3 Webinars attended

1. Webinar on Botany “Response of *Ciceraritrinum L* to Plant Growth Regulators and Mineral Nutritions” Advance Plant physiology and Biochemistry. On 11-12-2023
2. Webinar on Navigating bihar’s Weather Moods; From foggy winters to thunderous summers and beyond-Building Early warning Systems “on 09-12-24. Organized by Department of Physics SOBAS .Sangam university.
3. International Webinar on “Effective Research writing” on 15-12-24 Organized by School of basic Sciences, Department of Chemistry.SU .Resource person was Prof .Gareth Dyke.

(G) SYMPOSIA – 1

1. Attended Symposia on NEP-2020 Implementation @ Sangam university, May 11 , 2024 organized by School of Pharmacy, Sangam University ,Bhilwara

2.Two Days National Symposium on Intellectual Property Rights(IPR) “Patetents and Design Filing”, From 28-29 March, Jointly organized by Research and Development Cell and SOBAS.

(H) EXPERT SESSION SERIES-PRACTICAL APPLICATIONS OF

IOINFORMATICS:GENOMIC ANALYSIS organized by SOBAS, SU from 17 March to 04 April,2025

Other Responsibilities in SU

- As An Assistant Professor/Cancelling and telecommunication done at City Office 1 in 2023-24
- Executed phone calling and counseling responsibilities to support prospective more admission in different courses of University.

- Played a key role in providing information, guidance, and resolving queries, contributing to successful student enrollment –Like M. Sw. BBA.BCA, M.Sc. Botany and M.Sc. Zoology As An Assistant Professor/Cancelling and telecommunication done at **City Office 1 in 2023-24**
- Played a key role in providing information, guidance, and resolving queries, contributing to successful student enrollment –Like M. Sw. BBA.BCA, M.Sc. Botany and M.Sc. Zoology School of Basic and Applied Sciences Sangam University Bhilwara Rajasthan.
- Mentor of BSc III year in 2023-24
- Mentor of BSc I Year in 2024-25

2. MINOR RESEARCH PROJECTS 2023-24 for MSC IV SEMISTER.

- Assigned 7 research projects to students under the Minor Research Project course during MSc IV semester, overseeing the successful completion of all projects.

MRPs in 2023-2024-Total 7; Titles of Dissertation

1. Morphological and Phytochemical Study of *Cassia siamea*- **Ms. Kajal Soni** (2022MSBO0204)
2. Assessment of Plant Disease Survey of Badnor Region Bhilwara District Rajasthan-**Ms. Preeti Regar** (2022MSBO0208)
3. Assessment of pollen fertility in selected flowering plants-**Ms. Kajal Bohra** (2022MSBO0976)
4. Morphological, Anatomical and cytological studies of Members of Asteraceae family. **Kavita Mali** (2022MSBO0205)
5. Karyotype Preparation and Analysis in Vignaradiate-**Urmila Sen** (2022MSBO1266)
6. Utilization of Kitchen Waste for the Production of Organic Fertilizers: A Sustainable Approach - **Diya Jain** (2022MSBO0203)
7. **Kritika Tailor**

MRPs in 2024-2025 Total 5; Dissertations

1. Assessment of suspended particulate matter (spm) adsorption capacity of roadside plants near textile industries of bhilwara for green belt development-**Ram Lal**
2. "Preparation of biofertilizer from kitchen waste and comparative study of its effect on plant growth"-**Suhalia Parveen**
3. Indian indigenous plant in health care : a study of traditional practice of modern application-**Simran palasiya**
4. Cytological and Germination in Cicer arietinum and Vigna radiate-**Simran chundawat**
5. Examination of Chromosomal Characteristics in Some Species of Asteraceae Taxa-**Himanshi Sharma**

MRPs in 2023-2025 Total 12; Dissertations are under my supervision.

MEMBER OF COMMITTEE

1. **Member of Committee-Member of Organizing Committee-RTIAS-2024**
2. **Member of Organizing Committee of Short Term Certificate course on “Practical Applications of Bioinformatics: Genomics Analysis” Organized By Botany department of (SOBAS) School of Basic and Applied Sciences” Sangam University.**

MEMBER OF EDITORIAL BOARD

1. **Advances in Agricultural Technology & Plant Sciences (AATPS)ISSN: 2640-6586**

PERSONAL PROFILE –

Father's Name : Mr. Purshotam Modi (Businessman)

Husband's Name : Mr. Pankaj Bhawariwal (B.Com. LL.B, PGDCA)
Owner at CYBERNETICS (Graphic Designer in Bhilwara from 24 years.)

Date of Birth : 15-06-1978

Gender : Female
Marital Status : Married
Children : 1. Anant Modi (Son)
Preparation of NEET (Akash Institute, Kota) XII.
2. Inaya Modi (Daughter) Appear in IIST.
Nationality : Indian
Language Known : Hindi, English, Regional languages of Bhilwara, Ajmer and Ratlam (MP).

REFERENCES :

Field of Botany

Prof. B.L. Jagetiya

Head of Department of Botany

M.L.V. Gov. College Bhilwara (Raj.)

Contact: 9413056535

Prof. R .C .Verma

(My M.Phil Supervisor)

Retd. HOD of School of studies in Botany ,Ujjain (M.P.)

Retd. VC of Vikram University, Ujjain (M.P.)

Contact: 9926462693

DECLARATION

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

Yours Sincerely

(Dr. Reena Modi)

Date: 23/07/2025

