

The Drive for Research Excellence

Patent -02

- Dr Sushma Gaur- Patent registered on “Millet crop Irrigation and nutrient management device”, Design No. 402141-001 dated 14/12/2023.
- Dr Garima Pundir- Patent published on “Advancements in agriculture: A solar powered remote control vehicle for pesticides and fertilizer distribution” Application No. 20244102203A dated 29 /3/2024.
- **FDP organised - 12**
- Organised one day workshop on ‘Enterprise architecture adoption for higher education institutions’ sponsored by Union Bank of India on 19th August 2023.
- Organised workshop on ‘Traditional contemporary art’ by Visual Arts, Drawing & Painting department on 25th August 2023.
- Organised online two-week Interdisciplinary Refresher course on Environmental science in association with Teaching learning centre, Ramanujan College, University of Delhi, from 29th August to 12th September 2023.
- Organised Faculty enrichment program entitled ‘Literary explorers -Imagine discover’ from 18th to 22nd September 2023.
- Organised Students’ library Induction program on Igniting minds- Explore, Engage Empower and Enrich organised by Library committee under the aegis of IQAC on 5th October 2023.
- Organised to one day workshop on ‘LMS usage guidance’ for faculty members on 4th December 2023 organised by online education LMS cell.
- Organised awareness workshop and Millet Mobile kitchen on Health benefits of millets in routine diet on 9th December 2023 in collaboration with Dr BR Ambedkar College University of Delhi under ICSSR Ministry of Education sponsored project.
- Organised Landscape workshop under Faculty Exchange program on 13th January 2024 by Visual Arts, Drawing and Painting department.
- Organised FDP on Data management and presentation through MS skill word MS Excel in May 2024 in Association with RG PG Computer centre.
- Organised one day online National workshop on MOOCs -A roadmap for learning by Teachers’ Reskilling cell and IQAC on 5th March 2024.

- Organised two days National seminar on holistic approach to healing therapy for body and minds sponsored by up higher education on 19th-20th March 2024.
- Organised two days National conference and exhibition on different techniques and trend with Indian art sponsor by UP State Higher Education Council, Lucknow from 21st to 22nd March 2024.
- **Project going on under R & D Scheme- 05 minor projects**
 - Prof. Amita Sharma, PI, Dr. Garima Malik Co PI- (Botany) ongoing minor project titled “Morphological, Phenological and Biochemical Studies of selected Indian Medicinal Plants” (110000/-) funded by UP State Govt Minor Project under Research and Development Scheme sanctioned on 28.12.2021 for three years.
 - Dr. Garima Pundir, PI, (Zoology) ongoing minor project titled “Therapeutic & Protective role of Spirulina Platensis against heavy metal Cadmium Toxicity in Clarias Batrachus” (2,36,000/-) funded by UP State Govt Minor Project under Research and Development Scheme sanctioned on 30.03.2021 for three years.
 - Prof. Kumkum Pareek, PI, Prof. Neelam Singh, Co-PI (Psychology), ongoing minor project titled “Problem Behaviour Among Adolescents: A Multivariate Study of Paths of Influence, Parenting, Family” (189000/-) funded by UP State Govt Minor Project under Research and Development Scheme sanctioned on 31.03.2022 for three years.
 - Prof. Anit Rathi, PI, (History), Prof. Nivedita Malik, Co-PI ongoing minor project titled “Water conservation techniques in ancient and medieval India with special reference to Uttar Pradesh” (1,78,000/-) funded by UP State Govt Minor Project under Research and Development Scheme sanctioned on 31.03.2022 for three years.
 - Dr. Sushma Gaur, Co-PI, Geography ongoing short term collaborative empirical research project titled “Evaluation of Millets Consumption Pattern in India: (An Empirical Study of Selected Districts of Uttar Pradesh, Uttarakhand, Punjab, Haryana)” (17,50,000/-) funded by ICSSR On 3.10.2023 for six months.

- **Research publications**

- Scopus/WoS/UGC Care list- 10

- Peer reviewed/Refereed- 44

| S. No | Title of paper (With Page No.) | Name of the author/s | Department of the teacher | Name of journal (With Volume No.) | Year of publication | ISSN number | Is it listed in UGC Care list |
|-------|--|--|---------------------------|---|---------------------|------------------------------|--|
| 1 | Assessment of Ocimum canum Sims. essential oil as phyto-preservative against fungal deterioration of vasicine of stored herbal raw materials of Justicia adhatoda L Page No 77-94 | Ashok Kumar, Sanyogita Kumari , Nawal Kishore Dubey | Botany | Journal of Postharvest Technology vol 11(1) | 2023 | 2348-4330 | YES UGC CARE List 1 |
| 2 | Cyanobacteria as a potential bioasset for restoring degraded land | Sunila Hooda, Garima Malik , Poorvi Saini, Ananya Grewal and Vimal Chandra Pandey | Botany | Land Degradation and Development; 34(12) | 2023 | 1099-145X | YES UGC CARE List 2 Scopus |
| 3 | Parent- Child Relationship and Emotional Intelligence: A Literature Review Page No | Pallavi & Dr. Sonika Choudhary | Home Science | Education and Society | 2023 | 2278-6864 | YES UGC CARE List 1 |
| 4 | Oxidation Kinetics of some Lower Oxyacids of Phosphorus by Picolinium Chlorochromate: Determination of Reactive Reducing Species Page No | Dr. Deeksha Yajurvedi , Om Prakash, Anurag Choudhary | Chemistry | French-Ukrainian Journal of Chemistry (2023, Volume 11, Issue 02) | 2023 | 2312-3222 | YES UGC CARE List 2 Web of Science |
| 5 | A survey of traditional medicinal plants in district Hapur, Uttar Pradesh: Treatment of Gyneacological disorders | Prof Amita Sharma, Soniya Rani | Botany | J. Indian bot. Soc. | 2024 | 2455-7218(E) 0019-4468(P) | YES UGC CARE List 1 |

| | | | | | | | |
|-----------|---|--|--------------------|--|------|-----------|--------------------------------------|
| 6 | Biodiversity prospecting for phytoremediation programs intended for utilizing polluted lands and obtaining bioeconomy | Vimal Chandra Pandey, Garima Malik, Madhumita Roy, Abhishek K Srivastava, Sudhir K Upadhyay | Botany | Land Degradation and Development; 35(10) | 2024 | 1099-145X | YES UGC CARE List 2-Scpous |
| 7 | Therapeutic Potential of Spirulina Platensis Against Heavy Metal, Cadmium Sulphate in Histopathology Of Liver Of Clarias Batrachus (Linn) | Dr. Garima Pundir | Zoology | Biochem.Cell.Ar ch , Vol 24, No1 | 2024 | 0972-5075 | YES UGC CARE List 2-Scpous |
| 8 | Bhojpuri lok geeton mein Rasabhiviyakti | Dr.Swati Sharma;Pratihba Kumari | Music | Anhad Lok | 2024 | 2349-137X | YES UGC CARE List 1 |
| 9 | An Analysis of Vedic Period In terms of Physical Activities and Their Symbolism in the Rigveda scriptures | Prof. Bhawna Mittal | Physical education | Educational Administration: Theory and Practice.Vol no 30(1) January 2024. | 2024 | 2148-2403 | YES UGC CARE List 1 |
| 10 | Narad Smiriti Mai Varnit Dayabhag | Dr Poonam | History | Purvadeva | 2024 | 0974-1100 | YES UGC CARE List 1 |
| 11 | Mathura Kala Ek Sankritik Pratimurti | Dr Poonam &Mrs Pooja Dixit | History | Anhad Lok | 2024 | 2349-137X | YES UGC CARE List 1 |

- **Books authored /Edited books - 12**

| Sl. No. | Name of the teacher | Title of the book | National / International | Year of publication | ISBN/ISSN number of the proceeding | Name of the publisher |
|---------|------------------------|--|--------------------------|---------------------|------------------------------------|---|
| 1 | Prof. Nivedita Kumari | Global Crisis and International Relations (Co-Editor) | International | 2024 | 978-1-8384965-1-7 | Britain Book Company, London |
| 2 | Prof. Manju Lata | Bharat mein Mahila Apradh (Author) | National | 2024 | 978-81-19657-25-4 | Rahul Publishing House, Meerut |
| 3 | Prof. Manju Lata | Jansanchaar Madhyam Cinema aur Naari Sashaktikaran (Author) | National | 2024 | 978-81-19657-75-9 | Rahul Publishing House, Meerut |
| 4 | Prof. Manju Lata | Manvadhikar aivam Mahilaon ki Rajnaitik Sahbhagita (Author) | National | 2024 | 978-81-19657-61-2 | Rahul Publishing House, Meerut |
| 5 | Prof. Sonika Choudhary | Global Crisis and International Relations (Co-Editor) | International | 2024 | 978-1-8384965-1-7 | Britain Book Company, London |
| 6 | Prof. Archana Rani | Book-Jammu Shaili Ki Sachitra Pandulipi Ramcharitamanas (Author) | National | 2024 | 978-93-81843-46-8 | Swati Publications, Delhi |
| 7 | Prof. Archana Rani | Bhartiya Pradershan Kala ka Swaroop "Paatchitra" (Author) | National | 2023 | 978-81-923100-7-7 | Drg. & Ptg. Dept., R.G.PG College, Meerut |

| | | | | | | |
|----|-----------------------|---|---------------|------|-------------------|---------------------------------------|
| 8 | Dr.Deeksha Yajurvedi | Rearrangements and Chemistry of Group Elements Bilingual (Co-Author) | National | 2023 | 978-93-5755-284-4 | Thakur Publications Pvt Ltd , Lucknow |
| 9 | Dr.Deeksha Yajurvedi | Rearrangements and Chemistry of Group Elements (Co-Author) | National | 2023 | 978-93-5755-265-3 | Thakur Publications Pvt Ltd , Lucknow |
| 10 | Dr. Babita Maji | Global Green Politics and Women (Editor) | International | 2024 | 978-1-8384965-1-7 | Britain Book Company, London |
| 11 | Dr. Deeksha Yajurvedi | Futuristic trends in Science and Technology (Co-Editor) | National | 2023 | 978-81-964432-2-1 | Mangalam Publications, New Delhi |
| 12 | Prof. Manju Lata | Bhartiya Gramin Uthan mein Sanchaar Saadhano ki Bhoomika (Author) | National | 2024 | 978-81-19657-53-7 | Rahul Publishing House, Meerut |

• Chapters in edited books - 20

| Sl. No. | Name of the teacher | Title of the book | Title of the chapter | National / International | Year of publication | ISBN/ISSN number of the proceeding | Name of the publisher |
|---------|---------------------|--|--|--------------------------|---------------------|------------------------------------|-------------------------------|
| 1 | Prof. Neena Batra | Mental Health in the Digital World (chapter) | Holistic Approach to Healing Therapies for Body & Mind | National | 2024 | 978-81-975026-99 | Aman Publishing House, Meerut |
| 2 | Prof Bhawna Mittal | Exploring the Therapeutic Potential of Bhramari kriya:A Comprehensive Review (chapter) | Holistic Approach to Healing Therapies for Body & Mind | National | 2024 | 978-81-975026-99 | Aman Publishing House, Meerut |

| | | | | | | | |
|----|------------------------|---|---|---------------|------|------------------------|-------------------------------|
| 3 | Mrs. Neha Tandon | Nutrition & Lifestyle | Holistic Approach to Healing Therapies for Body & Mind Holistic Approach to Healing Therapies for Body & Mind | National | 2024 | 978-81-975026-99 | Aman Publishing House, Meerut |
| 4 | Prof. Chhaya Teotia | Global crisis and International Relations | An Insight into the Health Concerns of the Invisible Workers | International | 2024 | 978-1-8384965-1-7 | Britain Book Company, London |
| 5 | Prof. Chhaya Teotia | Women Empowerment Theory And Practice, | Underlining the Obstacles to Women Empowerment: With Special Reference to India | National | 2024 | 978-81-19708-18-5 | ABS Books, New Delhi |
| 6 | Dr Sunita Singh | Global Crisis and International Relations | Psychological Impacts of Covid-19 | International | 2024 | 978-18-38496-51-7 | Britain Book Company, London |
| 7 | Ms. Chitranshi Sharma | Climate change and Environmental sustainable development | Principles of the Fabrication: Synthesis and Application of Highly -Efficient Heterogeneous Photocatalysts for mitigation of various pollutants | National | 2024 | ISBN-971-93-93587-53-4 | SBW Publishers, New Delhi |
| 8 | Ms. Jyoti Dubey | Global Crisis and International Relations | Globalization and Terrorism :Effects and Remedies | International | 2024 | 978-1-8384965-1-7 | Britain Book Company, London |
| 9 | Prof. Sonika Choudhary | The Impact of Healthy Lifestyle Patterns on Mental Health of Adults | Holistic Approach to Healing Therapies for Body & Mind | National | 2024 | 978-81-975026-99 | Aman Publishing House, Meerut |
| 10 | Prof Rajani Srivastava | Global Crisis and International Relations | Understanding women's health: An Overview | International | 2024 | -- | Britain Book Company, London |
| 11 | Dr.Kumkum Pareek | Global Crisis and International Relations | Psychological percepts of human nature regarding war | International | 2024 | 978=1-8384965 | Britain Book Company, London |

| | | | | | | | |
|----|------------------------------------|---|---|----------------|------|-------------------|--|
| | | | | | | | |
| 12 | Prof. Archana Rani | Rangbhumi Kala Sanskriti V sahitya ke vibhinn aayam | Artistry Unfolded: A Journey through Madhya Pradesh's Handicrafts | National | 2023 | 978-81-962380-3-2 | Rashi Print-o Pack, Muzaffar nagar |
| 13 | Prof. Archana Rani | Madhya Pradeshs' handicraft and handloom | Threads of Tradition: Exploring Madhya Pradesh's Handloom Heritage | National | 2023 | 978-81-967555-5-3 | Granthaal ayah Publicatio ns and Printers, Indore MP |
| 14 | Prof.Mamta Upadhyay | Mental Health in the Digital World | Holistic Approach to Healing Therapies for Body &Mind | National | 2024 | 978-81-975026-99 | Aman Publishing House, Meerut |
| 15 | Prof. Bhawna Mittal/ Prabhat yadav | The role of genetics in personalized nutrition and Dietary Recommendation s | Holistic Approach to Healing Therapies for Body &Mind | National | 2024 | 978-81-975026-99 | Aman Publishing House, Meerut |
| 16 | Prof .Bhawna Mittal | Global Crisis and International Relations | From prevention to treatment: A Comprehensive look at Global Cancer | Internatio nal | 2024 | 978-1-8384965-1-7 | Britain Book Company, London |
| 17 | Dr.Shashi Bala | Environment modelling for sustainable development | Polluted water and human health | National | 2024 | 978-81-19757-18-3 | Bharti Publicatio ns, New Delhi |
| 18 | Prof. Manju Lata | Global Crisis and International Relations | Global Crisis and Impact on International Relations | Internatio nal | 2024 | 978-18-38496-51-7 | Britain Book Company, London |
| 19 | Prof. Neelam | Global Crisis and International Relations | Empowering Women: Defining Theorizing, and Practicing Empowerment | Internatio nal | 2024 | 978-1-8384965-1-7 | Britain Book Company, London |
| 20 | Prof. Neelam | Global Crisis and International Relations | Women Empowerment | Internatio nal | 2024 | 978-1-8384965-1-7 | Britain Book Company, London |

