

## FACULTY PROFILE



**Name:** Dr. Arun Mittal

**Designation:** Professor

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**Professional Qualification:**

- M.Pharm (Pharmacognosy), Ph.D.

**Publications:** (28)

- Simran Aneja, Neerupma Dhiman, Arun Mittal, Bhupesh Sharma (2023). Deeper insights into pharmacognostic, phytochemical, ethnobotanical, and pharmacological perspectives of *Jasminum auriculatum*. Eur. Chem. Bull. 12(S5), 954-961, Impact Factor:0.65.
- K. Yadav, A. Mittal, N. Dhankhar, A. Sudha, Dharmendra Singh, Manisha Singh, S. Kaushik (2023). A comparative research on the effects of different *Allium sativum* bulbs extracts on alloxan induced diabetes mellitus. Eur. Chem. Bull. 12(S3), 1854-1860, Impact Factor:0.65.
- Neelam Kumari, Arun Mittal, Arpana Rana (2022). An updated review on phytoconstituents of Anxiolytic activity: Clinical significance and therapeutic efficacy. Journal of Pharmaceutical Negative Results, Impact Factor:0.65.
- Arun Mittal, Rupali Sharma, Satish Sardana, Parveen kumar Goyal, Mona Piplani, Anima Pandey (2022). A Systematic Review of updated mechanistic insights towards Alzheimer's disease. CNS & Neurological Disorders Drug Targets. Peer Reviewed, Impact Factor:4.388

- Rupali Sharma, Kavita Sapra, Arun Mittal, Satish Sardana. (2021) Cubosomes: A nano carrier-based drug delivery system for next generations. SPAST Journal , Peer reviewed
- Pandey A, Mittal A, Sardana S. (2019) Scientific validation of Wound healing potential of *Jasminum sambac* Ait. South African Journal of Botany, 121: 584-589, Impact factor : 1.5
- Shahnaz S, Mohammed A, Showkat R M, Mittal A. (2019) Isolation and characterization of chemical constituents from the leaves of *Ageratum conyzoides* Linn. and *Jasminum sambac* (L.) Sol. and fruits of *Pyrus communis* Linn. European Journal of Biomedical and Pharmaceutical Sciences, 6(5), 350-358.
- Mittal A, Shahnaz S, Mohammed A, Showkat R M. (2018) Analysis of spectral data of the chemical constituents from the leaves of *Jasminum grandiflorum* L., *Achyranthes aspera* L. and *Tinospora cordifolia* (Willd.) Miers. Eurasian Journal of Analytical Chemistry.13(5): em 43, Impact factor : 0.4
- Pandey A, Mittal A. (2017) A review on wound healing. Journal of Pharmaceutical Research.1 (4): 1-3
- Mittal A, Sardana S, Pandey A. (2016) Evaluation of wound healing, antioxidant and antimicrobial efficacy of *Jasminum auriculatum* Vahl. leaves. Avicenna Journal of Phytomedicine.6 (3): 295-304, Impact factor : 1.38.
- Mittal A, Sardana S, Pandey A. (2015) Phytopharmacological Profile of *Jasminum grandiflorum* Linn. (Oleaceae). Chinese Journal of Integrative Medicine. 1-10, Impact factor : 1.44.
- Mittal A, Sardana S, Pandey A. (2015) Experimental wound healing aspects of *Jasminum grandiflorum* Linn.: A preclinical study. African Journal of Traditional and Complementary Medicine. 12(3): 135-142, Impact factor : 0.5.
- Mittal A, Sardana S, Pandey A. (2015) Pharmacognostical standardisation of *Jasminum sambac* Ait. (Oleaceae) leaves. Der Pharmacia Lettre. 7 (2): 65-70.
- Mittal A, Sardana S, Pandey A. (2015) Pharmacognostical Profiling of *Jasminum grandiflorum* Linn. Leaves. International Journal of Phytomedicine. 7: 100-105.
- Mittal A, Sardana S, Pandey A. (2015) Pharmacognostic and physiochemical standardization of *Jasminum auriculatum* Vahl. leaves. Der Pharmacia Lettre. 7(10): 178-184.

- Mittal A, Goyal P, Kumar R, Pandey A. (2015) Evaluation of herbal formulation PACT for wound healing potential. *Der Pharmacia Lettre*. 7 (12): 89-93.
- Mittal A, Sardana S, Pandey A. (2013) Herbal boon for wounds. *International Journal of Pharmacy and Pharmaceutical Sciences*. 5 (2): 1-12.
- Mittal A, Pandey A, Gupta A K, Sardana S. (2012) Antimicrobial activity of leaves of *Cassia occidentalis*. *Linn. Int. R. J. Pharm. Sci*. 3(1): 27-28.
- Mittal A, Sardana S, Pandey A. (2011) Ethnobotanical, Phytochemical and Pharmacological Profile of *Jasminum sambac* (L.) Ait. *Journal of Pharmaceutical and Biomedical Sciences*. 11(5): 1-7.
- Mittal A, Sardana S, Pandey A. (2011) *Jasminum auriculatum*- An overview. *International Journal of Pharmaceutical Innovations*. 1(4): 30-35.
- Mittal A, Bansal M, Aggarwal S, Gupta A K, Sardana S. (2011) Pharmacognostic evaluation of roots of *Psidium guajava* Linn. *International Journal of Pharmaceutical Innovation* 1(1): 1-10.
- Mittal A, Sharma A, Aggarwal S, Gupta A K, Sardana S. (2011) Pharmacognostic and phytochemical evaluation of roots of *Eclipta prostrata*. *Journal of Pharmacy Research* 4(6): 1673-1674.
- Mittal A, Sharma A, Aggarwal S, Gupta A K, Sardana S. (2011) Pharmacognostic and phytochemical evaluation of leaves of *Eclipta prostrata*. *International Journal of Pharmaceutical Innovation* 1(2): 1-11.
- Mittal A, Verma H, Mittal S, Goyal S. (2011) Anti diarrhoeal activity of ethanolic extracts of *Celosia argentea* Linn. *International Journal of Pharmaceutical Innovation* 1(2): 51-58.
- Mittal A, Goyal P, Kumar R. (2011) Fundamentals of Patent filing in India. *International Journal of Pharmaceutical Innovation* 1(3): 64-76.
- Mittal A, Sharma A, Aggarwal S, Gupta A K, Sardana S. (2011) Evaluation of anti inflammatory activity of roots of *Eclipta prostrata* Linn. (Asteraceae). *International Journal of Pharmaceutical Sciences and Research* 2(10): 2665-2668.
- Mittal A, Sharma A, Aggarwal S, Gupta A K, Sardana S. (2011) Evaluation of anti inflammatory activity of roots of *Eclipta prostrata* Linn. (Asteraceae). *Journal of Pharmacy Research* 4(9): 2888-2890.

- Mittal A, Aggarwal S, Gupta A K, Sardana S. (2011) Acute toxicity and diuretic studies of leaves of *Cassia occidentalis* Linn. Journal of Pharmacy Research 4(9): 3042-3043.

**Presentation: (18)**

- Kamica Yadav., Mittal A., Goyal, P.K., presented a poster on Comparative study of different extract of *Allium sativum* bulbs on diabetes induced cardiac injury in international conference and exhibition (SPER 2022) under the theme “Digital health Landscape in India- The need of hour” on 18 &19 Nov. 2022 in Vivekanand University Jaipur, Rajasthan.
- Khurana, S., Mittal A., Goyal, P.K., presented a poster on Anticancer Herbal Hydrogel: A New Approach” in in international conference and exhibition (SPER 2022) under the theme “Digital health Landscape in India- The need of hour” on 18 &19 Nov. 2022 in Vivekanand University Jaipur, Rajasthan.
- Neelam Kumari, Arun Mittal, Arpana Rana, presented a poster on Herbal Boon for Anxiety in international conference and exhibition (SPER 2022) under the theme “Digital health Landscape in India- The need of hour” on 18 &19 Nov. 2022 in Vivekanand University Jaipur, Rajasthan.
- Kamica, Arun Mittal, Parveen Goyal., presented a poster on *Delonix regia*: A review of potential therapeutic effects in national conference on Novel Perspective in Green Synthesis and Clinical Research on 17<sup>th</sup> May 2022 in Maharaja Agrasen School of Pharmacy, Maharaja Agrasen University, Solan.
- Neelam Kumari, Arun Mittal, Satish Sardana, Arpana Rana, presented a poster on Anxiety Disorder and its Management in national conference on Novel Perspective in Green Synthesis and Clinical Research on 17<sup>th</sup> May 2022 in Maharaja Agrasen School of Pharmacy, Maharaja Agrasen University, Solan.
- Sangeeta, Neelam, Arun Mittal, presented a poster on Versatile Stone Breaker (*Phyllanthus*) in national conference on Innovation, Startups and Entrepreneurship on 15<sup>th</sup> -16<sup>th</sup> April 2022 in Panipat Institute of Engineering & Technology, Samalkha.
- Suman Khurana, Arun Mittal, Rupali Sharma, Parveen Kumar Goyal, presented a poster on Herbal Drugs: A Hope for Green Anticancer in national conference on Approach Novel Perspective in Green Synthesis and Clinical Research on 17<sup>th</sup> May 2022 in Maharaja Agrasen School of Pharmacy, Maharaja Agrasen University, Solan.

- Presented oral presentation during expert talk on 15<sup>th</sup> February 2022 in Maharaja Agrasen University, Solan on the topic “Role of Biomarkers in Standardization of Herbal Products”.
- Presented oral presentation in 25<sup>th</sup> National Convention of Society of Pharmacognosy & International Conference on New Horizons of Natural Products and Ayush Remedies (27<sup>th</sup> -28<sup>th</sup> November 2021) on the topic entitled: “Wound Healing Efficacy of *Jasminum mesnyi* Hance.” in Gujarat Technological University Gujarat.
- K. Yadav, A. Mittal, S. Sardana, R. Gupta., presented a poster on A potential of different extracts of *Allium sativum* bulbs on alloxan induced diabetes mellitus in international conference on Technologies for smart green connected society 2021 on 29<sup>th</sup> -30<sup>th</sup> November.
- Presented a poster in National seminar on Emerging Trends in Pharmaceutical Education & Research (01<sup>th</sup> April 2015) on the topic entitled: “Future of Herbal Drugs.” in Hindu College of Pharmacy, Sonapat, Haryana, India.
- Presented a poster International conference on International Multi Track Conference On Science, Engineering and Technical Innovations (3<sup>rd</sup> & 4<sup>th</sup> June 2014) on the topic entitled: “Wound healing, antioxidant and antimicrobial potential of *Jasminum sambac* Ait.” in CT Institute of Engineering, Management & Technology, Jalandhar, Punjab, India.
- Presented a poster in Annual conference of Society of Pharmaceutical Education & Research on Recent Trends in Pharma Industry: Bridging the Gaps in Pharmaceutical Education (08<sup>th</sup> March 2014) on the topic entitled: “Wound healing potential of *Jasminum auriculatum* Linn.” in Lovely School of Pharmaceutical Sciences, Phagwara, Punjab, India.
- Presented a poster in Annual conference of Society of Pharmaceutical Education & Research on NexGen Health Care Scenario: Innovative Research Endeavor in Pharmaceutical Sciences for Better Patient Compliance (09<sup>th</sup> March 2013) on the topic entitled: “Comparative Pharmacognostical Evaluation of three *Jasminum* species” in Jamia Hamdard University, New Delhi, India.
- Presented a poster in Annual conference of Society of Pharmaceutical Education & Research on Pharma Vision: Raising awareness towards recent advancement in

pharmaceutical research (23<sup>rd</sup> June 2012) on the topic entitled: “Phytochemical and Physiochemical screening of *Viola odorata*” in Delhi Institute of Pharmaceutical Sciences and Research, New Delhi, India.

- Presented a poster in National seminar on Emerging Trends in Pharmaceutical Research (09<sup>th</sup> & 10<sup>th</sup> April 2010) on the topic entitled: “Pharmacognostic evaluation of leaves of *Cassia occidentalis* Linn.” in Hindu College of Pharmacy, Sonapat, Haryana, India.
- Presented a poster in International conference on Innovative Technologies: Research and Development in Science, Technology and Management (18<sup>th</sup> -19<sup>th</sup> June 2009) on the topic entitled: “Recent developments in Pharmaceuticals.” in PDM College of Engineering, Bahadurgarh, Haryana, India.
- Presented a poster in National seminar on Innovations in Drug Discovery and Research (03<sup>rd</sup>- 5<sup>th</sup> March 2009) on the topic entitled: “Pharmacognosy and Phytochemical evaluation of seeds of *Cassia occidentalis* Linn. ” in Punjabi University, Patiala, Punjab, India.

#### **Symposium, Workshops and QIP Attended: (16)**

- Adesh University sponsored online Workshop on “Artificial Intelligence in New Molecular Discoveries” from 27<sup>th</sup> – 29<sup>th</sup> April, 2023 organized by Centre for Interdisciplinary Biomedical Research, Adesh University Bathinda.
- Integral University sponsored online Professional development Programme on “Strategies to overcome challenges in Drug Development” from 12<sup>th</sup> – 17<sup>th</sup> December, 2022 organized by Integral University Lucknow.
- IFTM University sponsored online Faculty development Programme on “Recent advancement in Pharmaceutical discoveries and developments” from 16<sup>th</sup> – 21<sup>th</sup> August, 2022 organized by IFTM University Moradabad.
- Amity University sponsored online Faculty development Programme on “Futuristic Intervention in Biotechnology; The Road Map A Head” from 04<sup>th</sup> – 08<sup>th</sup> July, 2022 organized by Amity University Chhattisgarh.
- Amity University Gurugram sponsored workshop and training series on “ Intellectual Property Rights” on 21<sup>st</sup> April, 2022 organized by Amity University Haryana.

- Amity University Gurugram and Medanta Institute of Education and Research sponsored symposium on “ Good Microbiome, Probiotics and Good Health- The Evidence Gets Stronger” from 05<sup>th</sup> – 06<sup>th</sup> March, 2022 organized by Gut Microbiota and Probiotic Science Foundation India.
- Maharaja Agrasen University and Tynor Orthotics Pvt. Ltd. sponsored online workshop on “Industrial Aspects of Academia- Filling the Gap between Academia and industry” from 14<sup>th</sup> – 18<sup>th</sup> Feb. 2022, organized by Maharaja Agrasen School of Pharmacy, Solan.
- Amity University sponsored online Faculty development Programme on “Best Practices in Innovation, Entrepreneurship and Intellectual Property Rights in Pharmaceutical Sector: Prospective Trends” from 05<sup>th</sup> – 09<sup>th</sup> July, 2021 organized by Amity University Uttar Pradesh.
- IEC sponsored Faculty development Programme on “Teaching -learning and Research Perspectives in HEI’s” from 28<sup>th</sup> June– 07<sup>th</sup> July, 2021 organized by IEC University, Baddi.
- Amity University sponsored online Faculty Enrichment Programme on “21<sup>st</sup> Century Skills for University Teachers” from 21<sup>st</sup> – 26<sup>th</sup> June, 2021 organized by Amity University Haryana, Gurugram, Manesar.
- Workshop on “Basis of Spectroscopic Tools” on 16<sup>th</sup> – 22<sup>th</sup> June, 2021 organized by Amity University Haryana, Gurugram, Manesar.
- ISTE-PTU Sponsored Faculty development Programme on “Innovations in Pharmaceutical and Chemical Technology” from 10<sup>th</sup> – 14<sup>th</sup> June, 2014 organized by Chandigarh College of Pharmacy, Landran, Mohali.
- AICTE sponsored Quality Improvement Programme on “Recent innovations in Drug Delivery: Addressing the Bioavailability Problem” from 11<sup>th</sup> – 24<sup>th</sup> June, 2013 organized by Birla Institute of Technology, Mesra, Ranchi.
- AICTE sponsored Quality Improvement Programme on “Newer Perspectives in Ethnopharmacological Research” from 27<sup>th</sup> May – 10<sup>th</sup> June, 2013 organized by Birla Institute of Technology, Mesra, Ranchi.
- Workshop on “Modern Analytical Techniques and Formulation Development Guidelines for Nanotechnological Products” on 7<sup>th</sup> – 8<sup>th</sup> November, 2012 organized by School of Pharmaceutical Sciences, Apeejay Styra University, Gurgaon.

- AICTE sponsored Quality Improvement Programme on “Recent Developments in Phytopharmaceutical Research” from 15<sup>th</sup> – 28<sup>th</sup> March, 2010 organized by JSS College of Pharmacy, Ootacamund, Tamilnadu.

**Resource Person:**

- Resource person in International Conference cum Researcher’s Submit-2021 on Research and Development in Pharmaceutical Sciences Updates and Perspective organized by IEC University on 10-11 September 2021.
- Delivered a expert talk in National Conference titled Industrial Aspects of Academia-Filling the Gap between Academia and Industry on Role of Biomarkers in Standardization of Herbal Products in Maharaja Agrasen University, Solan

**Awards:**

- Young Scientist Award in the conference organized by Career Point School of Pharmacy, CPU Kota, Rajasthan on 04 March 2022.
- Research Excellence Award in the conference organized by R B Sciences, Bhopal on 19 September 2022.

**Patents:**

- 03 (Filed)
- 03 (Published)

**Books:**

- 01: Basic Principle of Ayurveda, (Published)
- 01: Futuristic Trends in Pharmacy and Nursing (in press)

**Book chapters:**

- Published: 02
- Communicated: 3

**Work Experience:**

23.5 Years

**Professional Memberships:**

- Association of Pharmaceutical Teachers of India
- Society of Pharmacognosy



- In pharm. Association
- Indian Pharmacy Graduate Association
- Society of Pharmaceutical Education and Research

**Mentor:**

- Ph.D. 04 (Enrolled)
- M. Pharm: 04 (Awarded)
- B. Pharm: 15 (Project work)