

# Curriculum Vitae

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PROFESSOR,  
DEPARTMENT OF PHARMACOGNOSY & PHYTOCHEMISTRY  
SCHOOL OF PHARMACEUTICAL EDUCATION AND RESEARCH (SPER)  
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## EDUCATION

Degree	University/Subject	Year
PhD	Jamia Hamdard, Pharmacognosy & Phytochemistry Title: 'Tissue Culture Studies on a Medicinal Plant'	2002
MPharm	University of Delhi Pharmacognosy & Phytochemistry	1986
BPharm	University of Delhi Pharmaceutical Sciences	1984
BSc	University of Delhi Life Sciences	1979

## TEACHING/INDUSTRY EXPERIENCE

Designation	Institute	Time-Span
PROFESSOR	JAMIA HAMDARD	2009-PRESENT
ASSOCIATE PROFESSOR	JAMIA HAMDARD	2006-2009
READER	JAMIA HAMDARD	2003-2006
SENIOR LECTURER	JAMIA HAMDARD	1998-2003
LECTURER	JAMIA HAMDARD	1992-1998
LECTURER (PART-TIME)	DIPSAR	1998-1991
PRODUCTION MANAGER	BAKSON HOMOEOPHARMACY PVT. LTD.	1996-1998

## ADMINISTRATIVE APPOINTMENTS

Designation	Department/Section	Time-Span
DEAN	School of Pharmaceutical Education and Research (SPER)	2021-2023
HEAD	Pharmacognosy & Phytochemistry, (SPER)	2017-2020
PROGRAM COORDINATOR	Food Technology, School of Engineering & Interdisciplinary Science & Technology (SEIST)	2011-2015
PROGRAM INCHARGE	IGNOU at Programme Study Center 07173(P), Jamia Hamdard for 03 programs: DMT, PGDFSQM, PGFST	2013-2015
PRESIDING OFFICER	Internal Complaints Cell (ICC)	2021-22 2024-Present
CHAIRPERSON	Equal Opportunity Cell (EOC)	2023-Present
CHAIRPERSON	House Allotment Committee	2023-Present
EDITOR	University Newsletter	2000-2005 2021-Present
CHAIRPERSON	Jamia Hamdard Relief and Welfare Fund (JHRWF)	2022-Present
CHAIRPERSON	AAA(Students Support Services)	2024-Present
CHAIRPERSON	PharmD Programme, SPER	2023-Present
CHANCELLOR'S NOMINEE (MEMBER)	Jamia Hamdard Society	2022-2025
CHAIRPERSON	CAS Committee (Promotion from stage 4-5)	2021-Present
MEMBER	Board of Management (BoM)	2023
CHAIRPERSON	School Level Academic Integrity Panel (SLAIP)	2021-2023

## RESEARCH EXPERIENCE

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### FIELDS OF SPECIALIZATION

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- Identity of Crude powdered botanicals/substitutes/adulterants by Analytical Microscopy
- Development of Phytopharmaceuticals
- Translational Ayurveda
- Microbial enhancement of secondary metabolites

### PROJECTS FUNDED

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- 2011: Bioactivity guided fractionation of extracts of hepatoprotective and immunomodulatory medicinal plants by NMPB, Rs 59.99 lakh, Department of AYUSH, Ministry of Health and Family Welfare, Govt. of India.
- 2012: Identification and Characterization of Novel Pharmacophores from Asokarista and probing the role of fermentation on chemical constituents of Ashoka bark under Women Scientists scheme-A (WOS-A), DST, 20.00 lakh
- 2019: Development of IT Tool for identity of Crude Powdered Botanicals through Analytical Microscopy By DBT, BIRAC PACE (AIR), Govt. Of India, 42.20 lakh
- 2018-2023: Establishment of Cell Culture facility, UGC/DRS-II (SAP-II), 2018-2023, 130.50 lakh plus PF actual
- 2018-2023: Drugs and Nutraceuticals from Natural Resource, DST-FIST, 86.00 lakh
- 2019: Establishment of HPLC facility for Development of Phytopharmaceuticals, MODROB, AICTE, 12.00 lakh

## PUBLICATIONS

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### BOOKS

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- Powdered Crude Drug Microscopy of Leaves and Bark (2019) Vidhu Aeri, DB Anantha Narayana, Dharya Singh, published by Elsevier: Paperback ISBN: 9780128180921, eBook ISBN: 9780128182253; Page Count: 332
- Phytopharmacological Studies on the leaves of *Solanum nigrum* Linn. (2017) Rajkumari Kataria, Meenakshi Sharma and Vidhu Aeri, Lambert Academic Publishing; ISBN: 9786202014724; Page Count 144.
- Pharmaceutical Biotechnology- Basics and Applications (2008) Deepshikha Pande, Altaf Ahmad, Vidhu Aeri, published by Capital Publishing Company, Ansari Road, Daryaganj, New Delhi; ISBN: 8185589593; Page Count: 331
- Practical Pharmacognosy (2009) Saroja Joshi and Vidhu Aeri, published by Frank Brothers & Co. Ltd., Ansari Road, Daryaganj, New Delhi. ISBN. 9788184095883; Page Count: 335

### BOOK CHAPTERS

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- Praveen Neha, Aeri Vidhu, Almalki HW, Sahebkar Amirhossein, Kesharwani Prashan (2023) Conclusion and Future perspectives of phytonanotechnology in Advances in Phytonanotechnology for Various Diseases, edited by Edited By Prashant Kesharwani, Virendra Gajbhiye Taylor and Francis Group, CRS press
- Rout Smruti Rekha, Kenguva Gowtham, Sharma Deepika, Sahebkar Amirhossein, Aeri Vidhu, Kesharwani Prashant, Dandela Rambabu() **Gene therapy using PLGA nanoparticles** in Poly (Lactic-CO-

Glycolic Acid)(PLGA) Nanoparticles for Drug Delivery, edited by Prashant Kesharwani, Elsevier: 393-414

- Sheikh Afsana, Hasan Nazeer , Aeri Vidhu, Sahebkar Amirhossein , Kesharwani Prashant (2023) Gene Delivery in Controlled Novel Drug Delivery: 569-592
- Dogra Nitu , Mishra Savita , Jakhmola Mani Ruchi , Aeri Vidhu , Pande Deepshikha (2021) **Pharmacodynamic biomarker for hepatocellular carcinoma: model-based evaluation for pharmacokinetic–pharmacodynamic responses of drug** in Translational Biotechnology, Academic Press Science Direct; Elsevier: 311-325
- Aeri Vidhu, Mishra Shikha (2020) **Scientific Validation of Aristas** in Herbal Medicine in India, Indigenous Knowledge, Practice, Innovation and its Value **by** S. Sen, R. Chakraborty (eds.), Springer Nature Singapore Pte Ltd. 2020 581 ISBN 978-981-13-7247-6 ISBN 978-981-13-7248-3 (eBook): 581-589
- Aeri Vidhu, Richa Raj (2020) **Medicinal Properties of Bitter Gourd: Bioactives and their Actions** in The Bitter Gourd Genome by Kole, Chittaranjan, Matsumura, Hideo, Behera, Tusar Kanti (Eds.) ISBN 978-3-030-15062-4, Springer: 33-44
- Aeri Vidhu, Sindhwani Gulshan, Ilyas UK (2014) **Microbial Transformation of Phenyl Propanoid Compounds to Vanillin**, in Current Trends in Medicinal Botany, book edited by Muhammad Iqbal and Altaf Ahmad, published by I.K. International Publishing House Pvt. Ltd., S-25, Green Park Extension, New Delhi; ISBN 978-93-82332-50-3:239-257
- Pande D, Bhargava S, Aeri V (2008) **Enhancement of Secondary Metabolites by Elicitation and Metabolic Engineering** in Plant Tissue Culture, Molecular Markers and their Role in Crop Productivity, book edited by Prof Ashwini Kumar and Prof NS Shekhawat, published by IK International Publishers, New Delhi
- Aeri V, Pande D, Chakraborty GS (2008) **Propagation of *Chlorophytum borivilianum* San. and Fern.- A Review** in Plant Tissue Culture, Molecular Markers and their Role in Crop Productivity, book edited by Prof Ashwini Kumar and Prof NS Shekhawat, published by IK International Publishers, New Delhi
- Aeri V (2007) **Principles of Classification of Plants**, E-chapter under NISCAIR Project, Govt. of India
- Pande D, Aeri V (2007) **Metabolic Engineering for Stress Tolerant Plants** in Plant Physiology Current Trends, book edited by Prof Pravin C Trivedi, Head , Department of Botany, University of Rajasthan, Jaipur-302004. Pointer Publishers, 807, vyas building, Chaura Rasta, Jaipur 302003 (Rajasthan). ISBN 978-81-7132-522-1:120-134
- Aeri V, Zafar R, Ahmad S, Khan PI (2006) **HPTLC Finger Print of *Phyllanthus niruri* Linn. and some polyherbal formulations** in Traditional Systems of Medicine, edited by Abdin MZ and Abrol YP, Narosa Publishing House, New Delhi: 164-168

## POPULAR ARTICLES/REVIEWS

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- Zafar R, Aeri V, Dutta A (1992) Application of Plant Tissue Culture and Cell Culture for the production of Secondary Plant Metabolites, Fitoterapia, Vol. LXIII (1): 33-37
  - Zafar R, Aeri V (1992) Studies on Excised Root Culture- A Review, Hamdard Medicus, Vol. XXV (2): 17-25
  - Pande D, Pahwa S, Aeri V (2004) Recent Progresses and Prospects in DNA Vaccines: A Review, J of Science and Pharmacy, 5 (4):132-142
  - Zafar R, Aeri V (2004) *Artemisia annua* Linn. A Review, Hamdard Medicus, XLVII (3): 41-61
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**2023**

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- Patil Shital, Imran M, Robert SMJ, Aeri V (2023) Standardization of *Euphorbia tithymaloides* (L.) Poit. (Root) by Conventional and DNA Barcoding Methods. *ACS Omega* 2023, 8, 32: 29324–29335
- Robert SMJ, Aeri V (2023) *Leptadenia reticulata* (Retz) Wight and Arn (Apocynaceae): An Insight into its Overview on Botany, Phytochemistry, Pharmacology & Ethnopharmacological Properties, Marketed Formulation and Toxicity studies. *Eur. Chem. Bull.* 2023, (Special issue 9):2944-2970
- Robert SMJ, Aeri V (2023) Development and validation of high-performance thin-layer chromatography method for simultaneous estimation of  $\alpha$ -Amyrin, Betulin, and  $\beta$ -Sitosterol in *Leptadenia reticulata* and *Marsdenia tenacissima*. *Sep Sci plus.* 2023;2300092:1-11
- Tanya Ralli, Zoya Saifi, Amita Kumari, Vidhu Aeri & Kanchan Kohli (2023) In-silico, in-vitro and ex-vivo evidence of combining silymarin phytopharmaceutical with piperine, and fulvic acid for enhancing its solubility and permeability. *Pharmaceutical Development and Technology*:1-17
- Singh S, Aeri V, Sharma V (2023) Encapsulated natural pigments: Techniques and applications. *Journal of Food Process Engineering* 46(12): e14311
- Ralli T, Tripathi T, Kalaiselvan V, Tiwari R, Aeri V, Kohli K (2023) Silymarin as a Phyto-pharmaceutical: Isolation, Simultaneous Quantification of four Biomarkers and in-silico Anti-inflammatory Activity. *Chinese Journal of Analytical Chemistry* 51(3):100174
- Ralli T, Saifi Z, Rathee A, Aeri V, Kohli K (2023) Decoding the bidirectional relationship between gut microbiota and COVID-19. *Heliyon* 9(3):e13801
- Imran M, Robert SMJ, Sharma M, Aeri V (2023) Evaluation of *Sida cordifolia* and *Sida rhombifolia* extracts in a rat model of streptozotocin-induced diabetic nephropathy. *Polimery w Medycynie* 53(1):7-18

**2022**

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- Kaur J, Verma M, Panda BP, Aeri V (2022) Enhancement of mangiferin by fungal endophytes isolated from *Salacia chinensis* L. and *Salacia oblonga* Wall. *Indian Journal of Experimental Biology* (IJEB) 60(10):781-788
- Imran M, Patil SP, Abourehab MA, Aeri V, Kesharwani P (2022) Quality by design-based optimization of Soxhlet extraction and identification of ephedrine by a HPTLC method for *Sida rhombifolia* and *Sida Cordifolia*. *Biomedical Chromatography* 36(12):e5479
- Rahman Z, Aeri V (2022) Enhancement of lutein content in *Calendula officinalis* Linn. By solid-state fermentation with lactobacillus species. *Journal of Food Science and Technology* 59(12):4794-4800
- Yadav K, Gupta T, Aeri V (2022) High performance thin layer chromatography based chemo profiling of Ashvagandharishta and its antidepressant activity. *Journal of Chromatography B* 1204:123334
- Tulsi JR, Vidhu A (2022) Marker-based standardization of *Terminalia arjuna* bark for the detection of probable adulterants by quantitative high-performance thin-layer chromatography. *JPC–Journal of Planar Chromatography–Modern TLC* 35(2):169-179
- Tripathi G, Aeri V (2022) Science Behind Ghrita-The Lipid-Based Ayurvedic Formulations. *Clin Case Rep Int* 6:1375
- Ralli T, Saifi Z, Tyagi N, Vidyadhari A, Aeri V, Kohli K (2023) Deciphering the role of gut metabolites in non-alcoholic fatty liver disease. *Critical Reviews in Microbiology* 49(6):815-833

- Goel P, Aeri V (2022) Optimization of fermentation variables for Ayurvedic formulation, Drakshasava by Response Surface Methodology and its marker based validation studies. Indian Journal of Traditional Knowledge (IJTK) 21(4):744-753
- Goel P, Aeri V (2022) Sandhana Kalpana: An Ayurvedic Dosage form and need for the Standardization: International Journal of Pharmaceutical Sciences and Research.

## 2021

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- Dogra N, Nagpal D, Aeri V, Ahmad S, Pande KD (2021) Evaluating the synergistic effect of *Mucuna prurines* extract and sesame oil against the Parkinson's disease zebrafish model: in-vivo/in-silico approach. All Life 14(1):1022-1042
- Goel P, Aeri V, Dewangan, R P, Rub R A (2021) Biomarker Analysis Based Chemoprofiling of Polyherbal Ayurvedic Formulation Containing Vitis vinifera L. by Validated UPLC-MS/MS Method. Combinatorial Chemistry & High Throughput Screening 24(10):1784-1794

## 2020

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- Prerna, Aeri V (2020) Physicochemical and marker based optimization of fermentation process of Drakshasava, an Ayurvedic polyherbal formulation.
- Prerna, Aeri V (2020) Fermentation-A Green Herbal Extraction Process for Polyphenols. Biomedical Journal of Scientific & Technical Research 31(4):24391-24392

## 2019

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- Sharma G, Ashhar, MU, Aeri V, Katare DP (2019) Development and characterization of late-stage diabetes mellitus and-associated vascular complications. Life sciences 216:295-304
- Ilyas UK, Katare DP, Aeri V (2019) Densitometric validation of phyllanthin, oleanolic acid, and betulinic acid in Phyllanthus maderaspatensis linn by high-performance thin layer chromatography. Pharmacogn Mag 14(15):213-226

## 2018

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- Singh D, Aeri V, Ananthanarayana DB (2018) Development of Standard Operating Protocol for Slide Preparation of Powdered Bark Samples with Varying Grinding Techniques. Pharmacog Journal 10(2):265-271
- Singh D, Aeri V, Ananthanarayana DB (2018) Development of IT Tool TIPHAM (Tool for Identity of Powdered Herbals Through Analytical Microscopy) for Microscopic Identification of Crude Herbal Drugs. Pharmacogn Mag 14(15): 213-226
- Rafiq SM, Aeri V, Rafiq SI (2018) Physico-chemical, sensory and phyto-chemical properties of instant dry soup mix made by using banana peel and water chestnut. Eur J Biomed 5(5): 795-800
- Sharma D, Anandamram KS, Aeri VA (2018) Global Perspective of HACCP Implementation in Dairy Industry. Research & Reviews: Journal of Food and Dairy Technology 6(2):1-10
- Singh D, Aeri V, Ananthanarayana DB (2018) Comparative Powder Microscopy on the barks of four Ficus species. IJNPR 9(3):261-266
- Sharma G, Ashhar, MU, Aeri V, Katare, DP (2018) Effect of ethanolic extract of Euphorbia hirta on chronic diabetes mellitus and associated cardiorenal damage in rats. Int J Green Pharm 12(3):192-194

- Sharma G, Hora S, Aeri V, Katare, DP (2018) Glucagon like peptide (Glp-1) receptor: a promising therapeutic target for screening of herbal antidiabetic compounds. *Asian J Pharm* 12(2):512-518
- Raj R, Siddiqui N, Aeri V (2018) Densitometric validation of lapachol in *Tecomella undulata* seem bark by high-performance thin-layer chromatography. *Int J Pharm Pharm Sci* 10:87-90
- Raj R, Aeri V (2018) Solid-State Fermentation of *Tecomella undulata* Bark Using *Saccharomyces cerevisiae* and its Optimization Using Four Factor Box-Behnken Design. *Ijppr Human* 13 (4):78-88

## 2017

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- Bagri P, Aeri V, Ali M (2017) New fatty acid glycosides from the seeds of *Cicer arietinum*. *Journal of Pharmacognosy and Phytochemistry* 6(6):1576-1584
- Siddiqui N, Aeri V (2017) Ultrasonic extraction optimization of stigmasterol using response surface methodology and quantification by high-performance thin-layer chromatography from *Tecomella undulata* bark. *JPC-Journal of Planar Chromatography-Modern TLC* 30(1):36-42
- Mishra S, Aeri V (2017) Biotransformation of lignan glycoside to its aglycone by *Woodfordia fruticosa* flowers: quantification of compounds using a validated HPTLC method. *Pharm Biol* 55(1): 360-366

## 2016

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- Mishra S, Aeri V (2016) Fermentation process of traditional Asokarista using *Wickerhamomyces anomalus* and its optimization using three-factor, three-level Box–Behnken design. *Separation Science and Technology* 51(9):1579-1588
- Mishra S, Aeri V (2016) Optimization of microwave-assisted extraction conditions for preparing lignan-rich extract from *Saraca asoca* bark using Box–Behnken design. *Pharma Biol* 54(7):1255-1262
- Siddiqui N, Aeri V (2016) Optimization of betulinic acid extraction from *Tecomella undulata* bark using a box-Behnken design and its densitometric validation. *Molecules* 21(4):393
- Ilyas U, Katare DP, Aeri V, Naseef PP (2016) A review on hepatoprotective and immunomodulatory herbal plants. *Pharmacog Rev* 10(19): 66-70
- Singh PA, Brindavanam NB, Kimothi GP, Aeri, V (2016) Evaluation of in vivo anti-inflammatory and analgesic activity of *Dillenia indica* f. *elongata* (Miq.) Miq. and *Shorea robusta* stem bark extracts. *Asian Pac J Trop Dis* 6(1):75-81.
- Aeri V, Alam P, Ali M, Naquri KJ (2016) A new phytosteroid and aliphatic constituents from the roots of *Albizzia lebbeck* Benth. *J Pharm Chem Biol* 3(4): 432-9
- Singh PA, Aeri V (2016) Physico-chemical parameters and HPTLC fingerprinting profile of *Dillenia indica* Miq. f. *Elongata* (Miq.) and *Tectona grandis* Linn with reference to betulin. *IJPBS* 7(1): 217-221
- Singh PA, Brindavanam NB, Kimothi GP, Verma R, Aeri V (2016) A validated HPLC method for the determination of betulin in the stem bark of *Tectona grandis* Linn. *IJPSR* 7(2):719-723
- Kaushik U, Aeri V, Showkat RM, Ali M (2016) Cucurbitane-type triterpenoids from the blood glucose-lowering extracts of *Coccinia indica* and *Momordica balsamina* fruits. *Pharmacogn Mag* 13(1):S115-S121
- Bagri P, Ali M, Aeri V, Bhowmik, M (2016) Isolation and antidiabetic activity of new lanostenoids from the leaves of *Psidium guajava* L. *Int J Pharm Pharm Sci* 8(9):14-18

## 2015

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- Sheliya MA, Rayhana B, Ali A, Pillai K K, Aeri V, Sharma M, Mir SR (2015) Inhibition of  $\alpha$ -glucosidase by new prenylated flavonoids from *Euphorbia hirta* Linn herb. Journal of Ethnopharmacology 176, 1-8
- Aeri V, Alam P, Ali M, Naquvi KJ (2015) Lupene-type triterpenic and steroidal constituents from the roots of *Streblus asper* Lour. J Sci Innov Res 4(3):142-5
- Ahmad S, Aeri V (2015) Quantitative Determination of Resveratrol Contents in Draksarishta Formulation. ALLY J Pharma Sci 1(2): 502-507
- Ahmad S, Aeri V (2015) Chemistry and Source of Resveratrol: A potential review. ALLY J Pharma Sci 1(2):567 -579
- Mathur N, Aeri V, Katare DP (2015) Effect of *Cichorium intybus* leaves on N-nitrosodiethylamine induced hepatotoxicity in wistar rats. IJPSR 6(9):3861-3871
- Aeri V, Mishra S (2015) Evaluation of pre-and post-fermented aqueous decoction of *Saraca asoca* by high-performance thin-layer chromatography. JPC–Journal of Planar Chromatography–Modern TLC 28:36-41
- Mishra S, Aeri V (2015) A comparative study of prepared and marketed asokarista with respect to physicochemical parameters and phytochemical markers. Int J Pharmacog Phytochem Res 7(1):144-9
- Kaushik U, Aeri V, Mir SR (2015) Cucurbitacins—an insight into medicinal leads from nature. Pharmacog Rev 9(17):12
- Ilyas UK, Katare DP, Aeri V (2015) Comparative evaluation of standardized alcoholic, hydroalcoholic, and aqueous extracts of *Phyllanthus maderaspatensis* Linn. against galactosamine-induced hepatopathy in albino rats. Pharmacogn Mag 11(42):277
- UK I, Katare DP, Aeri V (2015) Densitometric Validation and Optimisation of Polyphenols in *Ocimum sanctum* Linn by High Performance Thin-layer Chromatography. Phytochemical analysis 26(4):237-246
- Nahida SD, Aeri V (2015) Quality Control and Comparative Study Of Ayurvedic Plant *Tecomella Undulata* (Sm.) Seem With Its Adulterant *Aphanamixis Polystachya* (Wall.) Parker. Int J Pharmacogn Phytochem Res 7: 917

## 2014

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- Begum R, Sharma M, Pillai KK, Aeri V, Sheliya MA (2014) Inhibitory effect of *Careya arborea* on inflammatory biomarkers in carrageenan-induced inflammation. Pharma.Bio 53(3):437-45
- Kapoor R, Pathak S, Najmi AK, Aeri V, Panda BP (2014) Processing of soy functional food using high pressure homogenization for improved nutritional and therapeutic benefits. Innov Food Sci Emerg Technol 26:490-7
- Mishra S, Aeri V, Katare DP (2014) Hepatoprotective medication for liver injury. Int J Pharm Pharm Sci 3:891-932
- Gaur PK, Mishra S, Aeri V (2014) Formulation and evaluation of guggul lipid nanovesicles for transdermal delivery of aceclofenac. Sci. World J 3(5): 891-932
- Uppalwar SV, Aeri V, Arora A (2014) Evaluation of Wound Healing Properties from Five Traditional Medicinal Plants with Cow Ghee. J. Med. Pharma.Innov 1(6): 30-34
- Chakraborty GS, Aeri V, Verma P, Singh S (2014) Phytochemical and Antimicrobial Studies of *Chlorophytum borivilianum*. Pharmacophore 5 (2): 258-261
- Neha M, Deepshikha KP, Vidhu A (2014) *Cichorium intybus* Linn: its role in hepatoprotection. Int J Pharmacogn Phytochem Res 6(3):499-505



- Neha M, Deepshikha PK, Vidhu A, Amitesh K, Vidushi J, Alka M, Ritu V (2014) Determination of antioxidant and hepatoprotective ability of flavonoids of *Cichorium intybus*. International Journal of Toxicological and Pharmacological Research 6(4):107-12
- Mishra S, Aeri V, Gaur PK, Jachak SM (2014) Phytochemical, therapeutic, and ethnopharmacological overview for a traditionally important herb: *Boerhavia diffusa* Linn. Biomed Res. Int 14:1-19
- Kaushik U, Mir SR, Aeri V (2014) Preventive effects of *Trichosanthes dioica* in STZ-Nicotinamide induced type (II) diabetes. Am. J. PharmTech Res 4(2): 605-612

## 2013

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- Prasad SB, Aeri V, Yashwant (2013) Role of Traditional and Alternative medicine in treatment of Ulcerative Colitis. Int J of Pharmacognosy and Phytochemical Research 5(3): 248-253
- Prasad SB, Aeri V, Yashwant (2013) Approaches for Targeted Drug Delivery to Colon. Int J of Drug Delivery Technology 3(1): 8-11
- Prasad SB, Yashwant, Aeri V (2013) Bhasma: Traditional Concept of Nanomedicine and their modern era prospective. I J of Pharmaceutical and Clinical Research 5(4): 150-154
- Prasad SB, Verma H, Aeri V, Yashwant (2013) Probiotics: A Medieval to Modern era prospective. I J of Toxicological and Pharmacological Research 5(3): 63-68
- Ali B, Mujeeb M, Aeri V, Mir SR, Siddique NA, Ali S (2013) Development of Quality Standards of *Ficus carica* Linn. Leaves. Am J Pharm Tech Res 3(3): 1-9
- Prasad SB, Yashwant, Aeri V (2013) In vitro anti-inflammatory activity of Raupya (Silver) Bhasma. J Chem Pharm Res 5(9): 194-197
- Prasad SB, Yashwant, Aeri V (2013) Formulation and Evaluation of Dosage form of Raupya (silver) bhasma for colon targeted drug delivery. Am. J. Pharm. Res 3(6): 318-326
- Ambardar N, Aeri V (2013) A better understanding of traditional uses of *Careya arborea* Roxb.: phytochemical and Pharmacological Review. Cellmed 3(4):28-1
- Prasad SB, Yashwant, Bhargava M, Vidhu Aeri (2013) Development of quality standards of ancient silver based nanomedicine: raupya (silver) bhasma Indo Am. j. pharm. sci 3(10): 8205-8210
- Prasad SB, Yashwant, Aeri V (2013) Current Understanding of Synthesis and Pharmacological Aspects of Silver Nanoparticles. American Journal of Phytomedicine and Clinical Therapeutics 1(7): 536-547
- Ilyas UK, Katare DP, Ambardar N, Aeri V (2013) HPTLC Densitometric quantification of caffeic acid and Boeravinone B in *Boerhavia diffusa* Linn. int J of Phytopharmacology 4(3): 184-189.
- Singh D, Aeri V (2013) Phytochemical and Pharmacological Potential of *Acanthus ilicifolius*-A Review. J of pharmacy and Bioallied sciences. J Pharm Bioallied Sci 5(1): 17-20
- Aeri V, Singh D (2013) HPTLC studies on various extracts of *Acanthus ilicifolius* Linn. Leaves and evaluation of antimicrobial and antioxidant activity. Der Pharmacia Lettre 5(4): 261-273

## 2012

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- Bashir K, Aeri V, Masoodi L (2012) Physico-Chemical and Sensory Characteristics of Pasta Fortified with Chickpea Flour and Defatted Soy Flour. IOSR J Environ Sci Toxicol Food Technol 1(5): 34-39
- Masoodi L, Aeri V, Bashir K (2012) Fortification of Biscuit with Flaxseed: Biscuit Production and Quality Evaluation. IOSR J Environ Sci Toxicol Food Technol 1(5):06-09
- Abraham G, Aeri V (2012) A preliminary examination of the phytochemical profile of *Azolla microphylla* with respect to seasons. Asian Pac. J. Trop. Biomed 2(3):S1392-5
- Katare DP, Nabi G, Azooz MM, Aeri V, Ahmad P (2012) Biochemical Modifications and enhancement of Psoralen content in salt stressed seedlings of *Psoralea corylifolia* Linn. J of functional and environmental botany 2(1): 65-74

- Aeri V, Alam P, Ali M, Ilyas UK (2012) Isolation of new aliphatic ester linked with Gama-lactone cos-11-enyl pentan-1-oic-1, 5-olide from the roots of *Streblus asper* Lour. Indo Global J. Pharm. Sci 2(2): 114-120
- Sindhwani G, Ilyas UK, Aeri V (2012) Microbial transformation of eugenol to vanillin J. Microbiol. Biotech. Res 2 (2):313-318
- Alam P, Ali M, Aeri V (2012) Isolation of keto alcohol and triterpenes from tubers of *Cyperus rotundus* Linn. J. Nat. Prod. Plant Resour 2 (2):272-280
- Alam P, Ali M, Aeri V (2012) Isolation of a new keto steroid stigmast-4, 20(21), 23-trien-3-one and a new alcohol tricontan-10 $\alpha$ -ol from the roots of *Albizzia lebbeck* Benth J. Nat. Prod. Plant Resour 2 (2):234-238
- Rajkumari, Ali M, Aeri V (2012) Two new triterpenoids from *Cichorium intybus* Linn. roots. J. Asian Nat. Prod. Res 14(1): 7-1

## 2011

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- Priyanka Bagri, M Ali, S Sultana and Vidhu Aeri (2011) A new flavonoid glycoside from the seeds of *Cicer arietinum* Linn. Acta Poloniae Pharmaceutica -Drug Research 68 (4): 605-608
- Ali B, Mujeeb M, Aeri V, Mir SR, Faiyazuddin M, Shakeel F (2011) Anti-inflammatory and Antioxidant activity of *Ficus carica* Linn. Leaves. Nat. Prod. Res 26(5): 460-465
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- Rajkumari, Ali M, Aeri V (2011) Quantitative determination of umbelliferone in the root extract of *Cichorium intybus* by HPTLC. Asian J. Chem 23(4):1636-1638
- Mujeeb M, Khan SA, Aeri V, Ali B (2011) Hepatoprotective Activity of the Ethanolic extract of *Ficus carica* Linn. Leaves in Carbon Tetrachloride-Induced Hepatotoxicity in Rats. Iran. J. Pharm. Sci 10(2):301

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- Bagri P, Ali M, Aeri V, Sultana S, Bhowmik M (2010) Evaluation of Anti-Inflammatory and Analgesic Activity of *Punica granatum* Linn. International J of drug Development and Research 2(4): 698-702
- RajKumari, Ali M, Aeri V (2010) Fatty Acid Glucosides from roots of *Cichorium intybus* Linn. Int. J. Pharmacogn. Pharm. Res 2(3):35-39
- Bagri P, Ali M, Sultana S, Aeri V (2010) New Flavonoids from *Punica granatum* flowers. Chem. Nat. Compd. 46 (2): 201-204
- Mujeeb M, Bagri P, Aeri V, Khan SA (2010) Hepatoprotective and Antioxidant activity of the Methanolic Extract of *Mucuna pruriens* Bak. Roots. Oriental pharmacy and Experimental Medicine 10 (2): 79-85
- Chakraborty GS, Aeri V (2010) Pharmacognostical Studies of Potential Herb- *Chlorophytum borivilianum*. Int. J. Pharm. Sci. Res 1(4):89-95
- Katare DP, Aeri V (2010) Progress in Gene Therapy: A Review. Int. j. pharmacol. toxicol 1(2):33-41

- Aeri V, Khan MI, Alam S (2010) A validated HPLC Method for the Quantification of Oleanolic Acid in the roots of *Achyranthes Aspera* Linn. And Marked Formulation. Int J Pharm Pharm Sci 2(1): 74-78

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- Mujeeb M, Aeri V, Bagri P, Khan SA (2009) Hepatoprotective activity of the methanolic extract of *Tylophora indica* (Burm. f.) Merrill. Leaves. Int. J of Green Pharmacy 3(2): 125-127
- Bagri P, Ali M, Sultana S, Aeri V (2009) New sterol esters from the flowers of *Punica granatum* Linn. J. Asian Nat. Prod. Res 11(8):710-715
- Bagri P, Ali M, Aeri V, Bhowmik M, Sultana S (2009) Antidiabetic Effect of *Punica granatum* Flowers: Effect on Hyperlipidemia, Pancreatic Cells Lipid Peroxidation and Antioxidant Enzymes in Experimental Diabetes. J of Food and Chemical Toxicology 47 (1): 50-54
- Chakraborty GS, Aeri V (2009) Phytochemical and Antimicrobial Studies of *Chlorophytum borivilianum*. Int. J. Pharm. Sci. Drug Res 1(2):110-112
- Chakraborty GS, Aeri V (2009) Immunomodulatory Activity of *Chlorophytum borivilianum*. Pharmacology online Newsletter 3: 54-57
- Chakraborty GS, Zafar Rand, Aeri V (2009) Antibacterial and Antifungal studies of various extracts of *Chlorophytum borivilianum* leaves. Hamdard Med 52 (3): 29-33

## 2008

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- Bagri P, Chakraborty GS, Mujeeb M, Aeri V (2008) Quality Standards of leaves of *Tylophora indica*. Hamdard Med 51(4): 175-181
- Mann R, Agarwal K, Singh C, Aeri V, Sharma RK (2008) Adventitious Shoot Proliferation from Aseptically Germinated seedlings of *Cuminum cyminum*. Phcog Mag 4(14): 132-137
- Chakraborty GS, Zafar R, Aeri V (2008) Antiinflammatory Activity of Methanolic Extract of *Chlorophytum borivilianum*. J. Pharm. Res 1(1): 58-60
- Chakraborty GS, Aeri V (2008) Antidiabetic and Antihyperlipidaemic Effect of Alcoholic Extract of *Chlorophytum borivilianum* Roots in Alloxan Induced diabetic Albino Rats. J. Pharm. Res 1(1): 29-33

## 2007

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- Aeri V, Chakraborty GS, Singh M (2007) Isolation of hydrocarbons and stigmaster- 3 beta-olide from *Amoora rohituka* Wight and Arn. (stem bark), Indian Drugs 44 (7): 551-554
- Aeri V, Kumari R, Mujeeb M, Bagri P (2007) Pharmacognostical Standardisation of Leaves of *Solanum nigrum* Linn. Hamdard Med 50 (1):109-114
- Khalid M, Ahmad S, Aeri V (2007) Establishment and Preliminary Phytochemical Screening of *Sida acuta* Burm. f. Leaf Callus. J Sci Pharm 8(3): 85-92
- Khalid M, Ahmad S, Aeri V (2007) Pharmacognostical Studies on *Sida acuta* Burm. f.-A Review. J Sci Pharm 8(2): 75-79

## 2006

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- Khalid M, Ahmad S, Aeri V (2006) Alkaloid Production in Plant Tissue Cultures, Since 1990. J Sci Pharm 7 (4): 154-160

## 2005

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- Aeri V, Zafar R, Ahmad S, Khan PI (2005) Quantitative Estimation of Phyllanthin in *Phyllanthus niruri* Linn. And some polyherbal formulations by HPTLC. Indian J. Nat. Prod 21(1):12
- Aeri V, Kumari R, Mujeeb M, Bagri P (2005) Isolation of Diethyltrihydroxy Benzene and Nigralanostenone from leaves of *Solanum nigrum* Linn. Indian J. Nat. Prod 21 (4): 40-42
- Chakraborty GS, Zafar R, Aeri V (2005) Studies on Powder Characteristics of Tubers of *Asparagus adscendens* Roxb. Indian J. Nat. Prod 21 (3): 45-46
- Rajkumari, Mujeeb M, Ahmad S, Aeri V (2005) Hepatoprotective Activity of Leaves of *Solanum nigrum*. Short Research Paper published in Abstract book of Third International Conference on Plants and Environmental Pollution 91-92

## 1990-1992

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- Zafar R, Vyas M, Keri V (1990) Phytochemical investigations of seeds of *Ipomoea muricata* Linn. Indian Drugs 28 (3): 151
- Zafar R, Dutta A, Keri V (1990) Effect of Plant growth regulators on the growth and amino acid contents of *Dolichos biflorus* Linn Callus culture. Indian Drugs 28 (3):152
- Zafar R, haque J, Keri V (1991) Amino acids and phytosterol in root culture of *Capsicum annum* Linn. Indian Drugs 28 (11): 525
- Keri V, Zafar R (1991) Isolation of alfa and beta amyryne from the bark of *Cassia renigera* Wall. Indian Drugs 29(3):136
- Zafar R, Keri V (1992) Constituents of *Tribulus terrestris* flowers. Fitoterapia LXIII (1): 90

## PATENTS GRANTED

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### Two Indian Patents

- Novel formulation of standardized extract of *Psoralea corylifolia* for the treatment of liver cirrhosis: Patent No. 407958; Reference No./Application No. 2103/DEL/2012; Date of filing 06/07/2012; Date of grant 29/09/2022 in collaboration with Amity University.
- A method of preparing phytosomal nanoemulsion for the treatment of Type 2 diabetes mellitus: Reference No./Application No. 201711028601; Date of filing 11/08/2017; Date of grant subject to NBA Approval 07/12/23 in collaboration with Amity University.

## CONSULTANCY

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- **24 October 2020:** Pure Indian Foods Corporation, 1800 E State St #174, Hamilton, NJ 08609, USA  
Project: Remotely assist Pure Indian Foods in development of Classical Asavas ad Aristas by offering technical assistance, know-how and knowledge transfer
- **22 December 2020:** TCS Content Team, Tata Consultancy Services Limited, TCS House, Raveline Street, 21 DS Marg, Fort, Mumbai-400001  
Project: Item Writer/Subject Matter Expert (SME)

## AWARDS/FELLOWSHIPS

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### AWARDS

- **MEMBER (2023) of American Chemical Society (ACS)**

- **Exemplary Pharmacy Professional Award (2023)**
- Lloyd Institute of Management & Technology Pharm, Greater Noida
- **Certificate of Excellence (2022)** Placement Internshala Annual Rankings
- **Gold Medal (1986)** Standing First in MPharm (Pharmacognosy & Phytochemistry) by IPA

#### FELLOWSHIP

- **Minor Research Project (1999-2001)** UGC
- **Senior Research Fellowship(1990-1992)** CSIR
- **Junior Research Fellowship(1984-1986)** UGC

#### ACADEMIC/ PROFESSIONAL ACCOMPLISHMENTS

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- **NAAC ASSESSOR (2023)** National Assessment and Accreditation Council, UGC
- **CHAIRPERSON (2023)** SPER GOLDEN JUBILEE CELEBRATIONS
- **SUBJECT EXPERT(2023)** Bihar Public Service Commission
- **HONORARY EXTERNAL MEMBER (2023)** Departmental Research Committee (DRC), Amity Institute of Phytomedicine and Phytochemistry & Amity Center for Carbohydrate Research, Amity University
- **ACADEMIC INNOVATION RESEARCH (2020):**Computer Assisted Identification of Powdered herbal materials through analytical microscopy (CAIPHAM) <https://riteherb.in> site has been created under the project: DBT, BIRAC PACE (AIR), Govt. of India
- **EXPERT (2020) FACULTY OF MEDICAL SCIENCES**, Guru Jambheshwar University of Science & Technology, Hisar
- **EXPERT(2020) BOARD OF STUDIES & RESEARCH IN PHARMACEUTICAL SCIENCES**, Guru Jambheshwar University of Science & Technology, Hisar
- **BOARD OF STUDIES(2019)** Delhi University of Pharmaceutical Sciences and Research (DPSRU)
- **PANEL OF EXPERTS(2019)** Data Safety Monitoring Board (DSMB) to review projects on AYUSH related to maternal and child health, ICMR
- **CHAIRPERSON, SUBCOMMITTEE, PHYTOPHARMACEUTICAL DIVISION OF IPC (2019)**
- Guidance Document, SOP preparation/amendment & Review
- **MEMBER OF SUB-GROUP(2018):** Herbal Products of Indian Pharmacopoeia Commission, IPC
- **PANEL OF EXPERTS (2018)** to Evaluate New Phytopharmaceutical Drugs Proposals for Regulatory Approval, DCG , CDSCO, Directorate General of Health Services, MoH & Family Welfare, GOI
- **CONTENT REVIEWER(2018)** for two modules 'Pharmaceutical & Biological Analysis' MHRD-UGC E Pathshala Programme
- **SUBJECT EXPERT (2018)** Himachal Pradesh Public Service Commission
- **SUBJECT EXPERT (2017)** for the preview (evaluation and improvement) of Consortium for educational Communication (CEC-UGC) syllabus based Educational video/E-content program made for undergraduate students, Ministry of HRD, Govt. of India of E-Content Program of Pharmacy produced by Educational Multimedia Research Centre (EMMRC)
- **SUBJECT EXPERT(2015)** Revisiting of Unani Pharmacopoeia of India
- **SUBJECT EXPERT (2015)** National Formulary of Unani Medicine and Unani Pharmacopoeia of India Part I and Part II
- **EDUCATIONIST (2015)** GOVERNING BODY, ITS College of Pharmacy, Murad Nagar Ghaziabad
- **ADJUNCT PROFESSOR (2011)** Lovely Professional University (LPU), Punjab
- **PhD Evaluation/VIVA VOCE/PAPER SETTER**
- DELHI UNIVERSITY, Integral University, Lucknow, BITS, Ranchi, Punjab University, J&K University, GJU, Hissar, DIPSRU/DIPSAR, Amity University, MDU, Rohtak, Galgotia's University, Sharda University

## Editorial Board Member

- **Journal of Natural Remedies, Bangalore:** Online ISSN : 2320-3358; Indexed n Scopus with H Index 13, IndMed, Web of Science BIOSIS Previews, EMBASE, DOAJ, U. S. National Library of Medicine, UGC-CARE List Group II, Index Copernicus (ICV 2018 = 120.77), CABI, ICI 2015
- Journal of Drug Research in Ayurvedic Sciences (JDRAS), a peer-reviewed, open accessed journal of Central Council for Research in Ayurvedic Sciences (CCRAS). ISSN: 2279-0357, eISSN: 2581-8295

## Reviewed Articles for

1. African Journal of biotechnology, ISI Indexed Journal; IF: 0.456
  2. Natural Product Research, Elsevier publication, IF: 0.810
  3. Indian J of Experimental Biology, IF:1.195
  4. Indian Journal of Natural Products And Natural Resources.
  5. J of Pharmacy and Bioallied Sciences
  6. Journal of Traditional and Complementary Medicine (eJTCM)
  7. Journal of Food Science and Technology
  8. Indian Journal of Anaesthesia
  9. Molecular Carcinogenesis
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## MASTERS STUDENTS ADVISED

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S. No.	Name of Candidate	Title of Research Work	Year of Completion
1.	Raj Kumari	Phytopharmacological Studies on the leaves of <i>Solanum nigrum</i> Linn.	2004
2.	Priyanka Bagri	Standardisation, Phytochemical and Biological Screening of <i>Tylophora indica</i> (Burm. f.) Merrill and <i>Mucuna pruriens</i> Bak.	2004
3.	Manish K Singh	Standardisation and Phytochemical Investigations of <i>Amoora rohituka</i> Wight and Arn. (Stem Bark).	2005
4.	Rashid Ali	Standardisation and Biological Screening of <i>Trianthema portulacastrum</i> Linn.	2005
5.	Deeba Siddiqui	Solasodine Estimation by HPTLC and Biological Screening of <i>In Vitro</i> Cultures of <i>Solanum nigrum</i> Linn.	2005
6.	Shilpa Pahwa	Effect of Abiotic Stress on Regeneration, Quantification of Psoralen by HPLC and RAPD Analysis of Regenerants of <i>Psoralea corylifolia</i> Linn.	2005

7.	Kshitij Agarwal	Screening of Phytosterols in different stages of <i>in vitro</i> cultures of <i>Trigonella foenum graecum</i> Linn.	2006
8.	Rajinder Mann	Enhancement of Seed Germination, Regeneration and Callus Cultures of <i>Cuminum cyminum</i> Linn.	2006
9.	Samir Bhargava	Effect of Fungal Elicitors on the Growth and Regeneration of <i>Psoralea corylifolia</i> Linn., its Biochemical Characterisation and Estimation of Psoralen at various stages by HPLC.	2006
10.	Shruti Dauneria	Proteomics: To find out Expression and Secretion of Disease Specific Proteins (Biomarkers) Discovery and Drug Development.	2006
11.	Laxmi PK	Quality Control: Pharmacognostic Evaluation and Quantification of Psoralen by HPLC in <i>Psoralea corylifolia</i> Linn.	2006
12	Nandlal Singh	Standardisation and Pharmacological Evaluation of Fenugreek Leaves.	2006
13	Nagesh Shivaji Tour	Standardisation and Pharmacological Evaluation of <i>Celastrus paniculatus</i> Root bark	2006
14	Vimal K Singh	Standardisation and Pharmacological Evaluation of <i>Gloriosa superba</i> Linn. Tubers	2006
15	Ritesh Yadav	Standardisation and Pharmacological Evaluation of <i>Amoora rohituka</i> Stem Bark	2006
16.	Md. Tanwir Athar	Bioactivity Guided Quantification of Leaf Extracts of <i>Psoralea corylifolia</i> Linn., Exhibiting Hepatoprotection and Assesment of Enzymatic and Protein Changes.	2007
17	Md. Shivli Nomani	Proteomics in Identification and Characterization of Serological and Tumor Specific Biomarker in Hepatocellular Carcinoma.	2007
18	Md. Khalid	Tissue Culture Studies on <i>Sida acuta</i> Burm. F.	2007
19.	Babar Ali	Standardization and Biological Studies on <i>Ficus carica</i> Linn	2007
20	Md. Irfan Khan	Development and Validation of HPLC Method for the Analysis of Oleanolic acid and Betaine in <i>Achyranthes aspera</i> Linn.	2008
21	Rahul Singh	Quality specification of identity and composition of <i>Boerhavia diffusa</i> by HPLC and HPTLC	2009
22.	Ilyas UK	Biotransformation of D-Limonene and Isoeugenol by Soil Microorganisms	2010

23.	Mujeebu Rahiman P	Development of Whey Powder Based Culture Media for probiotic Production	2010
24.	Deepshikha Singh	Proteomic study of serum proteins in Type -2 Diabetes Mellitus animal model treated with <i>Aegle marmelos</i> leaf extract	2011
25.	Gulshan Sindhvani	Microbial Transformation of Phenylpropanoid Compounds to Vanillin	2011
26.	Jyotsana Dhasmana	Development and characterization of dehydrated peanut milk powder for use as dairy substitute	2011
27	Anjali Bhatt	Development of Makhana fortified Biscuits	2011
28.	Dharya Singh	Evaluation of <i>Acanthus ilicifolius</i> Linn. leaves for antimicrobial and antioxidant activity.	2012
29	Shweta Srivatava	Evaluation of Aqueous extract of <i>Salacia oblonga</i> roots in streptozotocin-nicotinamide induced diabetic rats.	2012
30	Nupur Ambardar	Phytochemical analysis and evaluation of <i>Careya arborea</i> Roxb. Bark extracts for antioxidant and antimicrobial activity.	2012
31	Khalid Bashir	Fortification of pasta with chickpea flour and defatted soy flour: pasta production and quality evaluation.	2012
32	Lubna Masoodi	Development and evaluation of flax seed based biscuits	2011
33	Depti Verma	Biotransformation of quercetin dehydrate, kaempferol and methanolic extract of <i>Saraca asoca</i> ( Roxb.) by fungus isolated from <i>Woodfordia fruticosa</i> (kurz)	2012
34	Syed Mansha Rafiq	A study on chemical investigation and utilization of underutilized water chestnut and Banana peel	2012
35	Shumaila Jan	A study on chemical investigation and utilization of chenopodium seeds and guava	2013
36	Kirti Mehta	Qualitative and quantitative analysis of gingerols and shogaols in fresh and processed ginger by HPTLC and HPLC	2013
37	Mukti Vats	Study the differences between response of the two lymphocytic lineages to pharmacological reagents(oxidative stress inducers and metabolic inhibitors)	2013
38	Asha Sinha	Evaluation of the blood glucose lowering activity and lipid profile of <i>Careya arborea</i> stem ark extract in experimental diabetes	2013
39	Khan Nadiya Jan	Kinetic study of sorbitol production and its scale up using <i>Lactobacillus plantarum</i> NCIM (2912)	2013
40	Suheela Bhat	Statistical Optimisation and Characterization of Xanthum gum using <i>Pseudomonas aeruginosa</i> NCIM (2948) in submerged fermentation (SMF) process	2013
41	Hasan Kamal	Product Development of Sabudana Vada Mix Ready-to-eat food by using potato flakes	2013
42	Himanshu Rajput	Qualitative and quantitative analysis of nutritive value, fatty acid profile, toxins and	2014



		pesticide residues in processed cumin seeds by GC.	
43	Sheeraz Ahmad	Effect of fermentation on resveratrol content in Daraksarishta	2014
44	Sahil Agarwal	Screening and identification of endophytic fungus from ginger: quantification of gingerol and shogol by HPTLC and HPLC	2014
45	Preet Amol Singh	Evaluation of Phytochemical, analgesic and Anti-inflammatory potential of selected medicinal plants with reference to Betulin	2015
46	Nazia Nazir	Processing of pineapple candy and its treatment with ascorbic acid	2015
47	Tahira Yousuf	Preparation and Evaluation of an electrolyte from the bottle gourd	2015
48	Aabida Nazir	Effect of drying on total phenolic content, total flavonoid content and antioxidant activity of three apple varieties	2015
49	Sumira Rashid Malik	Processing of Cape gooseberry for quality fruit bar and its storage study	2015
50	Shah Asma Iftikhar	Processing of pomegranate for quality jelly and grenadine and its storage study	2015
51	Nusrat Altaf Cheshti	Processing and Evaluation of guava peel for product development	2015
52.	Rudradeep Dutta	Fabrication and Characterization of Nano-formulated Monacolin K	2016
53	Rohit Sharma	Chemical composition and hepatoprotective effect of polyphenol rich extracts of <i>Phyllanthus maderaspatensis</i> linn. against galactosamine induced hepatopathy in albino rats	2016
54	Sidra Obaid	Solid-state fermentation for the enrichment and extraction of polyphenols in ashoka bark by <i>Wickerhamomyces anomalus</i> : optimization of fermentation parameters by response surface methodology	2016
55.	Ketan Jeet	Chemoprofiling and antidepressant activity of Asvagandhadyarista	2017
56	Richa	Evaluation of Solid-State Fermented <i>Tecomella undulata</i> (Seem) bark for Hepatoprotective activity: Optimization of fermentation parameters by Response Surface Methodology	2017

57.	Neeraj Kumar	Extraction and Quantification of Cannabidiol, Cannabinol and Tetrahydrocannabinol from <i>Cannabis sativa</i> Linn. Leaves by HPLC/HPTLC	2018
58.	Preeti Sharma	Development of Methods for Analysis of Adulterants/Allied species in <i>Ficus</i> , <i>Bauhinia</i> and <i>Albizia</i> Barks by microscopy and HPTLC	2018
59.	Daraksha Kulsoom	RAPD Based Identification of <i>Ficus</i> Species: <i>F. religiosa</i> , <i>F. Benghalensis</i> and <i>F. lacor</i>	2018
60.	Jasmeet Kaur	Evaluation of antidiabetic and antioxidant potential of endophytic fungi isolated from Salacia species: <i>Salacia oblonga</i> (root) and <i>Salacia chinensis</i> (root and stem)	2019
61.	Debopriya Dutta	Optimization of extraction process of Glycyrrhetic acid from <i>Glycyrrhiza glabra</i> L. roots by Response Surface Methodology and in vitro antioxidant activity	2019
62.	Zuha Rahman	Extraction, estimation and enhancement of lutein in <i>Calendula officinalis</i> Linn. By solid state fermentation	2019
63.	Tulsi	Development of Analytical method for detection of probable adulterants and substituents in bark of <i>Terminalia arjuna</i> (Roxb. ex DC) Wight & Arn.	2020
64.	Shahi Bushra Khan	Quantification of Lupeol, Kaempferol, Naringenin and Quercetin in the stem bark of <i>Bauhinia variegata</i> Linn. And <i>Bauhinia racemosa</i> Lamk. By HPTLC and HPLC.	2020
65.	Shubham Singh	Evaluation of extraction of Herbal components in medicated oils by HPTLC fingerprint	2021

66.	Sumbul	Technology for treating raw herbs and their powders to improve their microbial quality	2022
67.	Alma Tammour	Expression of L.donavani HbR Protein from E coli Bacterial System	2021
68	Nour Salibie	Screening of Endophytic fungi from <i>Withania somnifera</i> (L.) Dunal (roots) for the enhancement of Withanolides	2021
69	Athulya Udayan	Evaluation of the effect of molecular iodine on microbial load in crude botanicals and in honey	2022
70	Afreen Kanam	Development and evaluation of a fermented formulation containing <i>Vitis vinifera</i> Linn. and <i>Embelica officinalis</i> G.	2022
71	Shivangi Kukshal	Wound healing potential of optimized liposomes of <i>Thuja occidentalis</i> Linn. extract	2023
72	Vinod Kumar	Anti- leishmanial activity of the characterized extract of <i>Podophyllum hexandrum</i> royle against <i>Leishmania donovani</i> [Ld1S] through ex-vivo and in-vitro study.	2023

## DOCTORAL STUDENTS SUPERVISED

S.NO.	Name of Scholar	Title of Thesis	Subject	Year of Award of Degree
1.	GS Chakraborty (Supervisor)	Tissue culture studies on a medicinal plant	Pharmacognosy & Phytochemistry (Jamia Hamdard)	2007
2.	Raj Kumari UGC-JRF & SRF (Supervisor)	Standardisation and quality control of Cichorium intybus Linn. for determination of its hepatoprotective activity	Pharmacognosy & Phytochemistry (Jamia Hamdard)	2008
3.	Priyanka Bagri UGC-JRF & SRF (Supervisor)	Standardisation and phytochemical investigations on traditional antidiabetic herbal drugs	Pharmacognosy & Phytochemistry (Jamia Hamdard)	2008
4.	Perwez Alam (Supervisor)	Phytochemical and anti inflammatory-analgesic investigations of Albizzia lebbeck, Cyperus rotundus and Streblus asper	Pharmacognosy & Phytochemistry (Jamia Hamdard)	2010
5.	Shyam Baboo Prasad (Supervisor)	Formulation and evaluation of dosage form of silver bhasma for colon targeted drug delivery	Pharmacognosy & Phytochemistry  Lovely School of Pharmaceutical Sciences, LPU	2015
6.	Rohit Kapoor DST-INSPIRE (Co-supervisor)	Studies on production, Purification and Formulation of Nattokinase	Pharmaceutical Biotechnology (Jamia Hamdard)	2015
7.	Neha Mathur (Co-supervisor)	Bioactivity guided fractionation and validation of hepatoprotective activity by pharmacodynamic biomarkers of Cichorium intybus Linn	Pharmacognosy & Phytochemistry Amity Institute of Pharmacy, Amity University, UP	2016
8.	Shikha Mishra DST Women (Supervisor)	Chemoprofiling of Asokarishta	Pharmacognosy & Phytochemistry (Jamia Hamdard)	2016
9.	Ilyas UK NMPB (Supervisor)	Bioactivity guided fractionation of Boerhavia diffusa L, Ocimum sanctum L and Phyllanthus maderaspatensis L for hepatoprotective and immunomodulatory activity	Pharmacognosy & Phytochemistry (Jamia Hamdard)	2017
10.	Nahida UGC-JRF & SRF (Supervisor)	Bioactivity guided identification and characterization of the, principal hepatoprotective constituents of Rohitakarishtha	Pharmacognosy & Phytochemistry (Jamia Hamdard)	2018

11.	Dharya Singh (Supervisor)	Computer aided microscopy of some leafy and bark drugs	Pharmacognosy & Phytochemistry (Jamia Hamdard)	2018
12.	Ujjwal Kaushik ICMR (Supervisor)	Phytochemical and biological investigation of <i>Coccinia grandis</i> Wight & Arn, <i>Trichosanthes dioica</i> Roxb. and <i>Momordica balsamina</i> Linn	Pharmacognosy & Phytochemistry (Jamia Hamdard)	2017
13.	Kiran Sharma CSIR-SRF (Co-supervisor)	Studies on normal and genetically modified root cultures of <i>Taraxacum officinale</i> Weber for the production of taraxerol and taraxasterol	Pharmacognosy & Phytochemistry (Jamia Hamdard)	2017
14	Savita Mishra NMPB (Co-supervisor)	Evaluation of efficacy of drug combinations and drug conjugate for the treatment of hepatocellular carcinoma (HCC)	Biotechnology Amity University	2017
15.	Gunjan Sharma (Co-supervisor)	Identification of signature proteins as diabetic biomarkers & evaluation of antidiabetic activity of <i>Euphorbia hirta</i>	Pharmacology Amity Institute of Pharmacy, Amity University, UP	2019
16.	Perna ICMR (Supervisor)	Chemoprofiling of <i>Drakshasava</i>	Pharmacognosy & Phytochemistry (Jamia Hamdard)	2021
17.	Tanya DST-INSPIRE (Supervisor)	Development of formulation containing bacteria and herbal drug for the treatment of non-alcoholic fatty liver disease	Pharmaceutics (Jamia Hamdard)	2023
18.	Imran (BIRAC-PACE) HNF (Supervisor)	Bioactivity guided fractionation of Aerial part of <i>Sida cordifolia</i> Linn. And <i>Sida rhombifolia</i> Linn. For Diabetic nephropathy.	Pharmacognosy & Phytochemistry (Jamia Hamdard)	2023
19.	Mercy UGC-SAP II (Supervisor)	Antidiabetic activity guided fractionation of roots of <i>Leptadenia reticulata</i> (Retz.) Wight & Arn. & <i>Marsdenia tenacissima</i> (Roxb.) Moon	Pharmacognosy & Phytochemistry (Jamia Hamdard)	2024
20.	Shital Patil BIRAC-PACE HNF (Supervisor)	Study of Phytochemical and DNA Barcoding of <i>Pedilanthus tithymaloides</i> Linn. (Root) as a substitute for <i>Cephaelis ipecacuanha</i> (BROT.) RICH (Root).	Pharmacognosy & Phytochemistry (Jamia Hamdard)	submitted in January 2024
21.	Zuha Maulana Azad, National Fellowship, UGC (Supervisor)	Optimization of extraction of Lutein, zeaxanthin and Mesozeaxanthin from Marigold flowers by using green extraction methods.	Pharmaceutical Biotechnology (Jamia Hamdard)	In progress  Registered on

22.	Garima Tripathi (Supervisor)	Development of lipid-based formulations of Cissampelos pareira Linn for evaluation of neuroprotective effect	Pharmacognosy & Phytochemistry (Jamia Hamdard)	In progress Registered on 29 January 22
23.	Aanchal Lohsail HNF (Supervisor)	Evaluation of betulin and its semisynthetic derivatives for anti-leishmanial activity against Leishmania donovani (Ld1s) by in-vitro and Ex-vivo study	Pharmacognosy & Phytochemistry (Jamia Hamdard)	In progress Registered on 29 January 2022
24.	Sumbul (Supervisor)	Design, Synthesis and Evaluation of thymol based semi-synthetic derivatives for antimicrobial activity	Pharmacognosy & Phytochemistry (Jamia Hamdard)	In progress Registered on 1 December 2022

## STUDENTS' RELATED CO-CURRICULAR ACTIVITIES

### PHARMAKON LECTURE SERIES INITIATED

Purpose to articulate knowledge and wisdom to our youth and help them forge their career. The idea behind the lecture series is to give our youth a perspective into the world of pharmacy through the lens of the most prestigious and eminent personalities who are making a mark in their respective fields. Various National Events like Pharmacy Week Celebrations and World Pharmacist Day was also conducted under the forum.

Invited speakers under PharmaKon Lecture series SPER:

S.NO	SPEAKER	ORGANIZATION/ DESIGNATION	TITLE/TOPIC	DATE
1.	Dr. Moin Don	CEO & Founder PVCON Consulting Pvt. Ltd.	Forge Your Future.	12-06-2021
2.	Syed Jalal Raham	Global Marketing Manager-GSK	Chai with Alumni.	12-06-2021
3.	Rajarshi Dasgupta	Senior Coach and Career Counsellor	A Step up Session.	31-07-2021
4.	Akanksha Gupta	Seasoned HR Professional & Soft Skill Trainer	Resume Writing Workshop.	31-07-2021
5.	Robin Pawar	Account Delivery Manager Talific Consulting Services	Resume Writing Workshop.	14-08-2021
6.	Dr. Ashish Sharma	Executive Director [Clinical Pharmacology] Boehringer Ingelheim Pharmaceutical, USA	Workshop on Role of Clinical Pharmacology Drug Development.	22 & 23-12-2021
7.	Dr. Arshad Hussain Khuroo	Head, Bioavailability & Bioequivalence, R&D, Sun Pharmaceuticals Ltd.	Career Coriundrum? Find Your Cup of Tea.	29-01-2022
8.	Md. Zishan Hussain	Senior Data Scientist, Step Up Analytics	Skill Up Session Excel at EXCEL	12-03-2022
9.	Dr. Shikha Gera	Certified International Trainer Assistant Professor, Jamia Hamdard.	Learn Interview Etiquettes	28-04-2022
10.	Kamalika Nandi & Arisha Mahmood	General Manager India Syneos Health & Scientific and Medical Affairs Syneos Health	Career Prospects in Healthcare and Lifesciences	07-04-2022

			Consulting	
11.	Dr. Ankur Arora	Senior General Manager- Pharmacovigilance, Sun Pharmaceutical Industries Ltd.	Career Prospects in Pharmacovigilance	27-05-2022

#### NEP LECTURE SERIES INITIATED

The aim of conducting this lecture series is to gain knowledge and insights from experts across the spectrum. Recently, New Education Policy (NEP) approval has completed one year. So, in continuation of celebrations of this, the conducted lectures were based on the themes suggested by AICTE.

Online Lectures/Talks by invited speakers under Lecture series SPER:

S.NO	SPEAKER	ORGANIZATION/ DESIGNATION	TITLE/TOPIC	DATE
1.	Dr. Remeth J. Dias	Head of Department, Govt. College of Pharmacy, Karad, Maharashtra.	ICT tools for effective teaching learning process	12 August 2021
2.	Dr. (Mrs.) Vandana B. Patravale	Professor of Pharmaceutics, Department of Pharmaceutical Sciences and Technology, Institute of Chemical Technology, Mumbai.	Multidisciplinary Approach in Education and Research	25 September 2021
3.	Prof. Atmaram Pawar	Principal (I/C) & Professor of Pharmaceutics BVDU, Poona College of Pharmacy, Erandwane, Pune, India.	NEP 2020: A Paradigm Shift in Indian Education System – Pharmacy Perspective	13 November 2021
4.	Prof. (Dr.) Sangeeta Sharma	Head, Department of Neuropsychopharmacology, IHBAS, Delhi & President, Delhi Society for Promotion of Rational Use of Drugs, New Delhi	Good Store and Inventory Management	10 December 2021
5.	Dr. Devidas Golhar	Principal, MMCC College of Commerce, Pune	NEP 2020: Reforms in Higher Education	12 March 2022
6.	Prof. Gowrishha Joshi	Professor & Director, Centre for Educational and Social Studies (CESS), Bengaluru	NEP 2020: Learner Centric Higher Education	2 April 2022

**GPAT DISCUSSION GROUP INITIATED  
FACILITATES ASPIRING STUDENTS APPEARING FOR GPAT EXAMINATION. THE FACULTY AND PHD RESEARCH  
SCHOLARS REGULARLY UNDERTAKE THE CLASSES ON IMPORTANT TOPICS**

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## **CONFERENCE/WORKSHOP ORGANIZED**

- Orientation Programme on Gender Sensitization and Life Skill Education for College Students (25 October 2023) Jamia Hamdard in collaboration with the National institute of Public Cooperation and Child Development (NIPCCD)
- UGC – SAP sponsored National Seminar( 01 Jan 2011) on Role of GCMS, flash Chromatography, HPTLC and SFE for herbal drug development
- UGC – SAP sponsored National Seminar (01 Feb 2014) on Regulatory and Quality aspects of herbal drugs and botanicals
- One day seminar on Current Regulations on Herbal Drugs & Food Supplements (16 May 2017)Department Lecture Series
- Aroma Industry: Potential for Entrepreneurship and Career(20 March 2017) by Dr. Shakti Vinay Shukla, Director, FFDC, UP, Department Lecture Series
- Role of Taxonomy in Identification of Crude Drugs (27 July 2017) by Dr. Sunita Garg, Emeritus Scientist, CSIR-NISCAIR, Department Lecture Series
- REGULATORY REQUIREMENTS OF HERBAL DRUGS and PATENT – I (13 October 2017) by Mr. Lalit Ambastha, Patent Attorney, Department Lecture Series
- REGULATORY REQUIREMENTS OF HERBAL DRUGS and PATENT – II (27 October 2017) by Mr. Lalit Ambastha, Patent Attorney, Department Lecture Series
- 6th sense of fat taste perspectives in pharmaceutical sciences (12 Jan 2018), Department Lecture Series
- The Clarivate Analytics performing an interactive session on their Integrity tool for Faculty Members and Researchers (30 August 2018) Department Lecture Series
- Flavour of Pharmacy Profession in Formulating Career (6 March 2019)Department Lecture Series
- Phytopharmaceuticals: A new class of drugs (14 March 2019)Department Lecture Series
- Interactive Session On Phytopharmaceuticals: Development, Regulatory, IPR & Marketing Challenges (5 April 2019) UGC-SAP-IIThe Trends in Natural Product Research 18/09/2019
- **Chairperson, Organizing Committee:** 3rd One day National Seminar on Current Regulations on Herbal Drugs & Food Supplements (16 May 2017) SPER, Jamia Hamdard
- **Member, organizing Committee :**Regulatory and quality aspects of herbal drugs and botanicals (01 February 2014) UGC-SAP sponsored second national seminar, organized by SPER, Jamia Hamdard
- Coordinator for poster competition on Woman and Child health Week (6 -12March 2009) International Women's Day, Public Private Partnership Initiative, jointly organized by CCRUM, Dept. of AYUSH, Govt. of India and Jamia Hamdard



## PRESENTATIONS AND INVITED LECTURES

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### VISITS ABROAD

- Aeri Vidhu (2004) Effect of media and development stages on artemisinin cultures of *Artemisia annua* Linn. Symposia on Future Trends in Phytochemistry, Garganano, Italy, funded by UGC and DST
- Aeri Vidhu, A Tanvir, P Deepshikha (2008) Bioactivity guided quantification of leaf extracts of *Psoralea corylifolia* Linn. 7th Joint meeting of GA, AFERP, ASP, PSE and SIF, Athens, Greece. The abstract (PA 293) published in *Planta Medica* 9 (74): 1012, Self Funded
- Aeri Vidhu, Nahida (2018) Bioactivity guided isolation and characterization of iso-pimarene from stem bark of *Tecomella undulata* Seem. International Conference on Traditional Medicine, Phytochemistry and Medicinal Plants (TMedPM-2018), Tokyo, Japan, jointly funded by Jamia Hamdard and Self

### INVITED LECTURES

#### 2024

- **Plenary Address:** One- day faculty workshop on Emerging and established techniques for purification and characterization of phytoconstituents and synthetic molecules(14
- March 2024) Amity Institute of Phytochemistry and Phytomedicine (AIP & P), Amity University, UP, Noida, sponsored by SERB under SSR.
- **Panelist/Resource Person:** National Pharmacy Education Day, a tribute to Prof. ML Schroff, Pharma Anveshan 2024 (6 March 2024) SPER, Jamia Hamdard.

#### 2023

- **Resource Person:** Two-days FDP on Innovative research and Well Being, Phytopharmaceuticals: An Opportunity to develop potent botanical extracts (4-5 August 2023) ITS College of Pharmacy, Murad Nagar, Ghaziabad.
- **Invited Speaker:** International Research Conference on Pharmaceutical and Allied Sciences 2.0 (IRCPAS 2.0): 21 st Century Frontiers:Paradigm Shift in Research and Innovation: Strategy for Marker-Based Bioactivity Guided Fractionation of Botanical Extracts for the Targeted Receptors (April 2023) Faculty of Pharmaceutical Sciences, UCSI University, Kuala Lumpur, Malaysia.
- Abstract published: Vidhu Aeri and R. Sahaya Mercy in Current Trends in Biotechnology and Pharmacy Abstracts, , ISSN 0973-8916 (Print), 2230-7303 (Online)17
- **Subject Expert:**Capacity building and continuing medical education:Current trends in Ayurveda Drug development:Development of Computer Assisted Identification of Powdered Botanicals through Analytical Microscopy (30 January 2023) Regional Ayurveda Research Institute, Pune
- **Plenary Lecture:** 13 IASTAM Oration and Awards Function-2023 & International Conclave (21-22 January 23) DPSRU

#### 2022

- **Guest Lecture:** Identification of Medicinal and Herbal Plants Using DNA-Based Barcode Analysis (5 April 2022) AYUSH CME, CCMB, Hyderabad.
- **Chairperson:** Har Din Har Ghar Ayurved (3-8 October 2022) DPSRU
- **Resource Person:** Two days international conference on Recent Innovations: An holistic and integrated approach to Pharmaceutical science (23-24 September 2022) Gokhale Education Society's Sir Dr MS Gosavi College of Pharmaceutical Education and Research, Nashik

- **Chairperson (Technical Session):** 12 IASTAM Oration and Awards Function, International IASTAM Conclave 2022 ((29-30 July 2022) organized by Centre of Excellence in Unani Medicine, Jamia Hamdard
- **Guest of Honour:** 2<sup>nd</sup> International Conference on Innovations in Chemical, Biological and Pharmaceutical Sciences (18-19 Nov 2022) Institute of Pharmaceutical Research, GLA University, Mathura, UP

## 2021

- **Expert:** Application of DNA Barcoding in Indian Pharmacopoeia Monographs: Special Emphasis on Herbal and Phytopharmaceutical Drugs. Herbal monographs in Indian Pharmacopoeia, Phytopharmaceutical Division((4 March 2021) Indian Pharmacopoeia Commission, Government of India, Ministry of Health & Family Welfare), Ghaziabad, UP

## 2020

- **Plenary Lecture:** Development of IT Tool for Identity of Crude Powdered Botanicals through Analytical Microscopy (21-22 February 2020) 24th Annual Convention and National Conference of Society of Pharmacognosy: Phytomedicine for Human Health: Scope, Challenges and Emerging Trends 2020 organized by VJ's College of Pharmacy, Rajamundry, Andhra Pradesh.
- **Inaugural Lecture:** *Phytopharmaceuticals: a new class of drugs* (6 August 2020) E-Conference on Phytopharmaceuticals (PHP2020), School of Pharmaceutical Education & Research Jamia Hamdard
- **Invited Speaker:** *Phytopharmaceuticals: a new class of drugs* ((18 August 2020) Parul Institute of Pharmacy & Research, Parul University Vadodra, Gujarat
- **Panelist:** Issues and Challenges for the development of phytopharmaceutical drugs (26 February 2020) pre conference workshop, DPSRU in association with Deshbandhu College, Delhi University
- **Invited Speaker:** One Day National Webinar on Regular needs of traditional medicines, their resources and ethnopharmacology in development in herbal formulation: ethnopharmacology in development of phytopharmaceuticals: A new class of drugs ( 21 September 2020) organized by Sat Kaival College of Pharmacy, sponsored by IPGA, Sarsa Anand, Gujarat
- **Invited Speaker:** Phytopharmaceuticals: A new class of plant based drugs at one week Faculty Development Program on the Emerging trends in herbal drug research (11 November 2020) Glocal School of Pharmacy, Glocal University.

## 2019

- **Resource Person:** Process in Herbal Drugs and Phytopharmaceuticals Monograph development in Indian Pharmacopoeia- 2 Residential Course on Phytopharmaceuticals & Herbal Drugs Monograph Drafting, Verification & Validation (22-26 April 2019) Indian Pharmacopoeia Commission(IPC), Ghaziabad
- **Speaker:** one day National seminar on Development of Monographs on Herbal Drugs and Phytopharmaceuticals organized by Maharishi Arvind College of pharmacy, Jaipur, in association with IPC, (23 September 2019)
- **Chairperson:** Technical Session, 2<sup>nd</sup> Post-Doctoral Research Conclave (PDRC2019) 12 April 2019), Jamia Hamdard

## 2018

- Resource Person: PCI Sponsored continuing education program (CEP) on Recent Advancement and challenges in pharmaceutical education and research (3-5 October 2018) Noida Institute of Engineering and Technology, Pharmacy Institute, Greater Noida
- Chairperson: International Conference on challenges for global competitiveness of AYUSH and Natural Products and IASTAM Oration and award function (2-4 February 2018), DIPSRU

## 2017

- *Speaker: Pharmacognostic Identification of Crude drugs at National Workshop on Medicinal Botany to Drug Discovery (30-31<sup>st</sup> Jan, 2017), Ramjas College, University of Delhi*
- *Keynote Speaker: Role of Analysis: unlocking the potential of Natural Products , National Seminar on Contemporary issues in Analytical and Bioanalytical Research (16<sup>th</sup> September 2017), ITS College of Pharmacy, Dr. APJ Abdul Kalam Technical University, UP, Lucknow*

## 2016

- *Invited Speaker: Aristas: a novel source of Pharmacophores (9-11 Sept 2016), Sixth Euro-India International Conference on Holistic Medicine (ICHM-2016), Kottayam, Kerala*

## 2015

- Invited Speaker: Biosynthesis and Extraction of Secondary Plant Metabolites (19-22 Nov 2015) at 23<sup>rd</sup> National Conference of Association of Medical Biochemists of India, Department of Biochemistry, Pt. BD Sharma PGIMS, Rohtak
- Invited Speaker Plenary Lecture Session: Tool for Identification of Powdered Herbs Analytical Microscopy (TIPHAM), 19- 21 December 2015. 67th Indian Pharmaceutical Congress, Mysuru

## 2012

- Chairperson: India Pharma Convention (12 Feb 2012) organized by Udyog development foundation in collaboration with IHPA, DIPSAR
- Resource Person: To train the faculty in Pharmacognosy & Phytochemistry, Faculty Development Programme (18-19 Jan 2010) at LPU, Jalandhar
- Chairperson: A technical session on health Care in the National Conference, 3<sup>rd</sup> bhartiya Vigyan Sammelan and Expo ( 11-14 October 2012) organized jointly by Vijnana Bharati, PTU and LPU in collaboration with Punjab State Council for Science and Technology, LPU Punjab
- **Co-Chairman:** Scientific Paper Presentation in Pharmacognosy, Phytochemistry, Indigenous Drugs and Herbal Formulations 60<sup>th</sup> IPC (12-14 Dec 2008) New Delhi

## PROFESSIONAL TRAINING

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### Seminar / Workshop/ Conferences

## 2023

- **Fifth National Education Excellence Conclave (11 May 2023) Organized by Integrated Chambers of Commerce and Industry**

## 2020

- **Workshop on Extraction and Isolation of Phytoconstituents** (14-15 March 2020) Organized by Department of Pharmaceutical Sciences and Technology, Institute of Chemical Technology, Mumbai
- SFEC 2020: 7 International Congress of Society for Ethnopharmacology: Ethnopharmacology in development of scientifically validated quality products from medicinal plants and regulatory aspects. (15-17 February 2020) organised by SPER, Jamia Hamdard

## 2019

- UGC-SAP-DRS II sponsored one day seminar on Recent Advances in Pharmacotherapeutics (28 March 2019) SPER, Jamia Hamdard
- Current Trends in Therapeutics and Diagnostics of NAFLD, THSTI-AIIMS (10 December 2019) Translational Health Science and Technology Institute
- **Training Seminar:** Chromatographic Solutions: The science and Practice of HPLC (25 September 2019) by SPINCO Private Ltd, Noida, organized by SPER, Jamia Hamdard

## 2018

- Pharmaceutical Regulatory Landscape: Its Key Role and Functions, Industry-Academia Continuum (13 February 2018), SPER, Jamia Hamdard

## 2017

- **Workshop on Application of NMR Spectroscopy in Chemistry** (14 December 2017) SPER, Jamia Hamdard

## 2016

- Conference on 21<sup>st</sup> Century Challenges in Pharma Regulatory affairs: Redefining the Stratagem for global Competition (21 April 2016) organized by Jamia Hamdard, sponsored by Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Govt. of India
- International Convention on World Homoeopathy Day-Integrating Homoeopathy in Health Care (9-10 April 2016) Vigyan Bhawan, New Delhi
- National Seminar on Reassessing the basic elements of quality assurance for pharmaceutical performance using ICH Q10 guidelines (18 March 2016) organized by Jamia Hamdard, sponsored by Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Govt. of India
- National Conference on PAT and QbD-The enablers of Pharmaceutical quality (17 March 2016) Jamia Hamdard, sponsored by Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Govt. of India

## 2015

- 67th Indian Pharmaceutical Congress (19 - 21 December 2015) Mysuru
- **Faculty Development Programme: Workshop on Molecular Modeling and Docking Studies** (25 May 2015) Amity University, Uttar Pradesh
- Meeting of Coordinators/Program Incharge of IGNOU Study Centre/programme study centre 07173 - P (4 May 2015) organized by Regional Centre Delhi-1

## 2014

- Regulatory and Quality Aspects of Herbal Drugs and Botanicals (1 Feb 2014) organized by Department of Pharmacognosy and Phytochemistry, UGC-SAP sponsored second National Seminar, Faculty of Pharmacy, Jamia Hamdard

## 2011

- National seminar on Role of GCMS, Flash Chromatography and HPTLC in Botanical Drug development (17 Jan 2011) Faculty of Pharmacy, Jamia Hamdard

## 2010

- **Summer School on cutting edge technologies in life sciences** (15 – 30 June 2010) organized by Department of Biotechnology, Faculty of Science, Jamia Hamdard
- **National program for Training of Scientists & Technologists working in Government Sector Training program in Research Methodology, DST** (23-28 August 2010) organized by Department of Pharmacology, AIIMS
- **Training Workshop on Advances in Biotechnology** (8-13 November 2010) organized by TERI, sponsored by DST
- Presented paper 30 Annual Conference of Society of Toxicology (India) and Symposium on strategies for safety study requirements for herbal formulations (9-11Dec. 2010) Jamia Hamdard
- National Symposium on Epilepsy: Recent advances in drug discovery and treatment (13 Feb 2010) Jamia Hamdard
- International Conference on Recent Advances in Cardiovascular Sciences (RACS 4), 3-4 Feb 2010, DIPSAR

## 2009

- **Capacity building of women managers in higher education**, UGC, Klrori Mal College (27-31 Jan 2009) University of Delhi
- **National Workshop (North Zone) on Developing Quality Monographs for Pharmacopoeia for Herbs and Herbal Products** (27-28 Nov 2009) DIPSAR

## PROFESSIONAL AFFILIATIONS

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- Life Member
- 2016: American Association for Science and Technology (AASCIT)
- 2000: The Indian Pharmaceutical Association
- 1994: The Indian Society of Pharmacognosy
- 1991: The Indian Pharmacy Graduates' Association 562
- 1991: The Indian Hospital Pharmacists' Association 0772
- 2003: The Indian Society for Technical Education: LM 35712
- The Association of Pharmaceutical Teachers' of India LM 010
- 2004: European Society of Phytochemistry
- Indian Association of Analytical Chemists

## REFERENCES

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- Prof. Afshar Alam: Vice Chancellor, Jamia Hamdard; email [alam@jamiahamdard.ac.in](mailto:alam@jamiahamdard.ac.in); 9891971999
- Dr DBA Naryanan:Eminent Scientist; email [dba.narayana@gmail.com](mailto:dba.narayana@gmail.com); 9342582703