

# PROF. DR. NEERAJ KUMAR FULORIA

M. Pharm (Pharmaceutical chemistry), PhD (Pharmacy), MBA, PDCTM



## PROFESSOR

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## PROFESSIONAL SUMMARY

- \* **Qualification** : B. Pharm, M. Pharm (Ph. Chemistry), PhD (Pharmacy), MBA, PDCTM
- \* **Work experience** : 24 Years & 10 Months (Academic/Research/Industry); Presently working as Professor at Faculty of Pharmacy, AIMST University, Malaysia.
- \* **Publications (351)** : 03 (MOOC)  
08 (Books)  
101 (Book Chapters)  
16 (Patents)  
223 (Papers)
- \* **Research Grants** : 09 (National & International)
- \* **Research Supervision (PhD)** : 06 (Completed) + 07 (ongoing)
- \* **Research Supervision (PG)** : 07 (Completed)
- \* **Conference/Training/Seminars** : 153 (Resource Person - 90)
- \* **Indexing** : **Scopus:** [www.scopus.com/authid/detail.uri?authorId=25229981500](http://www.scopus.com/authid/detail.uri?authorId=25229981500)  
**Google:** <https://scholar.google.com/citations?user=oKljR2UAAAAJ>  
**Orcid:** <https://orcid.org/0000-0002-8970-5212>  
**ResearchGate:** [www.researchgate.net/profile/Neeraj-Fuloria-2](http://www.researchgate.net/profile/Neeraj-Fuloria-2)
- \* **Awards / Achievements (11)** :
  - ✓ Distinguished Research Excellence Award at ICNBGC-2026, Organized by Mewar University, India and Association of Chemistry Teachers (ACT) on 6–7 February 2026.
  - ✓ Listed among Top 10 Pharmacy & Pharmaceutical Sciences (based on H-index, AD scientific Index) of Malaysia, in 2025;
  - ✓ Featured in Top 2% Scientist list of Stanford University in 2025;
  - ✓ Featured in Top 2% Scientist list of Stanford University in 2024;
  - ✓ Chairman: AICHST-2023, Organized by AIMST university, Malaysia, on 25-26 November 2023.
  - ✓ Awarded with “Young Scientist Award 2022”, at 17th Indo-US Virtual International Conference, India in 2022;
  - ✓ “Inspirational Scientist Award”, in 9th International Scientist Awards on Engineering, Science & Medicine, India, in 2020;
  - ✓ Young achiever award” in 10th Indo Malaysian Conference in 2019
  - ✓ Best “Presentation Award” at ICMCMP Singapore in 2017
  - ✓ Appreciation award” at AIMST university, Malaysia in 2017;
  - ✓ Teacher of year award at Ram-Eesh Institutions, India in 2007

## A. PROFESSIONAL EXPERIENCE (24 YEARS & 10 MONTHS)

- Currently working as Professor in Pharmaceutical Chemistry unit Faculty of Pharmacy, AIMST University, Malaysia
- Total experience of **24 Years & 10 Months** in different capacities in academics and industry (Malaysia **12 Years & 09 Months in Academics**; and India **12 Years & 01 Month in Academics & Industry**).

## B. AWARDS & ACHIEVEMENTS (11)

- Honored with “Distinguished Research Excellence Award” at “International Conference on Recent Trends in Nano/Biotechnology and Green Chemistry (ICNBGC-2026), Organized by Department of Chemistry, Faculty of Science and Technology, Mewar University, India and Association of Chemistry Teachers (ACT) on 6–7 February 2026.
- Listed among Top 10 Pharmacy & Pharmaceutical Sciences (based on H-index, AD scientific Index) of Malaysia, in 2025.
- Featured among Top 2% Scientist in the World for the year 2024 by Stanford University, USA, published in 2025 (Based on Scopus Citation and author contribution).
- Featured among Top 2% Scientist in the World for the year 2023 by Stanford University, USA, published in 2024 (Based on Scopus Citation and author contribution).
- Chairman: AIMST International Conference on Health Science and Technology (AICHST-2023), “Trends in Health Science and Technology, Organized by AIMST university, Malaysia, on 25-26 November 2023.
- Received “Young Scientist Award 2022”, organized by APP at 17th Indo-US Virtual International Conference, India, on 21-22 Jan. 2022.
- Received “Inspirational Scientist Award”, in 9th International Scientist Awards on Engineering, Science & Medicine, Trichy, India, 12-13 Sep. 2020.
- Received “Young achiever award 2019”, organized by APP at 10th Indo-Malaysian Conference, at Kurnool, A.P., India, on 31st Aug. 2019.
- Received “Appreciation award” during Teachers Award Ceremony of Kedah State Malaysia, at AIMST University, Malaysia on 22nd May 2017.
- Received best Presentation award at 19 International Conference on Medicinal Chemistry & Molecular Pharmacology, at Singapore, 29-03-2017.
- Teacher of year in 2007, at Ram-Eesh Institute of Vocational and Technical Education, G. Noida, India.

## C. RESEARCH GRANTS (09)

- **Co-Investigator:** Therapeutic Potential of Pongamia pinnata-Derived Extracellular Vesicles (EVs) in Obesity-Induced BBB Dysfunction: A Planetary Health In Vitro Study. (GRTIN-RAG-DBS-04-2025) in **2025** for one year (RM 39700)
- **Co-Investigator:** Evaluation of Curcumin against TLR4/NF- $\kappa$ B p65 and CYP2E1/ROS/Nrf2 signalling pathways expression in an overabundant ethanol-induced animal model. Monash University Grant (MED/SEED2023/012), in **2023** for one year (RM 29434)
- **Co-Investigator** Fuloria NK, Fuloria S, Dahiya R, Dahiya S, Rishabh M, Received APP Research & Publication Grant Award “Synthesis, Characterization and Evaluation of Polyvinyl Alcohol Grafted Tamarind Seed Polysaccharide as Carrier for Nanodrug Delivery System”, in **2021** for one year (11300 MYR).
- **Principal-Investigator:** Fuloria S, Fuloria NK, Ugrappa S, Ravichandran M, Maheswaran S, Received FRGS Grant from Malaysia Greater Research Network System (MYGRANTS) under Ministry of Higher Education (MOHE) Malaysia, titled “Establishment of TOP-1 and EGFR inhibition mechanism of insilico docked and

synthesized novel CPT-11 analogues in oral squamous cell carcinoma.” In October **2020** for three years (117000 MYR).

- **Co-Investigator:** Ravichandran M, Fuloria NK, Fuloria S, Kurunathan S, Pattabhiraman L, Yusop FFBM, Received FRGS Grant from Malaysia Greater Research Network System (MYGRANTS) under Ministry of Higher Education (MOHE) Malaysia, titled “Synthesis and evaluation of Novel Chromone Analogues potential against Corona Virus.” In October **2020** for three years (150000 MYR).
- **Co-Investigator:** Ravichandran M, Fuloria NK, Fuloria S, Received research fund under LRGS/UMS/AIMST/2020, titled “Development of potential Biological as the Therapeutics and Prophylactics against TB” under Ministry of Higher Education (MOHE) Malaysia, in July **2020** (60000 MYR or 110000 INR)
- **Co-Investigator:** Pattabhiraman L, Ravichandran M, Fuloria NK, Fuloria S, Monover T, Received national FRGS Grant from Malaysia Greater Research Network System (MYGRANTS) under Ministry of Higher Education (MOHE) Malaysia, titled “Discovery of novel benzamidine analogues based silver nano-formulation for treatment of periodontitis due to *P. gingivalis*: A study that encompasses molecular docking, 3D-QSAR analysis, synthesis and silver nano-formulation of benzamidine analogues accompanied by toxicity analysis, in-vitro and in-vivo (egg model) evaluation against gingipain.” In October **2018** for three years. (140800 MYR)
- **Co-Investigator:** Sundram KM, Fuloria NK, Fuloria S, Ravichandran V, Received national FRGS Grant from Malaysia Greater Research Network System (MYGRANTS) under Ministry of Higher Education (MOHE) Malaysia, titled “Design and synthesis of new 6-Azauridine nucleoside analogues against DENV-2 virus NGC strain: A molecular docking, 3D-QSAR and in vitro C6/36 cell line activity based anti-dengue study.” In October **2018** for three years. (150000 MYR)
- **Co-Investigator:** Fuloria NK, Fuloria S, Received International Grant for “Tubulin Inhibition studies” in **2018**, from Jamia Hamdard, India. (5660 MYR)

## D. PUBLICATIONS (351)

- 16 (Patents)
- 03 (MOOC)
- 08 (Books)
- 101 (Book Chapters)
- 223 (Papers)

## D1. PATENTS (16)

### PATENTS GRANTED (13)

- Malviya R, Fuloria NK, Fuloria S, Subramaniyan V, Meenakshi DU, Nandkumar S. (2021). Polyacrylamide Grafted Tamarind Seed Gum Formulation and Method for Preparation Thereof. Australian patent, Patent No. 2021100876. Australia.
- Malviya R, Fuloria NK, Fuloria S, Subramaniyan V, Meenakshi DU, Vneteddu VG, Dahiya R, Dahiya S, Narra K, Ganesan P. (2021). Nanoparticle formulation and method for preparation thereof. Australian patent, Patent No. 2021101624. Australia.
- Malviya R, Fuloria NK, Fuloria S, Subramaniyan V, MD Unnikrishnan, DT Patel, VV Gangadhar, K Narra, A Sanjana, M Ajay. (2021) Carboxy-methylated polymer-based drug nanosuspension formulation and method of preparation thereof. Australian patent, Patent No. 2021102565. Australia.
- Malviya R, Mishra PR, Mishra R, Fuloria NK, Sundaram S, Fuloria S, Subramaniyan V, Meenakshi DU, Bajaj S, MendirattaA, Islam, M, Tiwari R, Dhamija K (2021). An air-cooling device with smart antimicrobial features. Application no. 2021/4650. South Africa.
- Malviya R, Sundram S, Awasthi R, Mishra S, Jindal S, Srivastava SP, Raj K, Kumar V, Singh B, Balusam B,

Dhanaraj RK, Fuloria, NK (2021). Acacia Chundra Gum Stabilized Highly Faced Nanoparticles for Controlled Drug Delivery. ApplicationNo. 2021103637. Australia.

- Azad AK, Srikumar C, Fuloria NK, Fuloria S, Poovi G, Malviya R, Meenakshi DU, Mendiratta A, Patel TD, Seng WY, Sharma PK, Subramaniyan V, Sundram S, Uddin H, Vanteddu VG, Yadav DZK (2021). Composition of a transdermal film for protiene and peptide-based therapeutic drug delivery in a non-invasive way. Application no. DE202021105304U1. Germany.
- Malviya R, Sharma PK, Md. AA, Sundra S, Kishore N, Vanteddu VG, Verma S, Fuloria NK, Fuloria S, Verma S, Singh PK, Sharma PK, Awasthi R, Subramaniyan V, Kaur A, Khatoon R (2021). Chronotherapeutic dosage form for the effective treatment of disease. Application No. 2021107459. Australia.
- Malviya R, Fuloria NK, Fuloria S, Subramaniyan V, Wu YS, Chakravarthi S (2021). Glass separator for nanoparticles. Indian patent, Application No. 337830-001. Indian Patent Trademark Office, Delhi, India.
- Malviya R, Fuloria NK, Fuloria S, Subramanian V, Meenakshi DU, Sundram S, Kishore N, Dipakbhai TP, Vanteddu VG, Khan SA, Kurra P (2021). Neem (Azadirachita indica) Gum Based in Situ Gelling System for Targeted Delivery of Simvastatin into Stomach. Application No. 2021103679. Australia.
- Malviya R, Mishra PR, Mishra R, Fuloria NK, Sundaram S, Fuloria S, Subramaniyan V, Meenakshi DU, Bajaj S, Mendiratta A, Islam M. An air-cooling device with smart antimicrobial features. South Africa patent. 2021(2021/4650).
- Malviya R, Sundram S, Fuloria NK, Fuloria S, MP Singh, Subramaniyan V, Tiwari N, Unnikrishnan MD, Srivastava SP, Chauhan V, Mishra S (2021). Method and Process to Develop Herbal Shampoo against Pediculus Humanus Capitis De Geer (Head Louse). Application No. 2021104305. Australia.
- Alavala RRK, Awasthi R, Azad AK, Babu RN, B RR, Dhiman N, Fuloria NK, Fuloria S, Malviya R, Meenakshi DU, MohammadJ, Rao GSNK, Sekar M, Singh A, Srivastava SP, Subramaniyan V, Sundram S, Tiwari N, Yagnik SK. Eine Vorrichtung zur Herstellung von modifiziertem Babul-Gummi aus Acacia Nilotica. Patent no. G11839DE. Germany.
- Malviya R, Sundram S, Alam MA, Mishra PS, Mishra R, Fuloria NK, Fuloria S, Subramaniyam V, Gupta SK, Chaudhary S, Sharma PK, Natesan G, Sekar M, Verma S, Chauhan A, Dubey A, Varshney S. A formulation and a method to develop transdermal film for the delivery model protein drug through non-invasive route. Patent no. 2022/00715. South Africa.

## **PATENTS FILED (03)**

- Lalitha P, Ravichandran M, Fuloria NK, Fuloria S, Kavitha R, Sa'ad MA. Benzamidine Analogues for inhibiting activity of Gingipains. Malaysia, 2023. (Application no. P12022006395)
- Ravichandran M, Fuloria NK, Lalitha P, Fuloria S, Kavitha R, Sa'ad MA. Design, Synthesis, and Biological evaluation of 4-hydroxycoumarin derivatives against coronavirus. Malaysia, 2023.
- Fuloria S, Fuloria NK, Jagadeesan D, Ravichandran M, Kathiresan S. Camptothecin analogues as anticancer agents against oral squamous cell carcinoma and the method of production thereof in Malaysia. 2024

## **D2. MOOC (03)**

- "Basics of 1H-NMR and data interpretation" in **2017**, at [udemy.com](https://www.udemy.com/)
- "Principles and practices of production management" in **2015**, at [openlearning.com](https://www.openlearning.com/)
- "Introduction to glycosides and resins" in **2015**, at [openlearning.com](https://www.openlearning.com/)

## **D3. BOOKS (08)**

- Sharma S, Sharma A, Fuloria NK, Fuloria S, editors. Blockchain For Healthcare Data Management: A New Approach to Security and Privacy. Taylor & Francis; 2025. (ISBN: 978-1-032-86629-1)

- Sharma A, Sharma S, Singh PK, Fuloria NK. Optimized Healthcare: Leveraging Technology for Efficiency and Accessibility (Part 1). Bentham Books, 2025. (ISBN: 979-8-89881-157-0; eISBN: 979-8-89881-156-3 Online)
- Sharma A, Fuloria NK, Singh PK, Sharma S. The Digital Pillbox: Integrating AI, IoT, and Pharma Solutions (Part 2). Bentham Books. 2025. (e-ISBN: 979-8-89881-069-6, ISBN: 979-8-89881-070-2). DOI: 10.2174/97988988106961250101
- Fuloria NK, Malviya R, Verma S, Balusamy B, “Big Data in Oncology: Impact, Challenges, and Risk Assessment”, 2023, River Publishers, Denmark (Partner of Taylor and Francis) (ISBN: 9788770228138)
- Fuloria NK, Fuloria S, Kumar S, Singh A, “Fundamentals of Pharmacoeconomics”, 2018, Nirali Prakashan, India (ISBN:978-93-87686-41-0)
- Fuloria NK, Fuloria S, Sathasivam KV, Karupiah S, Balaji K, “Principles and Practices of Traditional, Complementary & Alternative Medicine”, 2017, Nirali Prakashan, India (ISBN: 978-39-86353-63-4)
- Fuloria NK, Fuloria S, Dhanaraj SA, “Principles and practices of industrial management”, 2015, Studium Press LLC USA, (ISBN: 1-62699-058-1)
- Fuloria NK, Fuloria S, “Spectroscopy: Fundamentals & Data Interpretation”, 2013, Studium Press India Pvt. Ltd, India, (ISBN: 978-93-80012-58-2)

#### **D4. BOOK CHAPTERS (101)**

1. Subramaniyan V, Dhanasekaran M, Kumar M, Sekar M, Fuloria NK, Fuloria S, Kuppusamy G, Reddy KVVS. Food and Nutrition as a Medicine Class for the Prevention and Treatment of Neurodegenerative Disorder. In: Therapeutic Potential of Natural Products in Neurodegenerative Disorders. 2026, 1<sup>st</sup> edition, CRC Press. DOI: 10.1201/9781003478652-17
2. Fuloria NK, Sharma A, Sunita AS, Sharma S. Mucosal Vaccines for Gastrointestinal Infections. Mucosal Vaccine Delivery Systems: The Future of Immunization (Part 1), Bentham Books. 2025:139. 10.2174/9789815324570125010008
3. Sharma S, Sharma A, Verma A, Fuloria NK, Sharma A. Enhancing Skin Cancer Detection with Transfer Learning and Deep Learning. 2025. Pp: 233-272 (40). DOI: 10.2174/9798898811952125010011
4. Sunita, Sharma A, Sharma S, Fuloria NK, Verma A. Role of IoT in Remote Dermatology Monitoring. In: AI and IoT-Enhanced Skin Cancer Detection and Care (Part 1), Bentham Books. 2025, Pp: 101-135 (35). DOI: 10.2174/9798898811952125010007
5. Upadhyay S, Upadhyay P, Fuloria NK. Technologies in Pharmacy Education. In Technical Advances in Pharmacy: An Overview 2025 (pp. 251-272). Bentham Science Publishers. DOI: 10.2174/9798898812379125010014
6. Rahaman SKA, Fuloria NK, Sharma S, Sharma A, Sharma A. IoT, Medications, and Integration with Online Pharmacies. In book: The Digital Pillbox: Integrating AI, IoT, and Pharma Solutions (Part 2). Bentham Books. 2025. DOI: [10.2174/9798898810696125010010](https://doi.org/10.2174/9798898810696125010010)
7. Fuloria NK, Sharma A, Sunita AS, Sharma S. Personalized Medicine: AI-Driven Prescription Plans. 200-233 (34), 2025. In book: The Digital Pillbox: Integrating AI, IoT, and Pharma Solutions (Part 2). DOI: 10.2174/9789815324457125010010
8. Fuloria NK, Sharma A, Sunita AS, Sharma S. Economic Impacts of Mucosal Vaccination Programs, 37-71 (35), 2025. In book: The Digital Pillbox: Integrating AI, IoT, and Pharma Solutions (Part 2). DOI: 10.2174/9798898810245125010005.
9. Sharma A, Verma A, Sharma A, Sunita, Fuloria NK, Sharma S. Innovative Payment Models and Financial Technology in Healthcare. In: Optimized Healthcare: Leveraging Technology for Efficiency and Accessibility (Part 1) 2025. DOI: [10.2174/9798898811594125010009](https://doi.org/10.2174/9798898811594125010009)
10. Sharma A, Sharma S, Singh PK, Fuloria NK. Blockchain in Healthcare Ensuring Security and Transparency. In: Optimized Healthcare: Leveraging Technology for Efficiency and Accessibility (Part 1) 2025. DOI: 10.2174/9798898811563125010011

11. Fuloria NK, Fuloria S, Sekar M, Ansari MT, Khor GH, Biswas A, Narain K, Biswas S, Bhatia S. Introduction to Cellular Senescence. Springer, 2025. DOI: 10.1007/978-981-96-8873-9\_2
12. Sharma S, Sunita, Verma A, Sharma A, Fuloria NK, Sharma A. Global Perspectives: Implementing Blockchain in Healthcare Systems. In book: Blockchain For Healthcare Data Management. Routledge, 2025. DOI: 10.4324/9781003529910
13. Fuloria NK, Fuloria S, Sekar M, Narain K, Kumar S. Introduction to lung cancer. In Lung Cancer and Environmental Toxicants 2025 (pp. 1-15). Academic Press. <https://doi.org/10.1016/B978-0-443-30120-9.00001-5>
14. Anand A, Mruthunjaya K, Manjula SN, Fuloria NK, Vikram HP. Functional Foods and Nanocarriers for the Management of Gastrointestinal Inflammations. In Gastrointestinal Inflammations and Gut Microbiota (pp. 262-279), 2025. CRC Press. DOI: 10.1201/9781003493143-15
15. Sharma A, Sunita, Sharma A, Verma A, Sharma S, Fuloria N K. Blockchain and AI Integration in Patient Care. In book: Blockchain For Healthcare Data Management. Routledge, 2025. DOI: 10.4324/9781003529910-8
16. Sharma A, Sharma A, Verma A, Sunita, Fuloria NK, Sharma S. Decentralised Identity Management in Healthcare. In book: Blockchain For Healthcare Data Management. Routledge, 2025. DOI: 10.4324/9781003529910-5
17. Sharma S, Sharma A, Fuloria NK, Fuloria S. Blockchain For Healthcare Data Management: A New Approach to Security and Privacy. In book: Blockchain For Healthcare Data Management. Routledge, 2025. DOI: 10.4324/9781003529910-11
18. Sharma A, Sunita, Sharma A, Verma A, Sharma S, Fuloria NK. Blockchain for Clinical Trials and Research Data Integrity. In book: Blockchain For Healthcare Data Management. Routledge, 2025. DOI: 10.4324/9781003529910-11
19. Sunita, Sharma A, Verma A, Sharma A, Fuloria NK, Sharma S. The Evolution of Patient Data Security. In book: Blockchain For Healthcare Data Management. Routledge, 2025. DOI: 10.4324/9781003529910-2
20. Mruthunjaya K, Manjula SN, Fuloria NK, Sharma H, Anand A, Pathak R. Biowaste from Citrus Reticulata Peels as an Effective Antiepileptic. In Valorization of Citrus Food Waste 2025 (pp. 109-130). Springer, Cham. [https://doi.org/10.1007/978-3-031-77999-2\\_7](https://doi.org/10.1007/978-3-031-77999-2_7)
21. Subramaniyan V, Fuloria NK, Fuloria S. Animal models used in screening antidiabetic drugs from natural sources. In Antidiabetic Drug Discovery from Natural Products 2025 (pp. 457-476). Elsevier. <https://doi.org/10.1016/B978-0-443-30086-8.00002-4>
22. Fuloria NK, Fuloria S, Sekar M, Narain K, Kumar S. Introduction to Environmental Toxicants. In Gut Microbiome and Environmental Toxicants 2025 (pp. 1-22). CRC Press. DOI:10.1201/9781003489221-1
23. Anand A, Manjula SN, Fuloria NK, Sharma H, Mruthunjaya K. Inulin as a Prebiotic and Its Effect on Gut Microbiota. In Inulin for Pharmaceutical Applications: A Versatile Biopolymer 2025 (pp. 113-135). Singapore: Springer Nature Singapore. DOI: [https://doi.org/10.1007/978-981-97-9056-2\\_6](https://doi.org/10.1007/978-981-97-9056-2_6)
24. Yadav D, Malviya R, Kumar A, Fuloria N. The Implications of Pharma Marketing to Improve Return on Investment (ROI). Pharma Marketing and Pharmacoeconomics: Opportunities, Challenges, and the Way Forward. 2024:225. DOI: 10.1201/9781003506362-11
25. Tune BXJ, Wu YS, Guad RM, Manap ASA, Afzal S, Baturalaie K, Choy KW, Fuloria NK, Fuloria S, Subramaniyan V, Sekar M. Preclinical Therapeutic Effects of Quercetin on Gastrointestinal Cancers. In: Quercetin – Effects on Human Health. IntechOpen, London, 2024. DOI: 10.5772/intechopen.1004556
26. Bajaj S, Fuloria NK, Fayaz F, Kumar B, Fuloria S, Pottoo FH. Bioactive Nutraceuticals for Amyotrophic Lateral Sclerosis. In: Exploring Complementary and Alternative Medicinal Products in Disease Therapy. IGI Global, Pennsylvania, 2023. <https://doi.org/10.4018/978-1-7998-4120-3.ch001>
27. Porwal O, Singh A, Singh SK, Fuloria NK, Patel DK, Chitranshi N, Gupta S, Varshney P. Patent Landscape of Nanopesticides, Nanoherbicides, and Nanofertilizers. In: Nanopesticides,

Nanoherbicides, and Nanofertilizers. CRC Press, 2023. <https://doi.org/10.1201/9781003364429-8>

28. Subramaniyan V, Fuloria S, Sekar M, Shamugavelu S, Vijeepallam K, Kumar U, Narain K, Meenakshi Du, Fuloria NK. Targeting Epigenetics in Inflammatory Lung Diseases. In: Balachnadrane V. Introduction to lung diseases. Springer nature, 2023. [https://doi.org/10.1007/978-981-99-4780-5\\_1](https://doi.org/10.1007/978-981-99-4780-5_1)
29. Francis AP, Khan SA, Fuloria S, Fuloria NK, Meenakshi DU. Big data and precision oncology in healthcare. In: Fuloria NK, Malviya R, Verma S, Padmanaban SK, Balusamny B. Big Data in Oncology: Impact, Challenges, and Risk Assessment. River Publishers, Denmark, 2023, 47-65.
30. Meenakshi DU, Ahuja A, Francis AP, Kishore N, Kurra P, Fuloria S, Fuloria NK. Big Data in Disease Diagnosis and Healthcare. In: Fuloria NK, Malviya R, Verma S, Padmanaban SK, Balusamny B. Big Data in Oncology: Impact, Challenges, and Risk Assessment. River Publishers, Denmark, 2023, 143-164.
31. Verma A, Sharma A, Singh A, Malviya R, Fuloria NK. Digital Assistant in Pharmaceutical Field Advancing Healthcare System. In: Malviya R, Sundram S, Fuloria S, Meenakshi DU. Pharmaceutical Industry 4.0: Future, Challenges & Application. River Publishers, Denmark, 2023, 213-246.
32. Fuloria S, Subramaniyan V, Sekar M, Wu YS, Chakravarthi S, Nordin RB, Sharma PK, Meenakshi DU, Mendiratta A & Fuloria NK, "Introduction to Microbiome", In: Gupta G, Oliver BG, Dua, K, Singh A, MacLoughlin R. (eds) Microbiome in Inflammatory Lung Diseases. Springer, Singapore, 2022. [https://doi.org/10.1007/978-981-16-8957-4\\_2](https://doi.org/10.1007/978-981-16-8957-4_2)
33. Varshney S, Bharti M, Sundram S, Malviya R, Fuloria NK. The Role of Bioinformatics Tools and Technologies in Clinical Trials. In: Bioinformatics Tools and Big Data Analytics for Patient Care (pp. 1-16). Chapman and Hall/CRC, 2022. <https://doi.org/10.1201/9781003226949>
34. Mishra S, Sharma D, Srivastava SP, Raj K, Malviya R, Fuloria NK. Telemedicine: The Immediate and Long-Term Functionality Contributing to Treatment and Patient Guidance. In: Choudhury T, Katal A, Um JS, Rana A, Al-Akaidi M. Telemedicine: The Computer Transformation of Healthcare. TELE-Health. Springer, Cham. 2022. [https://doi.org/10.1007/978-3-030-99457-0\\_17](https://doi.org/10.1007/978-3-030-99457-0_17)
35. Meenakshi DU, Nandakumar S, Francis AP, Sweetey P, Fuloria S, Fuloria NK, Subramaniyan V, Khan SA. Deep Learning and Site-Specific Drug Delivery: The Future and Intelligent Decision Support for Pharmaceutical Manufacturing Science. Malviya R, Ghinea G, Dhanaraj RK, Balusamy B, Sundram S. In: Deep Learning for Targeted Treatments: Transformation in Healthcare, 16:1-38, 2022. <https://doi.org/10.1002/9781119857983.ch1>
36. Subramaniyan V, Fuloria NK, Fuloria S, Hazarika I. Drug Treatment of Diarrhea. In: Textbook of Pharmacology, P 493- 496, Thieme Publications, India, 2021.
37. Fuloria NK, Fuloria S, Kumar S, Singh A. Introduction to pharmacoeconomics. In book: Fundamentals of Pharmacoeconomics. Nirali Prakashan, 2018. ISBN:978-93-87686-41-0
38. Fuloria NK, Fuloria S, Kumar S, Singh A. Costs in pharmacoeconomics. In book: Fundamentals of Pharmacoeconomics. Nirali Prakashan, 2018. ISBN:978-93-87686-41-0
39. Fuloria NK, Fuloria S, Kumar S, Singh A. Outcomes and perspectives in pharmacoeconomics. In book: Fundamentals of Pharmacoeconomics. Nirali Prakashan, 2018. ISBN:978-93-87686-41-0
40. Fuloria NK, Fuloria S, Kumar S, Singh A. Health related quality of life. In book: Fundamentals of Pharmacoeconomics. Nirali Prakashan, 2018. ISBN:978-93-87686-41-0
41. Fuloria NK, Fuloria S, Kumar S, Singh A. Pharmacoeconomic methods. In book: Fundamentals of Pharmacoeconomics. Nirali Prakashan, 2018. ISBN:978-93-87686-41-0
42. Fuloria NK, Fuloria S, Kumar S, Singh A. Cost benefit analysis. In book: Fundamentals of Pharmacoeconomics. Nirali Prakashan, 2018. ISBN:978-93-87686-41-0
43. Fuloria NK, Fuloria S, Kumar S, Singh A. Cost effective analysis. In book: Fundamentals of Pharmacoeconomics. Nirali Prakashan, 2018. ISBN:978-93-87686-41-0
44. Fuloria NK, Fuloria S, Kumar S, Singh A. Cost of illness analysis. In book: Fundamentals of Pharmacoeconomics. Nirali Prakashan, 2018. ISBN:978-93-87686-41-0

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## E. POST GRADUATE RESEARCH SUPERVISION

### PHD (COMPLETED 06)

- **Yoghinni Manogaran:** Synthesis, and evaluation of anticancer potential of some new benzopyran analogues using MTT and In vitro scratch assays, at AIMST university, Malaysia (**Co-Supervisor**)
- **Mohd. Auwal Sa'ad (2024):** Synthesis, Characterization and Biological Evaluation of Novel Oxadiazole Derivatives of Benzamidine Against Gingipain, at AIMST university, Malaysia (**Main Supervisor**)
- **Ajay Jain (2024):** Synthesis, characterization, and evaluation of novel  $\beta$ -lactam based benzamidine analogues against *P. gingivalis*, at AIMST university, Malaysia (**Main Supervisor**)
- **Sridevi Ugrappa (2024):** Synthesis, characterization and evaluation of novel CPT11 analogues against oral squamous cell carcinoma, at AIMST university, Malaysia (**Co-Supervisor**)
- **Darshini Jagadeesan (2024):** Determination of Top-1 and EGFR inhibition mechanism of in silico docked and synthesized novel CPT-11 analogues against oral squamous cell carcinoma (OSCC) , at AIMST university, Malaysia (**Co-Supervisor**)
- **Ramasamy Kavitha (2023):** Synthesis, Characterization and Biological Evaluation of Novel Oxadiazole Derivatives of Benzamidine Against Gingipain, at AIMST university, Malaysia (**Co-Supervisor**)

### PHD (ONGOING 07)

- **Shalini Shanmugavelu:** Biosynthesis, characterization and biological evaluation of different metallic nanoparticles of plant belonging to Nelumbonaceae family, at AIMST university, Malaysia (**Main Supervisor**)
- **Asif Ahmad Bhat:** Synthesis, characterization, in vitro antioxidant, anticancer, cell viability and In-silico analysis of some new chromone analogues (**Main Supervisor**)
- **Gudugunta Leneena:** Green Synthesis, Optimization, Characterization and In Vitro Evaluation of Juglan regia L. Blended Chitosan Nanoconjugates: The Newer Intracanal Medicament, at AIMST university, Malaysia (**Co-Supervisor**)
- **Sangeetha Alagasamy:** Synthesis, characterization, cytotoxicity analysis and anti-dengue activity of new uridine derivatives: The DENV-2 inhibitors, at AIMST university, Malaysia (**Co-Supervisor**)
- **Md. Noor Alam:** Evaluation of Anticancer and Chemosensitizing Potentials of New Imino Derivatives of Coumarin Encapsulated in Graphene Oxide and MXene Nanocarriers in Esophageal Squamous Cell Carcinoma Cells (**Co-Supervisor**)
- **Sarah Andrew Grace:** Synthesis, characterization, in-vitro toxicity analysis, in-vitro antimicrobial activity, molecular docking, and QSAR analysis of novel azomethines, at AIMST university, Malaysia (**Co-Supervisor**)
- **Riya Thapa:** Green synthesis, characterization, evaluation of invitro toxicity, in vitro anticancer and antioxidant activity of metallic nanoparticles

## M. PHARM / MSC. COMPLETED

- Preeti Rathi (2024): In vitro evaluation of antimicrobial and antioxidant properties of natural product based preparations in various proportions as a potential salivary substitute Faculty of Medicine, AIMST university, Malaysia (**Co-Supervisor**)
- Mohd. Awal Saad (2020): Synthesis, characterization and biological evaluation of newer benzamidine analogues against *P. gingivalis*", Faculty of Medicine, AIMST university, Malaysia (**Co-Supervisor**)
- AV Mundhe (**2013**): Formulation and & Evaluation of Pulsincap Technique Assisted Colon specific Multiparticulate Pulsatile" at Amravati University, India (**Main Supervisor**)
- AR Dhole (**2013**): Quality development and process validation of solid dosage form: tablets", at Amravati Univ., India.
- NK Narwade (**2013**): Development & Validation of UV method for Simultaneous Estimation of API in Tablet Dosage form", at Amravati University, India. (**Main Supervisor**)
- VR Dane (**2013**): RP-HPLC method Development and Validation for Simultaneous Estimation of Antihypertensive Drugs in Pharmaceutical Formulation", at Amravati University. (**Main Supervisor**)
- C. S. Sonar (**2013**): Quality development and process validation of oral solid dosage form: tablet", at Amravati University, India. (**Co-Supervisor**)

## F. CONFERENCES/SEMINAR/WEBINAR/WORKSHOP/TRAINING

### BEING RESOURCE PERSON (90)

1. **Keynote Speaker**, International Conference on Recent Trends in Nano/Biotechnology and Green Chemistry (ICNBGC-2026), Organized by Department of Chemistry, Faculty of Science and Technology, Mewar University, India and Association of Chemistry Teachers (ACT) on 6–7 February 2026.
2. **Resource Person**, 5 days international Faculty Development Program on, "AI driven Teaching, Industry-Expert insights, student psychology, scientific writing, accreditation practices, and UN-sustainable Development Goals (UN-SDGs)" organized by the School of Pharmaceutical Sciences, Shri Guru Ram Rai University, Dehradun from 16 February 2026 to 20 February 2026.
3. **Key speaker**, Indo-Korean Conference on, "Innovations and future challenges in current drug discovery and development", Organized by VIPS (India), APP (India) and APP (Korea), on 05-06 December 2025
4. **Plenary Speaker**: "Advancing Siddha medicine Research with Orthomolecular and Light Therapies", AIMST International Conference on Siddha Medicine (AICSM 2025), Organized by AIMST University, Malaysia, on 22–23 November 2025.
5. **Key Speaker**: APP 14<sup>th</sup> Annual International Convention - Theme: Innovations and Future Challenges in Current Drug Discovery & Development (5<sup>th</sup>-6<sup>th</sup> December, 2025), Organized by Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada, India and APP Andhra Pradesh state Branch, APP Korean International Branch and APP Molecular Pharmacology division.
6. **Resource Person**: "IR and NMR Spectrometric data Interpretation", Guest Talk Organized by RV Northland Institute, G. Noida, India, on 6<sup>th</sup> October 2025.
7. **Plenary Speaker**: International Conference on International Conference on Health Science and Technology 2025 "Indo-Malaysian - Health Science & Technology Summit 2025", Organized by P.R.S Educational Trust, SPER-Jamia Hamdard, Sir Jeffrey Cheah Sunway Medical School, Sunway University, Malaysia, at New Delhi, 4-5<sup>th</sup> October 2025.
8. **Resource Person**: International Faculty Development Program on the topic "Emerging trends and Innovative Practices in Pharmacy Education and Research" held from 13 Oct'25 to 17 Oct'25 at Sri Sai RR Institute of Pharmacy, Sarsol, Aligarh, UP, India

9. **Resource Person/Trainer:** “Blood Test Interpretation workshop”, Organized by AIMST-ICTC and MISAA, Malaysia on 21 September 2025.
10. **Plenary Speaker:** International Conference on “Global Perspectives on CNS Disorders”, Organized by Paavai College of Pharmacy & Research, Tamil Nadu, India, 28 August 2025.
11. **Resource Person:** International Webinar “Healing with Light: A Scientific Insight into Chromotherapy” organized by Amity university Bangalore, India on 18-08-2025.
12. **Resource Person:** 3 Days International FDP on “Fostering innovations in Pharmaceutical Research & Teir IP Protections, Organized by Rama University, Kanpur, India, 23-07-25.
13. **Keynote Speaker:** International Conference on Artificial Intelligence in Pharmaceutical Research, Organized by Sri Sai RR Institute of Pharmacy, Aligarh, UP, India, 12 April 2025.
14. **Resource Person/Trainer:** Workshop on IR and 1H-NMR data Interpretation, organized by SNIOP, Pusad, Maharashtra, India on 20-01-2025.
15. **Speaker:** International Conference on Growth, Sustainability, and challenges in Multidisciplinary Research, Organized by Indirapuram Institute of Higher Studies, India, on 22 February 2025.
16. **Keynote Speaker:** International Conference on Pharmaceuticals, Microbiology & Intellectual Property: Collaborating for Global Health Solutions Organized by In Collaboration with P.R.S. Educational Trust Disha Group of Institutions Disha Medfusion-2025, on 10 February 2025.
17. **Plenary Speaker:** International Conference - Pharmainnovate summit 2024. Organized by Galogotias university, India, on 16 November 2024.
18. **Speaker:** Faculty Development Program on innovation, learning and research scenario in pharmaceutical sector-a changeover. Organized by Galogotias university, India, on 19 July 2024.
19. **Plenary Speaker:** International Conference on “Exploring Innovations in Agricultural, Biological, Chemical, Environmental, and Forensic Sciences, Organized by Paliwal P. G. College, U.P., India; Academy for Environment & Life Sciences, India University of Agricultural Science, Raichur, India COM, University of Hail, KSA; Genome Biotech, U.P., SAAR, India; ICRSD, India, on 25-26 May 2024.
20. **Speaker,** World Health Day / Public Outreach Cum International Symposium, organized by HK Trading Limited, Chaguanas in collaboration with Association of Pharmacy Professionals, India & Trinidad & Tobago Cancer Society at La Vega Estate, Gran Couva, Trinidad and Tobago, West Indies, on 13 April 2024.
21. **Plenary Speaker,** International Conference on Environment, social & Governance and Sustainability in Dentistry, organized by Faculty of Dentistry, AIMST University, Malaysia, on 23-24 March 2024.
22. **Invited Speaker,** International Faculty Development Program. Organized by School of Medical and Allied Sciences & Institute’s Innovation Council Galgotias University, India, on 13 March 2024.
23. **Key speaker,** Indo-Malaysian Conference on, “Global Challenges & Future Perspectives of Pharmaceutical Sciences”, Organized by VIPS (India), APP (India) and APP (Malaysia), on 23-24 February 2024.
24. **Key speaker,** Indo-Malaysian Conference on, “Global Challenges & Future Perspectives of Pharmaceutical Sciences”, Organized by VIPS (India), APP (India) and APP (Malaysia), on 23-24 February 2024.
25. **Invited speaker,** One Week Faculty Development Program on "Research Methodology, Bibliometric Analysis and Data Analysis using R" [Online Mode] from 22-28 July 2023, organized by 'Society of Education, India, European Laser Academy Germany, University of Agricultural Sciences, Raichur (Karnataka), Genome Biotech, Mathura' In Association with 'Office of the Principal Scientific Adviser to the Government of India ' [Under Waste to Wealth Mission].
26. **Invited speaker,** International conference on, “Multidisciplinary Approaches in Engineering, Science, Agriculture & Social Studies-MAESASS-2023”, Organized by CRSD & SOE India and ELA, Germany on 3-4 June 2023.
27. **Invited speaker,** International conference on, “Current and future perspectives on pharmaceuticals in health care”, Organized by PRSET, Jamia Hamdard and DIPSARU, India on 30 April 2023.
28. **Keynote speaker,** International conference “Industry Driven Pharmaceutical education and research: current trends and future prospects-2023”, Organized by Chandigarh College of Pharmacy, India, on 27-04-2023 to 28-04-2023.

29. **Invited speaker**, One Week Virtual Faculty Development Program on “Multidisciplinary Research an Insight into Futuristic Science”, Organized by Hindustan College of Arts & Science and AIMST University, from 17-04-2023 to 25-04-2023.
30. **Invited speaker**, University Geomatika Malaysia, 30<sup>th</sup> December 2022.
31. **Invited speaker**, Global Immersion Program at AIMST University for HICAS Students. AIMST university, 19<sup>th</sup> October 2022.
32. **Invited Speaker**, at International e-Symposium "Role of Pharmacist in Healthcare", organized by SSGM College of Pharmacy, Maharashtra, India on 24th September 2022 (Online)
33. **Invited Speaker**, in Pharmacon 2022 International conference, Suresh Gyan Vihar University, India, on 30<sup>th</sup> April 2022.
34. **Keynote Speaker**, International Webinar. Organized by Monad university. 12 August 2021.
35. **Invited Speaker**, International e-Conference “Dishabodh: Career opportunity for budding students” SAM global University, India, 12-18 July 2021.
36. **Invited Speaker, Webinar**, International Webinar. Organized by Invertis university. 11-12 June 2021.
37. **Invited Speaker, Webinar**, 1st International Conference on Emerging Global Trends in Agricultural, Biological and Pharmaceutical Sciences. 12-14 June 2021.
38. **Invited Speaker, Webinar**, Five Day Faculty Development Program (FDP) on the topic entitled “Recent Advances in Pharmaceutical Sciences”. IIMT UNIVERSITY School of Pharmaceutical Sciences and IIMT College of Medical Sciences. 9th June, 2021-13th June 2021.
39. **Session Chair**, Alnoor-AIMST E-conference, at AIMST University, Malaysia, 9-11 April 2021.
40. **Invited Speaker, Webinar**, “Learning and Triggers in Current Scenario”, organized by AMITY University, MP, India, on 16<sup>th</sup> April 2021.
41. **Invited Speaker, Webinar**, “Learning in Real Life Scenario”, organized by Invertis University, Uttar Pradesh, India, on 20<sup>th</sup> March 2021.
42. **Invited Speaker, Webinar**, “Learning in Real Life Scenario”, organized by Accurate College of Pharmacy, G. Noida, India, on 21<sup>st</sup> January 2021.
43. **Invited Speaker, International Webinar**, “Orthomolecular Medicines; The treatment approach using right molecules”, organized by SGSITS, Indore, India, on 16 January 2021.
44. **Invited Speaker**, in five days Faculty Development Programme entitled “Recent advances in Pharmaceutical Sciences”, as guest speaker, organized by IIMT university, India, on 20th May 2021. (Online)
45. **Invited Speaker**, “Emerging global trends in agricultural, biological, and pharmaceutical sciences”, as Speaker, organized by Biology, Agriculture, SciTech And Agriculture Congress Association, India, on 12-14 June 2021. (Online)
46. **Invited Speaker**, in international webinar on the theme “Covid-19: Challenges for pharmaceutical sector and future planning”, as Keynote speaker, organized by Invertis Institute of Pharmacy, Invertis University, India, on 11-12th June 2021. (Online)
47. **Invited Speaker**, in webinar on the theme “Learning and Triggers in Current Scenario”, as guest speaker, organized by Amity Institute of Pharmacy, Amity University, India, on 16th April 2021. (Online)
48. **Invited Speaker**, APP Annual International Convention, “Orthomolecular medicine: the TCM Approach”, at Sunrise university, Rajasthan, India, on 19th-20th December 2020.
49. **Invited Speaker**, in International Webinar titled “Disha Bodh: Opportunities for Budding Students”, as Keynote speaker, organized by Sam Global University, Bhopal, India, on 17th July 2021. (Online)
50. **Invited Speaker**, in International e-conference on “Writing A successful Research Grant Application: An art”, as Key speaker, organized by Faculty of Pharmacy, Monad University, India, on 12th August 2021. (Online)
51. **Invited Speaker: International Webinar** on “Basic concepts of Mass Spectroscopy and Recent trends in its Application”, organized by NITTE University, Karnataka, India, on 24 October 2020.
52. **Invited Speaker: AICTE sponsored XXX-V-QIP on Frontiers in Pharmaceutical Education and Research: Emerging trends in phytopharmaceuticals**, organized by Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR), DPSRU University, Delhi, India, on 09th-16th October 2020.

53. **Invited Speaker: webinar** titled “Orthomolecular Medicine: A therapeutic approach” organized at Jamia Hamdard, Delhi, India on 13 July **2020**.
54. **Invited Speaker: webinar** titled “Research grant writing: An art” organized at Subharti University, UP, India on 25 May **2020**.
55. **Invited Speaker: webinar** titled “Orthomolecular Medicine: A treatment approach” organized at IIMT University, Meerut, UP, India on 30 May **2020**.
56. **Trainer: Conducted workshop** “Connectivity: Team Building Activity”, AIMST university, Malaysia, 31.01.**2020**.
57. **Keynote Speaker:** “Pharmacy in global scenario” in **International symposium**, at Holy Marry Institute of Pharmacy, Hyderabad, India, on 28 Aug **2019**.
58. **Invited Speaker:** “Pharmacy as a Carrier in global scenario” in **Indo-Malaysian Conference**, SCSCOP, Karnataka, India, on 26<sup>th</sup> August **2019**.
59. **Keynote Speaker:** “Recent advances and challenges in Pharmaceutical sciences”, in 8<sup>th</sup> **Indo Malaysian Conference**, at Narasraopet institute of pharmacy, Guntur, Andhra Pradesh, India, on 29<sup>th</sup> August, **2019**
60. **Invited Speaker:** “Pharmacy as a Carrier in global scenario”, in 9<sup>th</sup> **Indo Malaysian Conference**, at St. Mary's College of Pharmacy, Hyderabad, Andhra Pradesh, India, on 30<sup>th</sup> August, **2019**
61. **Keynote Speaker:** “Current trends and Challenges in Pharmaceutical Sciences”, in 10<sup>th</sup> **Indo Malaysian Conference**, at Santhiram College of Pharmacy, Nandyala, Andhra Pradesh, India, on 31<sup>st</sup> August, **2019**
62. **Keynote Speaker:** “Latest advances and challenges in pharmaceutical Research”, in 11<sup>th</sup> **Indo Malaysian Conference**, at Srinathji Institute of Pharmacy, Rajasthan, India, on 3<sup>rd</sup> September **2019**
63. **Invited Speaker, Guest lecture** titled “Pharmacy in global scenario” and “spectroscopic data interpretation”, at NITTE University, Karnataka, India, on 24-8-**2019**.
64. **Invited Speaker, Guest lecture** titled “Applications of modern analytical techniques in pharmacy”, Sharda University, G. Noida, India, on 4<sup>th</sup> September, **2019**.
65. **Invited Speaker, Guest lecture** titled “IR and NMR data Interpretation”, at Lloyd institute of Technology and Management, G. Noida, India, on 5<sup>th</sup> September **2019**.
66. **Invited Speaker, Guest lecture** titled “Applications of Modern Analytical Techniques in Pharmacy”, at SGT University, Gurgaon, India, on 6<sup>th</sup> September **2019**.
67. **Invited Speaker, webinar** titled “Why I am not...? Why I am not...?” organized at ABESIT College of Pharmacy Ghaziabad, Up, India on 15<sup>th</sup> November **2019**.
68. **Invited Speaker/Chair: International conference** on Pure & Applied Chemistry "Recent Advances in Chemical Sciences" KLEF, Vijayawada, India, **08-03-19**.
69. **Invited Speaker:** 6<sup>th</sup> **Indo Malaysian Conference** “Advances and Current Scenario of Pharmaceutical Sciences” on 9<sup>th</sup> March **2019**, at Hyderabad, India.
70. **Invited Speaker:** 7<sup>th</sup> **Indo Malaysian Conference** “Recent Trends and Research in Medicinal and Sustainable Chemistry” on **11-03-2019** at Gujarat, India.
71. **Invited Speaker:** Delivered talk titled “standardization of education systems”, at AMITY University, Noida, India, on **16-11-2018**.
72. **Trainer: Conducted workshop** titled “Spectroscopic instruments and data interpretation”, at RVNI, G. Noida, India, on **15-11-2018**.
73. **Invited Speaker:** Delivered invited talk titled “Applications of Pharmaceutical Chemistry in Pharmacy”, at SGT University, Gurgaon, India, on **14-11-2018**.
74. **Invited Speaker:** Presented research titled “Green Synthesis of Metal Nanocomposites Using CHFJ: Study That Environs Identification, Optimization, Stability, Characterization, And Antimicrobial Activity of Biogenic Nanoparticles”, at Nanobioteck-2018, **AIIMS**, Delhi, India from **24-10-18 to 27-10-18**.
75. **Invited Speaker:** Delivered talk titled “IR, NMR and MASS data Interpretation”, at SNIOP, Pusad, Maharashtra, India, on **23-10-2018**.
76. **Trainer: Conducted workshop** titled ‘Blended Learning’, at FOM, AIMST University, Malaysia, on **27.8.18**
77. **Trainer: Conducted workshop** titled ‘Flipped teaching & learning’, at AIMST University, Malaysia, on **30.7.18**
78. **Trainer: Conducted workshop** titled ‘Hands on Training for MOOC’, at FOM, AIMST University, on **20.2.18**

79. **Invited Speaker:** Delivered talk titled "Data interpretation of IR, NMR and Mass spectra" at DIPSARU, Delhi, India, on **01-12-17**
80. **Trainer: Conducted workshop** titled 'MOOC development", at FOM, AIMST University, Malaysia, on **24.11.17**
81. **Trainer: Conducted workshop** titled 'MOOC development", at FOM, AIMST University, Malaysia, on **21.8.17**
82. **Trainer: Conducted workshop** titled 'MOOC Designing", at FAPS, AIMST University, Malaysia, on **15.6.17**
83. **Invited Speaker/Chair:** "Discerning of Antimicrobial Potential of Phenylpropanoic Acid Derived Oxadiazoles" at **ICMCMP**, 29-3-17 to 30-3-17, Singapore.
84. **Invited Speaker:** Delivered talk titled "Scientific learning and NMR Interpretation" at RVNI, G. Noida, **2016**.
85. **Invited Speaker:** Delivered talk titled "Siddha medicine", at ISKCON, Seberang Jaya, for general awareness", July **2016**.
86. **Invited Speaker:** Delivered talk titled "IR data interpretation", at AIMST University, Malaysia, **2016**.
87. **Trainer:** Conducted a **workshop** titled "HOTS workshop" at AIMST university, **2015**.
88. **Invited Speaker/Chair** - Synthesis and Antimicrobial Profile of Newer Schiff Bases and Thiazolidinone Derivatives" at **ICPP**, WASET -**2014**, Bangkok.
89. **Invited Speaker/Chair:** "Isolation of  $\beta$ -Sitosterol Diarabinoside from Rhizomes of *Alpinia Galanga*" at **ICPP**, WASET -**2012**, Bangkok, Thailand.
90. **Invited Speaker:** Delivered a **seminar** on "Importance of personality development in pharma sector", in **2006**.