

Personal Details	SHIVKANYA FULORIA (Associate Professor)				
Academic Qualifications	Ph. D (Pharmacy)	:	Amravati University, Maharashtra, India, in 2011 .		
	PDCTM	:	RAHE, G. Noida, Uttar Pradesh, India in 2010 .		
	M. Pharm (Pharmacognosy)	:	Nagpur University, Maharashtra, India, in 2002 .		
	B. Pharm	:	Amravati University, Maharashtra, India, in 2001 .		
	D. Pharm	:	Mumbai Technical Board, Maharashtra, India, in 2001 .		
Administrative Duties	<ul style="list-style-type: none"> • Batch Coordinator - FOP • Course coordinator (Pharmaceutical Chemistry II) – FOP • Course coordinator (Pharmaceutical Analysis) - FOP • Assistant Course Coordinator (Pharmacognosy) – FOP • Assistant Course Coordinator (GESP) – FOP • Member: Academic planning and assessment committee - FOP • Member: FQACC (Secretary) - FOP • Member: PG Committee - FOP • Member: Research and Ethical Committee - FOP • Member: Purchase committee - FOP and AIMST University • Member: Curriculum committee - FOP • Member: FOP Marketing and Alumni committee - FOP • Moderator: SGFS 				
Publications (last 5 years)	Books:				
	Authors	Book Title	Publisher	Year	ISBN
	N. K. Fuloria, S. Fuloria, A Singh, S. Kumar	Fundamentals of Pharmacoeconomics	Nirali Prakashan, India	2018	978-93-87686-41-0
	N. K. Fuloria, S. Fuloria, K. Balaji, K. M. Sundram, S. Kathiresan	Principles and Practices of traditional, complementary and alternative medicine	Nirali Prakashan, India	2017	978-39-86353-63-4
	N. K. Fuloria, S. Fuloria	Principles and practices of industrial management	Studium Press LLC USA	2015	1-62699-058-1
N. K. Fuloria, S. Fuloria	Spectroscopy: Fundamentals & Data Interpretation	Studium Press India Pvt. Ltd	2013	978-93-80012-58-2	
Papers (Clarivate Analytics = CA; Web of Science = WOS)					
<ol style="list-style-type: none"> 1. S Fuloria, CY Ying, KY Xuan, CT Jun, S Karupiah, U Kumari, NK Fuloria, "Determination of total phenolic content and antimicrobial potential of different extracts of Citrus hystrix DC leaves", BEPLS, 2020, 9, (CA) 2. R. Dahiya, S. Rampersad, TGR Singh, K Kaur, R Kaur, R Mourya, SV Chennupati, R Fairman, NK Jalsa, A Sharma, S Fuloria, N Fuloria, "synthesis and bioactivity of a cyclopolypeptide from caribbean marine sponge", Iranian Journal of Pharmaceutical Research. 2020, 19(3):156-70. (WOS) 3. Fuloria, S.; Subramanian, V.; Karupiah, S.; Kumari, U.; Sathasivam, K.; Meenakshi, D.U.; Wu, Y.S.; Guad, R.M.; Udupa, K.; Fuloria, N.K. A Comprehensive Review on 					

Source, Types, Effects, Nanotechnology, Detection, and Therapeutic Management of Reactive Carbonyl Species Associated with Various Chronic Diseases. *Antioxidants* **2020**, *9*, 1075. **(WOS)**

4. S Fuloria, LT Wei, S Karupiah, V Subramaniyan, C Gellknight, YS Wu, S Kayarohanam, NK Fuloria, "Development and Validation of UV-visible method to determine gallic acid in hydroalcoholic extract of *Erythrina fusca* leaves", *IJRPS*, *11*(4), 6319-6326, **2020. (Scopus)**
5. Sridevi Ugrappa, Ajay Jain, Akshay Bhargava, Neeraj Kumar Fuloria, Shivkanya Fuloria, "A search in the surge of treatment for COVID-19 patients: A narrative literature review", *Int. J. Res. Pharm. Sci.*, **2020**, *11* (SPL)(1), 822-831. **(Scopus)**
6. B Ullah, A Rauf, M I, H Khan, K Bashir, S. Fuloria, NK Fuloria, Y Mabkhot, H Naz, H Algarni, "Cytotoxic and phytotoxic activities of *Skimmia laureola*", *Journal of medicinal and spice plants* *24*(2):88-91, **2020. (WOS)**
7. V, Ng KC, Puteri NHS, Deshvinderjit SDS, Gasthuri S, Low PQ, Mohamed MMA, Ramasamy RRP, Riuman MZ, Vijayalekshmi KS, Wu YS, Neeraj KF, Shivkanya F, "A cross sectional study on awareness of dyslexia disorder among university students", *Maced J Med Sci*, *8*(E),251-255, **2020. (Scopus)**
8. Dahiya R, Dahiya S, Fuloria NK, Kumar S, Mourya R, Chennupati SV, Jankie S, Gautam H, Singh S, Karan K, Maharaj M, Fuloria S et al, "Natural Bioactive Thiazole-Based Peptides from Marine Resources: Structural and Pharmacological Aspects" *Marine Drugs*, *18*, 329, **2020. (WOS)**
9. S Wakode, A Kaur, H Bansal, S Manchanda, S Kumar, N Fuloria, S Fuloria, "Chemical characterization and anti-inflammatory activity of phytoconstituents from *Swertia alata*", *Europepmc*, **2020**. <https://orcid.org/0000-0002-9742-2765>
10. S Fuloria, CS Ru, N Paliwal, S Karupiah, K Sathasivam, S Singh, K Gupta, NK Fuloria, "Response of biogenic zinc oxide nanoparticles against periimplantitis triggering non periodontal pathogen", *Int. J Res. Pharm. Sci.*, *11*, 3, 3889-3896, **2020. (Scopus)**
11. Vetriselvan S, Srikumar C, Wu YS, Saminathan K, Neeraj KF, Shivkanya F, "Impact of COVID-19 in public health: Prevalence and preventive approaches", *Pak. J Pharm Sci.* *33* (4), 1739-1745, **2020. (WOS)**
12. NK Fuloria, MY Ko, CS Rui, CZ Hang, S Karupiah, N Paliwal, U Kumari, K Gupta, K Sathasivam, S Fuloria, "Green synthesis and evaluation of *dimocarpus longan* leaves extract based chitosan nanoparticles against periodontitis triggering bacteria", *Asian J Chem*, *32*, 7, 1660-1666, **2020. (Scopus)**
13. S Fuloria, NK Fuloria*, OJ Hong, CB Kim, BYS Ting, S Karupiah, N Paliwal, U Kumari, K Sathasivam, "Synthesis of SNPs of corn silk agrowaste and their bioactivities", *Asian J Chem*, *32*, 6, 1497-1504, **2020. (Scopus)**
14. S Bajaj, S Wakode, A Kaur, S Fuloria, NK Fuloria, "Anti-inflammatory & ulcerogenic activity of newer phytoisolates of *S. alata* C.B. Clarke", *Natural Product Research*, **2020. (WOS)**
15. CZ Hang, NK Fuloria, OJ Hong, CB Kim, BYS Ting, CS Ru, MY Ko, S Fuloria, Biosynthesis of DLLAE blended silver nanoparticles and their response against periodontitis triggering bacteria, *Int. J Res. Pharm. Sci.*, *11*,2, 1849-56, **2020. (Scopus)**
16. F Naaz, F Ahmad, B Ahmad, L Yuba, R Pokharel, NK Fuloria, S Fuloria, M Ravichandran, L Pattabhiraman, S Shafi, M ShaharYar, Design & synthesis of newer 1,3,4-oxadiazole & 1,2,4-triazole based Toposentin analogues as anti-proliferative agent targeting tubulin, *Bioorg Chem*, *95*, 103519, **2020. (WOS)**
17. Rohane SH, Chauhan AJ, Fuloria NK, Fuloria S, "Synthesis and invitro antimycobacterial potential of novel hydrazones of eugenol", *Arabian J Chemistry*, *13*, 2, 4495-4504, **2020. (WOS)**

18. M Haider, K Ahmad, N Siddiqui, Z Ali, MJ Akhtar, N Fuloria, S Fuloria, M Ravichandran, M ShaharYar, "Novel 9-(2-(1- arylethylidene)hydrazinyl)acridine derivatives: Target Topoisomerase 1 and growth inhibition of HeLa cancer cells", *Bioorganic Chemistry*, 88, 102962, **2019. (WOS)**
19. NK Fuloria, S Fuloria, KY Chia, S Karupiah, K Sathasivam, "Response of green synthesized drug blended silver nanoparticles against periodontal disease triggering pathogenic microbiota", *Journal of applied biology and biotechnology*, 7(4), 46-56, **2019. (Scopus)**
20. KV Sathasivam, NK Fuloria, S Fuloria, PJ Darshenee, R Xavier, K Marimuthu, K Sundram, Kinetic, "equilibrium and thermodynamic studies on removal of Cu (II) and Pb (II) by activated carbon prepared from macro-algae (*Kappaphycus alvarezii*)", *Asian J Chemistry*, 31(6):1343-1348, **2019. (Scopus)**
21. K Sathasivam, NK Fuloria, S Fuloria, S Karupiah, "Removal of Methylene Blue from Aqueous Solution Using Artocarpus Integer Agrowaste: Equilibrium, Kinetic and Thermodynamic Studies", *Bulletin of Environment, Pharmacology and Life Sciences*, 8(3), **2019. CA**
22. S Fuloria, NK. Fuloria, CJ Yi , TM Khei, TA Joe, LT Wei, S Karupiah, N. Paliwal, K. Sathasivam, "Green Synthesis of Silver Nanoparticles Blended with Citrus Hystrix Fruit Juice Extract and their Response to Periodontitis Triggering Microbiota", *Bull Environ. Pharmacol. Life Sci*, 8(7), 112-123, **2019. CA**
23. Singh A, Verma S, Jarari NMHA, Singh AP, Fuloria NK, Fuloria S, "Effect of Piperine on Pharmacokinetics of Rifampicin and Isoniazid: Development and Validation HPLC Method", *Journal of Applied Pharmaceutical Science Vol. 8(03)*, pp. 072-081, **2018. (Scopus)**
24. Nivatya HK, Verma R, Singh A, Varshney S, Fuloria NK, Fuloria S, "Review On: Synthesis And Biological Evaluation Of Different Benzothiazole Derivatives", *World J Pharm. Pharmaceut. Sci.*, 7, 10, pp 8865-880, **2018.**
25. V. Velu, N.Fuloria, S. Fuloria and H. Malipeddi "In Vitro and In Vivo Anti-Urolithiatic Activity of Terpenoid-Rich Ethyl Acetate Extract of Rhizomes of *Curcuma Zedoaria*", *Studies on Ethno medicine*, 12(1,2): 31-39, **2018. (WOS)**
26. Ugrappa S, Jain A, Fuloria NK, Fuloria S, "Acanthomatous ameloblastoma in anterior mandibular region of young patient: Rare case report", *Ann. Afr. Med.*, 16, (2), 85-89, **2017. (WOS)**
27. S Singh, K Gupta, KN Garg, NK Fuloria, S Fuloria, "Dental Management of the Cardiovascular Compromised Patient: A Clinical Approach", *Journal of Young Pharmacists*, 9(4): 453-456, **2017. (WOS)**
28. Fuloria S, Fuloria NK, Sundram KM, Sathasivam K., Singh S, Gupta K, Jain A, Sridevi U, Himaja M, Shanker S, "Synthesis & discerning of antibiotic potential of PCMX based novel azetidiones", *Acta Pol. Pharm*, 76, 6, 171-1715, **2017. (WOS)**
29. Fuloria NK, Fuloria S, K Sathasivam, S. Karupiah, "synthesis and discerning of antimicrobial potential of novel oxadiazole derivatives of chloroxylenol moiety" *Acta Pol. Pharm.* 74 (6), 1125-30, **2017. (WOS)**
30. Makkar S, Jain A, Ugrappa S, Fuloria N, Fuloria S, Obstructive sleep apnoe: Diagnose the dental way, *Ann Trop Med Pub health*, 10 (4), **2017, 821. (WOS)**
31. Sridevi Chigurupati, Neeraj Kumar Fuloria, Shivkanya Fuloria, Sundram Karupiah, Ravichandran Veerasamy, Appala Raju Nemala, Lim Jun Yi, Ang Xiang Ilan, and Syed Adnan Ali Shah, "Synthesis and antibacterial profile of novel azomethine derivatives of beta-phenylacrolein moiety," *Tropical Journal of Pharmaceutical Research*, vol. 15, no. 4, 821, **2016. (WOS)**
32. S Fuloria, NK Fuloria, K Balaji, S Karupiah, K Sathasivam, A Jain, U Sridevi, M Himaja, "Synthesis and discerning of the antimicrobial potential of new azomethines derived

	<p>from chloroxylenol", Ind J Het Chem, 26 (1-2), 95-99, 2016. (WOS)</p> <p>33. NK Fuloria, S Fuloria, K Balaji, S Karupiah, K Sathasivam, A Jain, U Sridevi, M Himaja, "Synthesis, characterization and antimicrobial evaluation of 2-phenylpropanoic acid derived new oxadiazoles", Indian Journal of Heterocyclic Chemistry, 26 (01-02), 37-42, 2016. (WOS)</p> <p>34. NK Fuloria, S Fuloria, K Balaji, S Karupiah, K Sathasivam, A Jain, U Sridevi, M Himaja, Shanker S."synthesis and evaluation of antimicrobial potential of novel oxadiazoles derived from tolyloxy moiety", Indian Journal of Heterocyclic Chemistry, 26 (03-04), 101-105, 2016. (WOS)</p> <p>35. Fuloria S., Subramaniam G., Ying T. S., Vijpuri N., Fuloria N. K., Sikarwar S. M., Kaveti B., Sundram K., Vijayabalan S., "Discerning the antioxidant and microkinetic potential of eucalyptus viminalis labill extracts", Rappports De Pharmacie, 2 (4), 304, 2016.</p> <p>36. S Vakiloddin, N Fuloria, S Fuloria, SA Dhanaraj, K Balaji and S Karupiah, "Evidences of hepatoprotective and antioxidant effect of Citrullus colocynthis fruits in paracetamol induced hepatotoxicity", Pakistan Journal of Pharmaceutical sciences, Vol. 28, no. 3, 2015. (WOS)</p> <p>37. K. Balaji, L. H. Ni, B. Rajindran, M. S. Sikarwar, N. K. Fuloria, and S. Fuloria, "Determination of Total Phenolic, Flavonoid Content and Antioxidant Activity of Terminalia Chebula (Fruit)", Research Journal of Pharmaceutical, Biological and Chemical Sciences, 6(2), 413, 2015.</p> <p>38. Haroon Khan, Abdur Rauf, S. Fuloria, N. K. Fuloria, Inhibition on Urease and Thermal Induced Protein Denaturation of commonly used Antiulcer Herbal Products. Study based on in-vitro assays, Pharmacognosy Journal, 7(3), 3, 2015. (Scopus)</p> <p>39. NK Fuloria, S Fuloria, K Balaji, KM Sundram, 'Evidences of Antitubercular Potential of Novel Thiazolidinone Derivatives Bearing Chloroxylenol Moiety', Malaysian Journal of Pharmacy, Vol 2 (1), pp 67, 2015.</p>
On-going Research	<p>LRGS (Collaborated USM Research project)</p> <ul style="list-style-type: none"> • Ongoing collaborative research under LRGS/USM/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) <p>FRGS</p> <ul style="list-style-type: none"> • FRGS Grant (2020-2023), titled "Establishment of TOP-1 and EGFR inhibition mechanism of insilico docked and synthesized novel CPT-11 analogues in oral squamous cell carcinoma." • FRGS Grant (2020-2023), titled "Synthesis and evaluation of Novel Chromone Analogues potential against Corona Virus." • FRGS Grant (2019-2022), titled "Discovery of novel benzamidine analogues based silver nano-formulation for treatment of periodontitis due to <i>P. gingivalis</i>: 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." • FRGS Grant (2019-2022), titled "Design and synthesis of new 6-Azaauridine 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." <p>PhD Pharmacy</p> <ul style="list-style-type: none"> • Therapeutics for dengue, 2019 onwards <p>PhD Biotechnology</p>

	<ul style="list-style-type: none"> • Therapeutics for Oral cancer, 2019 onwards • Therapeutics for periimplantitis, 2019 onwards • Therapeutics for periodontitis study, 2019 onwards • Herbal therapeutics for Periodontitis, 2020 onwards <p>B. Pharm</p> <ul style="list-style-type: none"> • Presently guiding three students, 2020-21
Completed Research	<p>B. Pharm</p> <ul style="list-style-type: none"> • Guided the three students of third year B. Pharm, for "antioxidant, antimicrobial and antiurolithiatic activity of Chinese Celery" in 2014-15, at Faculty of Pharmacy, AIMST university, Malaysia. • Guided three students B. Pharm year III, on antioxidant, and antimicrobial activity of eucalyptus variety in 2015-16, at Faculty of Pharmacy, AIMST university, Malaysia. • Guided three students B. Pharm year III, on antioxidant, and antimicrobial activity of eucalyptus variety in 2016-17, at Faculty of Pharmacy, AIMST university, Malaysia. • Guided three students B. Pharm year III, in 2017-18, at Faculty of Pharmacy, AIMST university, Malaysia. • Guided three students B. Pharm year III, in 2018-19, at Faculty of Pharmacy, AIMST university, Malaysia. • Shashitha, Synthesis and characterization of Silver nanoparticles of plant extracts, 2019-20 • Vhiinothini, Antibacterial activity and phytochemical screening of plant extract, 2019-20 • CK Jiea, Antibacterial activity and phytochemical screening of plant extract, 2019-20. <p>MSc. (Medicine-Biochemistry)</p> <ul style="list-style-type: none"> • "Synthesis, characterization and biological evaluation of newer benzamidine analogues against <i>P. gingivalis</i>", Faculty of Medicine, AIMST university, 2019-2020. <p>MSc. (Biotechnology)</p> <ul style="list-style-type: none"> • Antihyperglycemic action of Leaves of <i>Tabernaemontana divaricata</i> in Vivo and in Vitro, AIMST University, 2019-2020.
Research Grants	<ul style="list-style-type: none"> • 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. • 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 2018 for three years. • 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 <i>P. gingivalis</i>: 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) • Received national FRGS Grant from Malaysia Greater Research Network System

	<p>(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)</p> <ul style="list-style-type: none"> Received International Grant for "Tubulin Inhibition studies" in 2018, from Jamia Hamdard, India. (100000 INR)
Awards	<ul style="list-style-type: none"> Dr. Shivkanya Fuloria certified as NEARPOD Certified educator by NEARPOD, USA on 5 March 2019. Received best presentation award at 19th International Conference on Medicinal Chemistry and Molecular Pharmacology, March 2017, Singapore. Received appreciation award at AIMST University, during Teachers Award Ceremony of Kedah State, Malaysia, at AIMST University, on 22nd May 2017. Qualified Graduate Aptitude Test in Engineering (GATE – 2001) With 83.76 %, in India. Accorded Gold Medal for first position in D. Pharm in 1997
Professional Membership	<ul style="list-style-type: none"> Indian Society of Analytical Scientists (ISAS) Indian Pharmacy Graduate Association (IPGA) Delhi Pharmacy Council (DPC) Welfare Trust Indian Pharmaceutical Association (IPA) Association of Pharmaceutical teachers of India (APTI) Oniosome Healthcare Private Ltd. (Scientific Research Advisory Board) Association of Pharmacy Professionals
Supervision	<ul style="list-style-type: none"> PhD (Currently supervising 05 PhD) M. Pharm (Supervised 05 students) <ul style="list-style-type: none"> ✓ "Formulation and Development of Sustained Release Pellets of Nonsteroidal Antiinflammatory Drug", N B. Mane, Amravati University, India. ✓ "Design and Evaluation of Gastric Floating Matrix Tablets of an Antihypertensive Drug", Swati Thosare, Amravati University, Maharashtra, India. ✓ "Antiluroliithiatic Activity of <i>Manilkara Zapota</i> on Ethylene Glycol Induced Urolithiasis in Rats", Swati A. Ingle, Amravati University, Maharashtra, India. ✓ "Polyherbal composition for the treatment of urolithiasis" Arati Patil, Amravati university, Maharashtra, India. ✓ Polyherbal composition for the treatment of typhoid", Mayuri Zalte, Amravati university, Maharashtra, India MSc. Medicine-Biochemistry (Supervised 01 student) <ul style="list-style-type: none"> ✓ Mohd. Awal Saad, "Synthesis, characterization and biological evaluation of newer benzamide analogues against <i>P. gingivalis</i>", Faculty of Medicine, AIMST university, India, 2020. MSc. (Biotechnology) <ul style="list-style-type: none"> ✓ Tha zim, "Antihyperglycemic action of Leaves of <i>Tabernaemontana divaricata</i> in Vivo and in Vitro", AIMST University, 2019-2020
Teaching	<p>B. Pharm</p> <ul style="list-style-type: none"> Medicinal chemistry II Pharmaceutical analysis Pharmaceutical organic chemistry I Pharmaceutical organic chemistry II Pharmaceutical chemistry II Biochemistry Pharmacognosy

	<ul style="list-style-type: none">• Research Project MSc Pharmacy <ul style="list-style-type: none">• Introduction to pharmaceutical chemistry
Areas of Expertise	Synthetic and herbal Drugs Synthesis, spectrometric characterization, chemical and instrumental analysis, phyto-extraction and phyto-isolation, nano-formulation, antioxidants, antimicrobial, anticancer, and anti-periodontitis.
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