

PROFILE

1. NAME : Mr.K.SENTHIL KUMAR
2. QUALIFICATION : M. Pharm.,(Ph.D)
3. FACULTY ID : P0092
4. DESIGNATION : Associate Professor
5. DEPARTMENT : Pharmaceutics
6. DATE OF JOINING : 1.07.2023
7. OFFICIAL E-MAIL I.D : senthilkumar.k@kcp.edu.in



WORK EXPERIENCE:

S.NO	PROFESSIONAL	INSTITUTION	UNIVERSITY	MONTH & YEAR
1.	Associate Professor	Karpagam College of Pharmacy, Coimbatore	The Tamil Nadu Dr. M.G.R Medical university	1years 8 months and till date
2.	Associate Professor	QIS College of Pharmacy, Ongole ,AP.	JNTUK, Kakinada	10 years
3.	Assistant Professor			5 years

EDUCATION QUALIFICATION:

S.NO	DEGREE	NAME OF THE INSTITUTION	UNIVERSITY	MONTH & YEAR OF PASSING
1.	M.Pharm	Swami Vikekanandha College of Pharmacy, Tiruchengode, TN.	The T.N. Dr. M.G.R Medical university	March & 2008
2.	B. Pharm	KM College of Pharmacy, Madurai	The T.N. Dr. M.G.R Medical university	February & 2006

8. Teaching experience (in years) : 17 years
9. Industrial experience (in years): Nil
10. No. of Publications : Scopus: 03; Peer reviewed: 20
11. No. of paper presented in Conference: International: 03; National : 02
12. No. of conference / Seminar attended: 15
13. No. of Research Grants/ Projects received: Nil
14. Patents: Published: 2; Granted :1
15. No. of Consultancy services offered: Nil

No. of Publication:

1. Ravindran S, Ranganathan S, Karthikeyan R, Nandini J, Shanmugarathinam A, **Senthil Kumar K**, Marri J, Rajaganapathi K. The role of molecular biomarkers in the diagnosis, prognosis, and treatment stratification of oral squamous cell carcinoma: A comprehensive review. *The Journal of Liquid Biopsy*. 2025 Jan 4:100285.
2. V.Guruprasad,A.Gothai,N.Tamilselvi,S.Saravanan,R.Karthikeyan,S.Shanmuganathan, R.Saravanan, **K.Senthilkumar**, K.Durga Prasad. Evaluation of efficacy of Nelumbium Speciosum willd. seed extract on Anti-breast cancer activity in Cell line model. 2024 Oct 13 (3) .4341-52.
3. **Senthil Kumar Kannan***, Dhachinamoorthi Duraisamy and Yajaman Sudhakar,Solvent displacement as emerging technique for norfloxacin loaded nanoparticulate suspension for ocular drug delivery,(2017) *Int. J. Res. Pharm. Sci.*, 8(3), 480-488.
4. **Senthil Kumar Kannan***, Dhachinamoorthi Duraisamy and Yajaman Sudhakar,Design And Statistical Optimization Of Norfloxacin Nanoparticulate Loaded Ph Sensitive Droppable Gel For Ocular Drug Delivery,ejbps, 2017, 4, (12),132-143.
5. **Senthil Kumar Kannan***,Dhachinamoorthi Duraisamy and Yajaman Sudhakar,Nanoprecipitation as emerging technique for Nanosuspension in ocular drug delivery ,*International Journal of Current Research*, 2018, 10,(01),64131-64141.
6. **Senthil Kumar K***, R. Saravanan, D. Dachinamoorthi, and K. Ashok,Y.Sudhakar, formulation and evaluation of controlled release ocuserts of Levofloxacin HCl, *IJIPSR*,5(1),2017,13-26.
7. **Senthil Kumar Kannan***, Dhachinamoorthi Duraisamy, Yajaman Sudhakar,**optimization of³ full factorial design based norfloxacin nanoparticles embedded thermo sensitive droppable gel for ocular drug delivery**,*WJPR*,20176(10),315-326.
8. **Senthil Kumar K***, Dachinamoorthi D., Surekha K.Solubility enhancement of Metaxalone fast disintegrating tablets by using liquisolid technique,*WJPPS*,6 4),2017, 1342-1366.
9. **Senthil Kumar K***, R. Saravanan, D. Dachinamoorthi, and K. Ashok Design and Evaluation of Fast Dissolving Tablet of Metoprolol Tartrate. *IJPSR*. 2011,2(8), 2162-2167.

10. **SenthilKumar, K***, Saravanan, R., D.Dhachinamoorthi, S.Chellaram and G. Thirumurugan. Rapidly Dissolving Tablet. Research J. Pharm. and Tech. 2010; 3(4): 1-7.
11. **SenthilKumar*K**, SaravananR,D.Dhachinamoorthi, UdayKumarGopal, V.Shanmugam. Microemulsions as Carrier for Novel Drug Delivery: A Review. International Journal of Pharmaceutical Sciences Review and Research 2011; 10(2), 37-45.
12. **Senthilkumar. K.**,Saravanan. R., Dhachinamoorthi. D., Chellaram.S., Mallikarjuna Reddy. Virosomes : As a Versatile Carrier for Delivery System. Journal of Pharmacy Research. 2010; 3(6): 1-7.
13. **Senthilkumar.K**,Saravanan R*, Dhachinamoorthi D, Sanjith Nath M., Antimicrobial Properties of *Passiflora foetida* L. against Various Clinical and Phytopathogens. Inventi Rapid: Ethnopharmacology.2010; 1(2): 1-3.
14. **Senthilkumar.K** Saravanan,R*,Dhachinamoorthi. D,andThamizhvanan. K. Antimicrobial activity of various extracts from various parts of *Calophyllum inophyllum* L. Journal of Applied Pharmaceutical Science. 2011; 01 (03) : 102-106.
15. **Senthilkumar K.** Saravanan R*. Dhachinamoorthi D., Renuga G.Production of L-Asparaginase from *Pectobacterium carotovorum* (MTCC 1428) and *Bacillus circulans* (MTCC 490). Research J. Pharm. and Tech. 2011; 4(8): 1323-1327.
16. **Senthil Kumar K.**,Saravanan, R. *, Dhachinamoorthi D., Vinodkumar S., Nikhileshbabu M. and Neeraj J. Effects of UV-B Enhanced Solar Radiation on *Trigonella foenum-graecum*. Research J. Pharm. and Tech.2012; 5(3), 328-332.
17. **Senthilkumar K**,Saravanan R., Dhachinamoorthi D.,Srilakshmi M.*,Divya Sri.T.Antibacterial Activity of *Euphorbia hirta* Extracts. IJRAP, 2012; 3(3), 439-441.
18. **Senthilkumar K.**,Saravanan R.*, Dhachinamoorthi D., Heena Neha S.D., Benarjee K.,Narendra K., Prudhvi Ch.Analysis of Nutrients and Minerals Content in Commercially Purchased *Agaricus bisporus*. Research J. Pharm. and Tech.2013; 6(7), 765-768.
19. **SenthilKumar K**,G.Thirumurugan,T.M.Vijayakumar,G.Poovi,M.D.Dhanarju Evaluation of antidiabetic activity of *excoecaria agallocha* L.in alloxan induced diabetic mice ,NPAIJ, 2010 ,6(1), ,57-60.
20. **Senthilkumar K.**, Saravanan R.*,Dhachinamoorthi D., Heena Neha S.D., Benarjee K., Narendra K., Prudhvi Ch ,Analysis of nutrients and minerals content in commercially Purchased *agaricu sbisporus*. Research J. Pharm. and Tech, 2013,6(7),32-45.

21. **Senthilkumar K.**, Saravanan R., Dhachinamoorthi D., Anandpal T*, Aparna Ch. Antibiotic activity of various extracts of *abutilon indicum linn.* against various pathogens,2016,5(4),1358-164.
22. **Senthilkumar. K.**, Saravanan. R.*, Dhachinamoorthi. D., Sri Vaishnavi.O., Srujanalakshmi. B.V.,Anusha Rani. K., Chinnamai. P. and Salamullakhan.D. The influence and biodegradation activity of *pseudomonas aeruginosa* (MTCC 1934) on alcohol and chemical industry waste water.
23. **Senthilkumar. K.**, Saravanan. R., Dhachinamoorthi. D., Uma Mahesh. P, Vamsi Krishna. G, Venkata Pavani. K ,Evaluation of wound healing and anti-microbial activity of the *argemonemexicana Linn (papavraceae)*.2017,10(3), 852-856.

CONFERENCES/ SEMINARS/WEBINARS / FDP

1. Participated in one week national e -FDP on **pharmaceutical education: trends and tools (PET-2023)** Organized by Department of Pharmaceutical chemistry, Shri Venkateshwara college of pharmacy, Puducherry -02 from 18 th to 23 rd December 2023
2. Participated in AICTE recognized **FDP on outcome based curriculum design** conducted by curriculum development centre department from 5/9/2022 to 9/7/2022 at Bapatla college of pharmacy , Bapatla, AP.
3. Participated in **FDP on frontiers & new vistas molecular cell biology research** organized by department of bioscience and biotechnology from 29/8/22 to 3/9/22 at Krishna university ,Machilipatnam ,AP.
4. Participated national webinar on **Understanding practice school & It's concept in UG Pharmacy education** dated on 23.5.2020 organized by Pharmacy council of India, New Delhi. .(Online)
5. Participated national webinar on **PRAJWALA-on contemporary issues in Pharmaceutical regulatory affairs** dated on 25/06/2020 to 28/06/20 organized by Hindu college of Pharmacy, Guntur ,AP.(Online)
6. Participated FDP programme on **International Faculty Development Programme on Pharmaceutical Education & Research** dated on 13/5/2020-18/5/2020 organized by Bapatla college of pharmacy, Bapatla,AP. (Online)
7. Participated national webinar on **Design of Experiments (DOE) software** dated on 30-5.2020 to 31-5.2020 organized by APTI (Guntur branch) & Vignan Institute of Pharmaceutical science, Guntur, AP.

8. Participated International Conference on **"Pharmacokinetics in Academics and Research"** on 23rd and 24th September 2019 at K L College of Pharmacy, Vijayawada, AP.
9. Participated IPA sponsored national seminar on **Recent trends and importance of green Pharmacy** 9th & 10th February 2018 organized by M.A.M College of pharmacy, Guntur, AP.
10. Participated an International conference & presented poster presentation on **Design and characterization of ophthalmic Droppable gel containing Norfloxacin loaded polymeric Nanoparticle**. (18-20, 2016) world congress on Drug discovery and development at Indian Institute of Science, Bengaluru.
11. Participated AICTE sponsored national seminar on clinical research, **Pharmacovigilance & Medical writing** 8th & 9th December 2017 organized by Annamacharya College of Pharmacy, AP.
12. Participated audit course on **Research methodologies** 1-15th May 2014 organized by JNTUK, Kakinada, AP.
13. Participated audit course on **Intellectual Property Rights and Patents** 16-30th May 2014 organized by JNTUK, Kakinada, AP.
14. Participated national conference on **recent advances in pharmaceutical sciences** 10-11 February 2012, organized by Ratnam institute of pharmacy, Nellore, AP.
15. Participated in 62nd **Indian pharmaceutical congress (IPC)** 2010 held at Manipal University, Manipal during 17-19 December 2010.
16. Participated in two days workshop on **Medicinal plants –Perspectives Prospects & Challenges** at Gandhigram Rural Institute Deemed university during 20th & 21st December 2003.
17. Participated in the students seminar on **Trends In Pharmaceutical Science (TIPS)** -2005 organized by Annamalai university pharmacy association at Annamalai university on 19th, 20th April 2005.
18. Participated in **Indian pharmacy graduates association (IPGA)** 23rd annual conference 4th & 5th November 2006, Chennai.
19. Participated in Second international conference and **Indo–Canadian satellite symposium on Pharmaceutical sciences, Technology, Practice and natural health products** 24-26 Feb 2007 held in JSS College of pharmacy, Ooty, India.

PATENT:

1, Indian Patent

Senthil Kumar.K., Panneerselvam. T., Saravanan.R., and Vedha Hari B.N.,

2018/07/23, Application number, 201841027495

Title: 6-SUBSTITUTED BENZYLIDENE-3-NITRO-6,7,8,9-TETRAHYDRO-5H-BENZO[7]ANNULEN-5-ONE.

2.UK Design Patent

Title : Apparatus For Encapsulating Phytochemicals in Nanoparticles

Maruthamuthu Sakthivel, Gireesh Tripathi, Anjaneyulu Vinukonda, Saswati Panigrahi, **Senthil Kumar Kannan**, Bharath Kumar Arumadakala, Govinda Satish Bhandari, Priyanka Ahirwar, Sachin Shivaji Patil, Jitender Kumar Malik, Stuti Pandey

BOOK PUBLICATIONS:

K.Senthil Kumar,*Dhachinamoorthi, Ch.MM.Prasada Rao.Pharmaceutical formulation practical manual. 2018, Lambert Academic Publishing. Germany. ISBN 978-620-0-300997.