



**Dr. Kesavan Karthikeyan,**

**Associate Professor**

**M. Pharm., Ph. D. (IIT-BHU), Postdoc (USA)**

**GETin Fellow (DBT-India; 2019-2020)**

**Department: Department of Pharmacy**

**School: School of Studies of Natural Resources**

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## Qualifications

Institution and Location	Degree	Completion Date	Field of Study
The Tamil Nadu Dr. M.G.R. Medical University, Chennai, Tamil Nadu	B. Pharm.	2004	Pharmaceutical Sciences
Bharathidasan University, Tiruchirapalli, Tamil Nadu	M. Pharm	2007	Pharmaceutics
Indian Institute of Technology, Banaras Hindu University, Varanasi, Uttar Pradesh	Ph.D.	2011	Pharmaceutics
Stead Family Department of Pediatrics, Roy J. and Lucille A. Carver College of Medicine, University of Iowa, IA, USA	Postdoc	2020	Genome editing

## Area of Interest/Specialization

### Nanopharmaceuticals

Nano-sized dispersed systems for ocular drug delivery (Nanoparticles, Microemulsion, Nanoemulsion, nanomicelles, etc.)

Mucoadhesive nanocarrier drug delivery system for ocular delivery

### Novel drug delivery systems

Mucoadhesive ocular drug delivery system

Sustained ocular drug delivery to combat diseases in eye

Cationic nanocarriers for ocular drug delivery

Positively charged nanocarriers as non-viral vector for ocular gene therapy

## Experience

S. No.	Name of the Inst./Employer	Position Held	Duration (From-to)	Major Job Responsibilities and Nature of Experience
1.	Sanjivani College of Pharmacy, Khetri, Rajasthan	Lecturer	April 2004-June 2005	Teaching D. Pharm Students
2.	Acharya & B.M. Reddy college of Pharmacy, Bangalore	Assistant Professor	August 2011-Dec. 2011	Teaching B. Pharm and M. Pharm students and Research
3.	Department of Pharmacy, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur, C.G.	Assistant Professor (Level 10)	January 2012-Dec. 2015	Teaching B. Pharm and M.Pharm students Research Guidance to PG and Ph.D students
4.	Department of Pharmacy, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur, C.G.	Assistant Professor (Level 11)	January 2016 to Dec. 2021	Teaching B. Pharm and M.Pharm students Research Guidance to PG and Ph.D students
5.	Department of Pharmacy, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur, C.G.	Assistant Professor (Level 12)	January 2021 to Till date	Teaching B. Pharm and M.Pharm students Research Guidance to PG and Ph.D students

## Awards and Honors

1. Received prestigious Genome Engineering/Editing Technology initiative (GETin) Overseas Fellowship 2018-19 funded by Department of Biotechnology (DBT), Govt. of India in association with Indo-U.S. Science & Technology Forum (IUSSTF). I had been selected one among the five candidates for this fellowship at the national level.
2. Awarded best paper in international conference on Frontier in Nano Sciences, Technology and Applications on 20-22 December 2014 organized by Department of Physics, Sri Sathya Sai Institute of Higher Learning, Prashanthinilayam, Puttaparuthi, A.P.
3. Invited as distinguished speaker in international conference Phar-East 2018 Asia's Pharma & Biotech Festival from 28 Feb-2018 to 3 March 2018. Suntec Singapore Convention & Exhibition Centre, Singapore. Organised by Terrapinn Pte Ltd, Singapore.
4. Received Best Paper Award and reward for the academic year 2020 from IQAC, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, C.G.

**Patent:**

1. An Indian patent has been published entitled “Chitosan Microemulsion of Micelles of Voriconazole for the Treatment of Fungal Keratitis”. Application No. 202441059536 published on 09-08-2024.
2. An Indian patent has been published entitled “TPGS-Chitosan Conjugated Mucoadhesive Micelles of Brinzolamide for Glaucoma Therapy”. Application No. 202341025607 published on 05-05-2023.
3. An Indian patent has been awarded entitled “Carbopol Hydrogel System Hybridized With Econazole Nitrate-Loaded Nanostructured Lipid Carriers for Improved Topical Antifungal Activity” Application No. 202321075839; Patent No. 556373; Date of Grant: 17/12/2024.
4. A design patent has been awarded entitled “IOT based wearable health monitoring device” Design no. 383007-001 dated 04-04-2023.

**Memberships/Registration**

- Life Member of Indian Pharmaceutical Association (IPA) - KTK/PEEN/LM/0957
- Life Member - The Indian Pharmacists Association – TN 405
- Registered Pharmacist (Tamil Nadu State Pharmacy Council) - 9592 A1

**Research Projects**

<b>Funding Agency</b>	<b>Grant No &amp; Year Grant Received</b>	<b>Topic Of The Project</b>	<b>Status</b>
UGC, New Delhi UGC-BSR Startup Grant	File no. [No.F. 20-29(3)/2012(BSR)]dated 30.03.2013  Total : Rs. 6.00 lakhs	Chitosan Coated Cationic Nanoemulsion: Ocular Drug Delivery System	Completed (2013-2015)

## International Collaboration/Consultancy:

- Collaborative research carried out with scientist Prof. Val C. Sheffield, Department of Pediatrics at Carver College of Medicine, University of Iowa, Iowa, USA for 12 months (July 2019-June 2020) through Genome Engineering/Editing Technology initiative (GETin) Overseas Fellowship 2018-19 funded by Department of Biotechnology (DBT).
- Consultancy Services in Development of Nanoformulation of Secondary Metabolites Isolated from Medicinal Plants for Effective Management of Ocular Diseases will be extended by Department of Pharmacy, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, C.G. to the students interested/involving in research work in science subjects (Pharmacy, Botany, Zoology, Biotechnology etc).

## Best Peer Reviewed Publications

- Gautam N, Sharma P, Yadav N, Rajeswari J, **Kesavan K.** Tear-Driven Phase Transition Microemulsion for Ocular Delivery of Dexamethasone in the Effective Treatment of Uveitis. *Curr Eye Res.* (2025). [Impact factor - **2.0**]
- Mohan P, Rajeswari J, **Kesavan K.** Cationic microemulsion of voriconazole for the treatment of fungal keratitis: *in vitro* and *in vivo* evaluation. *Therapeutic Delivery.* (2024). [Impact factor – **4.2**]
- Mohan P, Rajeswari J, **Kesavan K.** TPGS-Chitosan Conjugated Mucoadhesive Micelles of Brinzolamide for Glaucoma Therapy: *in vitro* and *in vivo* Evaluation. *Materialia*, (2023) 28: 101711. [Impact factor – **3.4**]
- Mohan P, Rangari VD, **Kesavan K.** Cationic Chitosan/Pectin Polyelectrolyte Nanocapsules of Moxifloxacin as Novel Topical Management System for Bacterial Keratitis. *Curr Eye Res.* (2022) 47: 1498–1507. [Impact factor - **2.0**]
- Mohan P and **Kesavan K.** Cationic Polyelectrolyte Nanocapsules of Moxifloxacin for Microbial Keratitis Therapy: Development, Characterization, and Pharmacodynamic Study. *AAPS PharmSciTech.* (2021) 22(5):195. [Impact factor – **3.3**]
- Gautam N and **Kesavan K.** Phase Transition Microemulsion of Brimonidine Tartrate for Glaucoma Therapy: Preparation, Characterization and Pharmacodynamic Study. *Curr Eye Res.* (2021) 46: 1844-1852. [Impact factor - **2.0**]
- Dubey V, Mohan P, Dangi JS, **Kesavan K.** Brinzolamide loaded chitosan-pectin mucoadhesive nanocapsules for management of glaucoma: Formulation, characterization and pharmacodynamic study. *Int J Biol Macromol.* (2020)152: 1224-1232. [Impact factor - **8.2**]

- **Kesavan K**, Jain A, Cring M, Searby C, Sheffield VC. Positively Charged TPGS-Chitosan Nanocapsules as a Non-Viral Vector for Glaucoma Gene Therapy. *Investigative Ophthalmology & Visual Science*. 2020; 61(7): 2896. [Impact factor -**4.4**]
- **Kesavan K**, Mohan P, Gautam N, Sheffield VC. Topical Ocular Delivery of Nanocarriers: A Feasible Choice for Glaucoma Management. *Curr Pharm Des*. (2020) 26: 5518-5532. [Impact factor -**3.1**]
- Tiwari R, Dubey V, **Kesavan K**.. Ocular Self-Microemulsifying Drug Delivery System (SMEDDS) of Prednisolone Improves Therapeutic Effectiveness in the Treatment of Experimental Uveitis. *Ocular Immunology and Inflammation*. (2019)27(2): 303-311. [Impact factor – **3.3**]
- Kathle PK, Gautam N, **Kesavan K**.. Tamoxifen citrate loaded chitosan-gellan nanocapsules for breast cancer therapy: development, characterisation and *in-vitro* cell viability study. *Journal of microencapsulation*. (2018)35(3): 292–300. [Impact factor - **3.9**]
- Bharti S.K. and **Kesavan K**.. Phase Transition W/O Microemulsions for Ocular Delivery: Evaluation of Antibacterial Activity in the Treatment of Bacterial Keratitis. *Ocular Immunology and Inflammation*. (2017)25(4):463-474. [Impact factor – **3.3**]
- Kumari B and **Kesavan K**.. Effect of Chitosan Coating on Microemulsion for Effective Dermal Clotrimazole Delivery. *Pharm Dev. Technol*. (2017) 22(4):617-626. [Impact factor – **3.4**]
- Gautam N and **Kesavan K**. Development of microemulsions for ocular delivery. *Therapeutic delivery*. (2017) 8(5):313-330. [Impact factor -**4.2**]
- **Kesavan K**, Gautam N, Bharti S.K., Mohan P. Microemulsion system: prospective approach for superior drug delivery. *Drug Deliv. Letters*. (2017)7(3): 157-169.
- Jain AK, Mohan P, Jain SK, **Kesavan K**. Nanocarrier based approaches for bioavailability enhancement of oral hypoglycaemic. *Drug Deliv. Letters*. (2017)7(3): 170-180.
- **Kesavan K**, Shri Kant, Singh PN, Pandit JK.. Therapeutic Effectiveness in the Treatment of Experimental Bacterial Keratitis with Ion-activated Mucoadhesive Hydrogel. *Ocul Immunol Inflamm*. (2016) 24(5):489-492. [Impact factor – **3.3**]
- **Kesavan K**, Shri Kant, Pandit JK, Muthu MS.. Positively charged microemulsions of dexamethasone: Comparative effects of two cosurfactants on ocular drug delivery and bioavailability. *Therapeutic delivery*. (2013) 4(11): 1385-95. [Impact factor -**4.2**]
- **Kesavan K**, Shri Kant, Singh PN, Pandit JK.. Mucoadhesive chitosan coated cationic microemulsion of dexamethasone for ocular delivery: in vitro and in vivo evaluation. *Curr Eye Res*. (2013) 38(3): 342–352. [Impact factor – **2.0**]
- Lanjhiyana SK, Bajpayee P, **Kesavan K**, Lanjhiyana S, Muthu MS.. Chitosan-sodium alginate blended polyelectrolyte complexes as potential multiparticulate carrier system: colon-targeted delivery and gamma scintigraphic imaging. *Expert Opin Drug Deliv*. (2013) 10: 5-15. [Impact factor – **6.6**]

- **Kesavan K**, Shri Kant, Singh PN, Pandit JK.. Effect of Hydroxypropyl- $\beta$ -cyclodextrin on the Ocular Bioavailability of Dexamethasone from a pH Induced Mucoadhesive Hydrogel. *Curr. Eye Res.* (2011) 36: 918-929. [Impact factor – **2.0**]
- **Kesavan K**, Balasubramaniam J, Shri Kant, Singh PN, Pandit JK.. Newer approaches for optimal bioavailability of ocularly delivered drugs: review. *Curr. Drug deliv.* (2011)b 8(2): 172-193. [Impact factor – **2.4**]
- **Kesavan K**, Nath G, Pandit JK.. Sodium alginate based mucoadhesive system for gatifloxacin and its in vitro antibacterial activity. *Sci Pharm.* (2010) 78: 941-957. [Impact factor -**2.5**]
- **Kesavan K**, Nath G, Pandit JK.. Preparation and in vitro antibacterial evaluation of gatifloxacin mucoadhesive gellan system. *DARU J Pharm Sci.* (2010) 18(4): 237-246. [Impact factor – **3.6**]
- Rajeswari J, **Kesavan K**, Jayakar B.. Antidiabetic activity and chemical characterization of aqueous/ethanol prop roots extracts of *Pandanus fascicularis* Lam in streptozotocin-induced diabetic rats. *Asian Pac J Trop Biomed.* (2012) S170-S174. (Elsevier publication) [Impact factor – **1.7**]
- Rajeswari J, **Kesavan K**, Jayakar B.. Phytochemical and pharmacological evaluation of prop roots of *Pandanus fascicularis* Lam. *Asian Pac J Trop Med.* (2011) 4(8):649-653. [Impact factor – **3.8**]
- Rajeswari J, **Kesavan K**, Jayakar B.. Antidiuretic activity of Aqueous and Ethanolic Extracts of Prop Roots of *Pandanus Fascicularis* Lam. *IJPSR.* (2012) 3(4): 1061-1064.
- **Kesavan K**, Rao UV, Bindu K, Rajinikanth PS, Wani M, Balasubramaniam J.. Immediate release tablets of valsartan and efavirenz: role of concentration of superdisintegrants. *Ars Pharm.*, (2008) 49 (3): 229-243. [Impact factor -**0.4**]
- V. Alagarsamy, S. Rajasekaran, M. Praveen, V. Ganesan, S. Satheeshkumar, **K. Kesavan**, M.R. Joymohan, A. Jameera begam, D. Marikannan.. Renal stone disease. *The Indian Pharmacist*, (2003) October: 15-16.

### Book Chapters Published

1. **K Kesavan**, N Gautam, O Parra-Marín, S Murugesan. Gene Therapy: A New Avenue for the Management of Ophthalmic Diseases. In: *Nanoparticles and Nanocarriers Based Pharmaceutical Formulations*, Edited by A K Jain, Kirti Mishra, Chapter 9, First Edition, Bentham Science Publication, 2022, pp.395-435. ISBN No.: 978-981-5049-79-4.
2. **K Kesavan**, P Mohan, SK Jain, O Parra-Marín, S Murugesan. Nanoemulsion: A Potential Carrier for Topical Drug Delivery. In: *Nanoparticles and Nanocarriers Based Pharmaceutical Formulations*, Edited by A K Jain, Kirti Mishra, Chapter 9, First Edition, Bentham Science Publication, 2022, pp.230-272. ISBN No.: 978-981-5049-79-4.

3. SK Jain, K Rajpoot, **K Kesavan**, A Yadav, U Gupta, PN Gupta. Targeting Potential of Nanocarriers for Efficient Treatment of H. Pylori Infection. In: Nanoparticles and Nanocarriers Based Pharmaceutical Formulations, Edited by A K Jain, Kirti Mishra, Chapter 6, First Edition, Bentham Science Publication, 2022, pp. 158-177. ISBN No.: 978-981-5049-79-4.
4. Suryavanshi A, Shukla YK, Gupta P, Vandana, **Kesavan K**, Bharti SK. Bioisosteres of Catechol Functional Group. In: Sanmati Kumar Jain (Ed.), Bioisosteric Approach and Drug Design. Excellent Publishers, India, 2024, pp 183-197. ISBN:978-93-94174-48-1.
5. Vandana, Shukla YK, Suryavanshi A, Gupta P, **Kesavan K** Bharti SK. Bioisosteres of Guanidine Functional Group. In: Sanmati Kumar Jain (Ed.), Bioisosteric Approach and Drug Design. Excellent Publishers, India. 2024. pp. 198-213. ISBN: 978-93-94174-48-1

## Research Supervision

### Ph.D. Students guided/under guidance:

S. No	Name of Scholar	Title of Work	Registration Date	Thesis Awarded
1.	Nivedita Gautam	Phase transition microemulsion as carrier system for ocular drug delivery	16-09-2014	25-11-2022
2.	Mohan P	Studies on mucoadhesive nanocarriers for effective treatment of ocular diseases	26-10-2016	18-07-2022
3.	Dharmendra Kumar	Development of Nanoformulation from metabolic extract of endophytes isolated from <i>Moringa Olifera</i> for the treatment of cancer	17-10-2022	-
4.	Priya Sharma	Mucus binding nanocarriers as a promising strategy for the successful management of dry eye disease	15-05-2024	-
5.	Neelima Yadav	Development and characterization of antioxidant phytochemical loaded nanoformulations for effective treatment of oxidative stress induced ocular diseases.	15-05-2024	-

### **RESEARCH PROJECTS SUPERVISED TO PG STUDENTS**

- Formulation and Antibacterial Evaluation of Moxifloxacin loaded W/O Microemulsion for Ocular Delivery – Mr. Shanni Kant Bharti - July 2014
- Formulation and Evaluation of Positively Charged Microemulsion to treat Cutaneous Candidiasis – Miss. Babita Kumari - July 2014
- Chronotherapeutic pH Sensitive *In-Situ* Gelling O/W Microemulsion of Valsartan for the Treatment of Hypertension. – Miss. Dev Shree – July 2014
- Preparation and Characterization of Self-Microemulsifying Drug Delivery System of Prednisolone for Ocular Delivery. – Mr. Rahul Tiwari – July 2015
- Development and characterization of nanosuspension for the treatment of breast cancer. – Mr. Pankaj - July 2016
- Preparation and optimization of nanocapsule for the treatment of glaucoma. – Miss. Vibhuti – July 2017
- Development and evaluation of voriconazole loaded nanomicells for effective treatment of ocular fungal keratitis. Mr. Mayur Patel- July 2018
- Development and evaluation of quercetin loaded lipid nanocarriers for the management of glaucoma. Miss. Sakshi Tiwari – July 2019
- Preparation and characterization of 4-phenylbutyric acid loaded micelles for glaucoma therapy. Mr. Balram – July 2021.
- Development and characterization of cationic nanocarriers for effective management of dry eye syndrome. Miss. Jyothi Chandraker – July 2022.
- Development and characterization of Dexamethasone loaded lipid based nanocarriers for effective treatment of Rheumatoid Arthritis. Miss. Ayushi Sharma – December 2023
- Development and characterization of Atrovastatin loaded nanocarrier system for treatment of Age related Macular Degeneration. Mr. Barun Raj – December 2023
- Formulation and development of Nystatin loaded chitosan derivative nanocarriers for effective treatment of Fungal Keratitis. Mr. Virendra Kumar – December 2023
- Preparation and characterization of W/O microemulsion for the effective treatment of allergic conjunctivitis. Mr. Pranav Vivek – December 2024
- Preparation and characterization of in situ gelling system for the effective treatment of bacterial keratitis. Mr. Abhash Singh – Pursuing

### **NATIONAL WORKSHOP ORGANIZED**

- Co-Convener in one day National Workshop on “Development of advanced drug delivery system” on March 22, 2024 organized by Department of Pharmacy, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, C.G.
- Coordinator in Three days National Workshop on “Development of Nanocarrier Systems for Drug Delivery” on March 28-30, 2022 organized by Department of Pharmacy, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, C.G.

### **DELIVERED TALK AS DISTINGUISHED SPEAKER**



- Delivered talk on “Mucoadhesive nano-carrier as non-viral vector for ocular gene therapy for the management of glaucoma”. Phar-East 2018 Asia’s Pharma & Biotech Festival from 28 Feb-2018 to 3 March 2018. Suntec Singapore Convention & Exhibition Centre, Singapore. Organised by Terrapinn Pte Ltd, Singapore
- Delivered talk on “Cationic Nanocarriers: A New Avenue for Ocular Drug Delivery” in “National CME on Role of Nanotechnology in Health Care” Organized by All India Institute of Medical Sciences (AIIMS), Raipur, C.G. on 28<sup>th</sup> March 2023.
- Delivered talk on “Positively Charged Nanocarriers for Ocular Drug Delivery” in National Webinar on “Current Trends in Nanotherapeutics for Ocular and Topical Drug Delivery” Organized by Faculty of Pharmacy, DIT University, Dehradun on 30-06-2021.
- Delivered talk on “Positively charged Nano-carriers for effective management of ocular diseases” in “Summer Webinar Series - 2022” Organized by Periyar College of Pharmaceutical Sciences, Tiruchirappalli - 620021 on 6<sup>th</sup> May 2022.

#### **AWARD OF BEST PAPER IN INTERNATIONAL CONFERENCE**

- **Kesavan K** and SK Bharti. Phase transition nano-sized emulsion for ocular drug delivery: Evaluation of antibacterial activity. Awarded best paper in international conference on Frontier in Nano Sciences, Technology and Applications on 20-22 December 2014 organized by Department of Physics, Sri Sathya Sai Institute of Higher Learning, Prashanthinilayam, Puttaparuthi, A.P.

#### **ORAL AND POSTER PRESENTED IN NATIONAL CONFERENCES**

- **K. Kesavan.** Positively Charged TPGS-Chitosan Nanocapsules as a Non-Viral Vector for Glaucoma Gene Therapy. Oral presentation in ARVO’s 2020 Annual Meeting organized by The Association for Research in Vision and Ophthalmology on May 3-7, Baltimore, MD, USA.
- **K. Kesavan.** In-situ phase transition microemulsion as novel carrier system for ocular bi-therapy. Oral presentation in international conference on emerging researches in biosciences (ICERB-2018), 28 Oct-2018 to 30 Oct-2018 by Guru Ghasidas Central University, Bilaspur..
- **K. Kesavan\*** Gene drug delivery system: new pathway for management of ophthalmic diseases. Poster presentation in national seminar on “Radiopharmaceuticals in healthcare system: Quality, safety and regulatory aspects” on 10<sup>th</sup> February 2018 by Department of pharmaceutical sciences and technology, AKS University, Satna, M.P.
- **K. Kesavan\*** Microemulsion: Prospective Approach for superior drug delivery. Poster presentation in national seminar on “Contemporary challenges in Implementation of CPCSEA in research” on 4<sup>th</sup> March 2017 by Department of Pharmacy, S.N. Medical College, Agra (U.P.).
- Kathle PK, **Kesavan K\*** chitosan-gellan nanoparticles for encapsulation and controlled release of tamoxifen citrate. Poster presentation in national seminar on “Recent trends in

Nanotechnology in biomedical drug research” on 25-26<sup>th</sup> February 2017 by Himachal Institute of Pharmaceutical Education & Research, Nadaun, Himachal Pradesh.

- **K. Kesavan\*** Dendrimers and gene delivery: two newfangled pathways for ophthalmic drug delivery. Poster presentation in national seminar on “Bridging gap between academic and pharmaceutical industries” on 5-6<sup>th</sup> March 2016 by Columbia institute of pharmacy, Raipur, C.G.
- **K. Kesavan\*** Nanocarriers in Drug Development: Focus on Ocular Target. Poster presentation in National seminar on “Ethnomedicine and new drug discovery: opportunities and challenges” on 10-11 April 2015 by Institute of Pharmacy, Guru Ghasidas Vishwavidyalaya, Bilaspur, C.G.
- **K. Kesavan\*** and J.K. Pandit. Mucoadhesive positively charged microemulsion of dexamethasone: comparative effects of two co-surfactants on ocular drug delivery and bioavailability. Oral presentation in DBT Sponsored national seminar “Advances in Molecular Pharmaceutics, Nanomedicine, Nanobiotechnology and Drug Research” on 17<sup>th</sup> March 2013 organized by Columbia institute of pharmacy, Raipur, C.G.
- **K. Kesavan\***. Nanoemulsion: Potential colloidal carrier for drug delivery. Poster presentation in AICTE sponsored national seminar “Emerging trends and innovations in drug delivery and pharmaceutical sciences” on 20<sup>th</sup> October 2013 by Columbia institute of Pharmacy, Raipur, C.G.

#### **WORKSHOP AND CONFERENCES ORGANIZED**

- Organising committee member in National seminar on “Ethnomedicine and new drug discovery: opportunities and challenges” on 10-11 April 2015 by Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, C.G.
- Organising committee member in National Seminar on “Standardization of herbal formulations: A Holistic Goal” on Feb 25-26, 2012 by Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, C.G.
- Organising committee member in 59<sup>th</sup> Indian Pharmaceutical Congress, 20<sup>th</sup>- 23<sup>rd</sup> December 2007, held at Varanasi, India.
- Organising committee member in national level technical symposium on “Pharma Innovations” on 5-6<sup>th</sup> January, 2006 held at Bharathidasan institute of technology, Bharathidasan University, Tiruchirappalli, Tamil Nadu.
- Organising committee member in national level seminar on “Contract Research and Patent Rights” on 24<sup>th</sup> February, 2006 held at Bharathidasan institute of technology, Bharathidasan University, Tiruchirappalli, Tamil Nadu.

#### **Administrative responsibility**

Position	Duration	Information
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<b>Warden</b>	Mar 2018 to March 2022	SV Boys Hostel, GGV
<b>Assistant Centre Superintendent (Exam)</b>	Dec. 2023 to till date	Social Science Building, CSIT Building
<b>University sign board committee</b>	Since Sep 2021	Maintenance of sign board in University campus
<b>MOOC Implementations committee</b>	Since May 2024	Implementation of MOOC courses in department curriculum
<b>Institute Bio-safety committee</b>	Since Nov. 2023	Regulation of biological based research
<b>NIRF Departmental committee member</b>	Since Dec 2016	Uploading data in NIRF Portal
<b>PG coordinator (PG Fellowship)</b>	Since Dec 2021	Maintenance of PG Scholarship for GPAT Students
<b>E-News letter committee</b>	Since Jan. 2022	Release of departmental E-Newsletter quarterly
<b>School Coordinator</b>	Oct. 2023	AIU Central Zone ANVESHAN-2023
<b>School Coordinator</b>	May 2024	ISRO-START Course
<b>Department Coordinator</b>	Nov. 2024	GGV-Energy Literacy Training
<b>Scrutiny committee member</b>	Dec. 2021	Scrutiny committee member for recruitment of chemistry department
<b>Liaisoning officer</b>	Jan. 2024	AIU Central Zone VC Meet
<b>Liaisoning committee member</b>	Jan. 2025	Central zone workshop of MMTTCs
<b>Accommodation committee member</b>	March 2024	TEC-GGV national seminar on IPR
<b>Accommodation committee member</b>	March 2024	GGV-Ideathon 2024
<b>Accommodation committee member</b>	Jan. 2024	AIU Central Zone ANVESHAN-2023
<b>Oral &amp; Poster presentation committee</b>	Sep. 2024	University organized National Seminar
<b>Admission committee members</b>	Since July 2012	Admission for D. Pharm, B. Pharm, M. Pharm, Ph.D

**Dr. Kesavan Karthikeyan**