

FACULTY PROFILE



Name: Dr Jayendra Kumar

Designation: Professor & Principal

E-Mail: Principal.Pharmacy.NCR@srmist.edu.in

Professional Qualification:

- **B.Pharm.** (2005) from U.P. Technical University
- **M.Pharm.** (2007) in **Pharmaceutical Chemistry** from U.P. Technical University
- **PhD** (2016) in Pharmacy from Dr. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY (Formerly U.P. Technical University) under guidance of **Dr Y. Kumar (Ex. Prof. IT-BHU)**
- Certificate course in I.P.R. from W.I.P.O., Switzerland
- Certificate course in "Fundamentals of Clinical Trials" from Harvard University, Cambridge, U.S.A.
- Certificate course in "Drug Discovery & Medicinal Chemistry" Davidson College, North Carolina, U.S.A.

High School	C.B.S.E. (Delhi)	1998	63.60 %
Intermediate	C.B.S.E. (Delhi)	2000	62.80 %
B.Pharm 1 st YEAR	U.P.T.U. (Lucknow)	2002	65.50 %
B.Pharm 2 nd YEAR	U.P.T.U. (Lucknow)	2003	69.05 %
B.Pharm 3 rd YEAR	U.P.T.U. (Lucknow)	2004	70.05 %
B.Pharm 4 th YEAR	U.P.T.U. (Lucknow)	2005	65.66 %
M.Pharm 1 st YEAR	U.P.T.U. (Lucknow)	2006	71.18 %
M.Pharm 2 nd YEAR	U.P.T.U. (Lucknow)	2007	82.50 %

I.P.R. (Certificate course)	W.I.P.O. (Geneva, Switzerland)	2010	72.00 %
Fundamentals of Clinical Trials (Certificate course)	Harvard University (Cambridge, Massachusetts)	2014	81.50 %
PhD in Pharmacy	A.K.T.U. (Lucknow)	2016	Degree Awarded
Drug Discovery & Medicinal Chemistry (Certificate course)	Davidson College North Carolina, U.S.A.	2021	95%

Publications (Journals & Conferences):

➤ **PUBLICATIONS:17**

1. Prabhakar Vishvakarma, Dr. Lucy Mohapatra, Dr. Namita Nath Kumar, Himanshi Rathaur, Mohammad Owais, Dr. Yudhishter Singh Bagal, **Jayendra**, Dr. Santa Mandal, Suraj Mandal. "An Innovative Approach on Microemulsion: A Review", European Chemical Bulletin, **2023**,12(Special Issue 4),11710-11733. (**Scopus** Indexed, **Impact Factor=1.6**)
2. Vijeta Bhattacharya, Amit Kumar Bhatt, Himanshu Sharma, Sarita Garg, Gita, Chaurasia, **Jayendra**, Dr. Wasim Akram, Kanchan Sharma, Suraj Mandal. "Optimization of Formulation by Box Behnken and Invitro Studies of Emulsified Gel Containing Zaltoprofen for the Management of Arthritis", European Chemical Bulletin, **2023**,12(Special Issue 4),11734-11744. (**Scopus** Indexed, **Impact Factor=1.6**)
3. Mohd Yasir, Udai V. Singh Sara, Iti Chauhan, Dheeraj Bisht, Dinesh Puri, **Jayendra**. "Donepezil Base: Physicochemical Characterization, HPLC Method Development, Validation and its Application for the Determination of Shelf Life in Developed Solid Lipid Nanoparticles", Current nanomedicine (**Bentham Science**), **2020**, 10: 48-62.
4. Singh AP, Chauhan I, Bhardwaj S, Gaur P, Kumar SS, **Jayendra**. "HPLC method development and validation for azithromycin in oral suspension", Journal of applied pharmaceutical sciences and research, **2019**, 2(1):7-12.
5. **Jayendra**, Divya Mohunty. "Botanical remedy for diabetes mellitus: Roadmap of last 10 years", International Journal of ChemTech Research, **2018**, 11(8):1-23. Impact Factor: 1.2
6. **Jayendra**. "Annona Squamosa: Basic Understanding and Recent Updates in Therapeutics", International Journal of Pharma and Bio Sciences, **2018**, 9(2):208-213. Impact Factor: 0.670
7. **Jayendra**, Y. Kumar, S. Sadish Kumar. "Two new tetrahydroquinoline analogs from Indian medicinal plant Annona squamosa", Journal of Pharmacy Research (**ELSVIER**), **2013**, 7(6): 510-515. Impact Factor: 0.5
8. **Jayendra**, Yatendra Kumar. "New Compound 6,7-dimethoxy-2-methylisoquinolinium from Indian Medicinal Plant *Annona squamosa* L." International journal of Chemical & Analytical Sciences (**ELSVIER**), **2013**, 4(3): 161-168. Impact Factor: 0.5
9. **Jayendra**, Preety dixit, Akanksha, Arvind Srivastav, Y. Kumar, Rakesh Maurya. "Antihyperglycemic activity of constituents of *Withania coagulans* dunal fruits" Trends in Carbohydrate research, **2012**, 04 (2): 1-6. Impact Factor: 0.6

10. S.Sadish Kumar, **Jayendra**. "Cytotoxicity of marine algal steroids on HeLa cells -A QSAR approach", International journal of Pharma & Biosciences, **2012**, 03 (2): 204-212. Impact Factor: 0.670
11. Rakesh Maurya, Akanksha, **Jayendra**, Amar B. Singh, Arvind K. Srivastava. "Coagulanolide, a withanolide from *Withania coagulans* fruits and antihyperglycemic activity", Bioorganic & Medicinal Chemistry Letters (**ELSVIER**), **2008**, 18: 6534-6537. *Impact Factor*: 2.64
12. Rakesh Maurya, Akanksha and **Jayendra**. "Chemistry and pharmacology of *Withania coagulans*: an Ayurvedic remedy", Journal of Pharmacy & Pharmacology (**WILEY**), **2010**, 62: 153-160. *Impact Factor*: 1.742
13. A B Singh, N Singh, Akanksha, **Jayendra**, R Maurya and AK Srivastava. "Coagulanolide modulates hepatic glucose metabolism in C57BL/KsJ-db/db mice", Human & Experimental Toxicology (**SAGE Journals**), **2012**, 31 (10): 1056-1065. Impact Factor: 1.70
14. Rakesh Maurya, Ausaf Ahmad, Prasoon Gupta, Kailash Chand, Manmeet Kumar, **Jayendra**, Preeti Rawat, Naila Rasheed, Gautam Palit. "Synthesis of novel isoxazolines via 1,3-dipolar cycloaddition and evaluation of anti-stress activity", Medicinal Chemistry Research (**SPRINGER**), **2011**, 20: 139-145. *Impact Factor*: 1.61
15. Vishal kumar soni, Preety dixit, Nasreen bano, Padam kumar, **Jayendra**, Y. Kumar, Rakesh maurya, Swatantra kumar Jain, Shailja misra-bhattacharya. "Relative immune modifier activities of *pterospermum acerifolium*, *murraya koenigii* and *withania coagulans* in BALB/c mouse", International Journal of Pharmacy and Pharmaceutical Sciences (**Academic Sciences**), **2011**, 03(05): 360-365. Impact Factor: 1.59
16. Akanksha, **Jayendra**, Arvind K. Srivastava, Rakesh Maurya. "*Withania coagulans*: Role in Diabetes", Drugs and Pharmaceuticals: Current R & D Highlights (**CDRI Publication**), **2009**, 32 (jan-mar): 106-112.
17. Rohit Mohan, Virendra Singh, Pankaj Yadav, Yogesh Kumar, Mangla Nand Singh, Priyansha, Laliteshwer Pratap Singh, **Jayendra Kumar**, Lalit Kumar. "Regulatory aspects of ayurvedic medicines around the globe: An Updated review", European Journal of Molecular & Clinical Medicine, 2022, 09 (07): 9093-9115. Impact Factor: 0.5

➤ **PATENTS: 10**

1. **PATENT GRANTED** entitled "FABRICATION OF SLNs BY USING NATURAL SURFACTANT AND PROCESS THEREOF", Indian patent office. (Patent No. **398301** dated **01-06-2022**; SL no. **011148088**)
2. **PATENT GRANTED** entitled "Formulation & Method for Development and Transdermal Delivery of Dapsone and an Antibiotic Entrapped in Ethanolic Liposomal Gel" to REPUBLIC OF SOUTH AFRICA (**Application No. 2022/03093** dated **25-05-2022**)
3. **PATENT GRANTED**: "A Formulation for Preparation of Cs-Alg Nanoparticles and a Method Thereof" to REPUBLIC OF SOUTH AFRICA (**Application No. 2022/02969** dated **29-06-2022**)
4. **DESIGN PATENT GRANTED**: Indian patent office. DEVICE TO DETECT OXYGEN LEVEL CONCENTRATION on **07th November, 2022**. Design No. 373682-001

5. **Design patent applied in** Indian patent office. OXIMETER FOR MEDICAL USE on 10th December 2022.
6. **DESIGN PATENT GRANTED:** Indian patent office. "Medical Device for Cold Storage of Fluids" on **30th November, 2022**. Design No. 374873-001
7. **Applied for United Kingdom Design Patent** "Microreactor for nanoparticles synthesis". Design application number 6283124 dated 17th May 2023.
8. **Applied for United Kingdom Design Patent** "Apparatus for Healing Diabetic Foot Ulcer". Design application number 6283037 dated 17th May 2023.
9. **Applied for United Kingdom Design Patent** "Medicinal plant extraction machine".
10. **Applied for United Kingdom Design Patent** "Capsule filling machine". Design application number 386817-001 dated 23rd May 2023.

Awards and Achievements: 5

- Guided 15 PG students for their dissertation.
- Reviewer of following journals:
 - Journal of Chromatography A (ELSVIER)
 - Phytochemistry (elsvier)
 - Tetrahedron (ELSVIER)
 - Journal of Medicinal Plants Research
 - Int. Journal of Pharmaceutical Research
 - Chemistry - A European Journal
 - Chinese Chemical Letters (elsvier)
- Published 01 book & 02 book chapter in Elsevier.
- **Grant of Rs 50,000** received from SICI (Shashti Indo Canadian Institute, New Delhi) for conducting National level seminar.
- **Consultancy Grant of Rs 1,50,000** received from Plus Formulations, Karnal, Haryana for development of 2D & 3D QSAR models for Hemp Seed Oil derivatives for Anti-cancerous activity.

Workshops/Seminars/FDPs: 15

Title of workshop	Date	No. of days	Organized by	Funded by
Workshop on communication skills	25-07-09 to 29-08-2009	36 days	ITS College of Pharmacy	ITS College of Pharmacy
FDP on human values & professional ethics	16 to 23-02-2010	8 days	MPEC, Kanpur	U.P. Tech University
Winter school on emerging areas in Pharmaceutical sciences	11-01-2010 to 16-01-2010	6 days	UIPS, Punjab University	University Grants Commission, India
Nasscom-MTU FDP	27-04-13	1 day	ITS College of Pharmacy	Nasscom
FDP on training the trainers	11-06-2018 to 15-06-2018	5 days	AIPS, Lucknow	Amity University
Entrepreneurship awareness camp	17-03-2016 to 19-03-2016	3 days	ITS College of Pharmacy	ITS Mohunnagar
FDP on Entrepreneurship development	16-05-2017 to 31-05-2017	16 days	Amity University	DST, Government of India
Professional development Program	25-04-2017 to 27-04-2017	3 days	Amity academic staff college	Amity University
Role of Health Care Professionals in Combating COVID-19 Pandemic	13-05-2020 to 14-05-2020	02 days	Amity academic staff college	Amity University Uttar Pradesh, Lucknow Campus
Pharmaceutical Product Development: Challenges and Opportunities	15-19 th June 2020	One week	School of Pharmacy	Dr. L. H. Hiranandani College of Pharmacy
Living Covid-19 Now & After	26-28 th June 2020	03 days	Department of Pharmacy	Invertis University, Bareilly

Emerging trends in Pharmaceutical Sciences	09-13 th June 2020	One week	School of Pharmacy	Sharda University
PRAGYATHA 2020–Recent Advances in Pharmacy Education	10-15 th July 2020	One week	Narasaraopeta Institute of pharmaceutical sciences	JNTUK, Andhra Pradesh
Current Scenario of Online Educational Tools in Pharmaceutical Sciences	23-24 th July 2020	Two days	KIT, Kanpur	AKTU, Lucknow
Restructuring Pharmacy Education e-FDP	20-24 th July 2020	05 days	Lloyd Institute	AKTU, Lucknow

➤ **Seminars: 23**

Title of research paper	Name of conference	Organised by	Date	Type
Medicinal chemistry & phytochemistry	61 IPC	Indian Pharmaceutical Congress	12-12-2009	National
Pharmaceutical analysis & quality assurance	61 IPC	Indian Pharmaceutical Congress	13-12-2009	National
New bioactive compounds from indian medicinal plant: Annona squamosa	NRIPSCON 2017	Indian pharmacological society	02-09-2017	National
2D & 3D QSAR studies of some marine algal steroids	Contemporary issues in analytical & bioanalytical research	Dr APJ Abdul kalam technical university	16-09-2017	National
Management in case of epidemics	Concepts & modern approach for budding pharmacist	BBDNITM & UPTU	10-04-2002	National
New antidiabetic compounds from withania coagulans	Gyanoday 2015	IEC group of institutions	28-11-2015	International

New acetogenins from the seeds of annona squamosa	National symposium on ADR monitoring & pharmacovigilance	Indian pharmacopoeia commission	09-02-2013	National
Antiulcer activity from compounds of Annona squamosa	Industry demand from Pharmacy youth	Innovative college of Pharmacy	22-02-2013	National
Antidiabetic activity from compounds of withania coagulans	Pharmacovigilance: Regulators, perspective & prospects of risk management	ITS college of Pharmacy, Muradnagar	05-04-3013	National
Annona squamosa: Botany, chemistry & pharmacology	Current pharmaceutical developments	NRI institute of Pharmacy	12-09-2009	National
Two new tetrahydro isoquinoline analogs from indian medicinal plant Annona squamosa	Global trends in pharmaceutical & clinical practices	TMU Moradabad	06-02-2015	International
Synthesis of 4-[3-(2,4-Dimethoxy-phenyl)-4,5-dihydro-isoxazol-5-ylmethyl]-2-methoxyphenol from 1,3-dipolar cycloaddition reaction	Challenges & opportunities for future pharmacists	IHPA & Sunderdeep college	11-11-2017	National
Two novel saponins from seeds of genus camellia	Skilling pharmacists for global healthcare challenges	IHPA & TB college of pharmacy, Goa	18-02-2018	International
New SCID model for Psoriasis (In vivo xenotransplantation model)	Skilling pharmacists for global healthcare challenges	IHPA & TB college of pharmacy, Goa	18-02-2018	International
Synthesis of aporphine derivatives as novel antidiabetic agents	Innovations in pharmaceuticals, herbals & CAMs for management of interactions, side-effects thereof	IPGA	19-02-2018	National
Synthesis of 4-[3-(2,4-Dimethoxy-phenyl)-4,5-dihydro-isoxazol-5-ylmethyl]-2-methoxy-	Nano-medicine & nano-technology in health	Apeejay satya University	17-02-2018	National

phenol from 1,3-dipolar cycloaddition reaction	care			
Synthesis of phenolic isoxazoles from 1,3-dipolar cycloaddition reaction	Herbal pharmacovigilance: current scenario & future strategies	ITS college of Pharmacy, Muradnagar	31-08-2018	International
Attended Only	National homoeopathy seminar on non-communicable diseases	D P Rastogi homoeopathy research institute, Noida	02-11-2017	national
Antimicrobial activity of oleoresins from cinnamon bark	Infectious pulmonary disorders: strategies to control emergence & spread of anti-microbial resistant microorganisms	Amity University	23-05-2018	International
Attended Only	Indian pharmaceutical sector-challenges & expectations	AICTE & IIMT college	20-11-2013	national
Attended Only	Redifining pharmacy education in India	IPGA, New delhi	19-09-2009	national
Attended Only	Emerging trends in pharmaceutical sciences	UPTU	26-02-2006	National
Synthesis & antimicrobial activity of novel benzoic acid amide derivative	Infectious pulmonary disorders: strategies to control emergence & spread of anti-microbial resistant microorganisms	Amity University	24-05-2018	International

Topic	Date	University/College	Type
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➤ **WEBINARS AS ORGANISING CHAIRMAN 10**

S.No.	Date	Institute	Topic	Speaker	Speaker Designation
1	21-08-2020	Skyline Institute of Pharmacy	BE/BA studies-Basic concepts & Process	Mr Bhupesh Pratap Rai	Principal Scientist, Perrigo
2	08-09-2020	Skyline Institute of Pharmacy	Ecofriendly pharmaceutical applications of Hydrotropy	Dr R K Maheshwari	Professor, SGSITS Indore
3	02-10-2020	Skyline Institute of Pharmacy	Clinical trials-Basics & adaptation during covid-19 Pandemic	Ms Medha Bhupesh Pratap	Scientist, Covance
4	30-01-2021	Skyline Institute of Pharmacy	Career Opportunities in Pharma Industry: 2020 & beyond	Dr. Jagdip Grover	Process Chemist, Pfizer, Ireland
5	26-02-2021	Skyline Institute of Pharmacy	Role of Pharmaceutical Industry in Health Care for 21st century	Dr. Prem Goel	Director, Goel & Goel Associates LLP
6	27-11-2020	Skyline Institute of Pharmacy	Stem Cells: Hope or Hype	Dr. Sachin Kadam	C.T.O., Advancells Group
7	28-05-2021	Skyline Institute of Pharmacy	Vaccines for Covid-19	Mr. Lalit Bansal	Executive Officer, Pfizer India
8	05-01-2021	Skyline Institute of Pharmacy	Effective Communication	Mr. Manish kr Chohan	Founder, WinCollege2Corporate
9	15-06-2021	Skyline Institute of Pharmacy	IPR & Career opportunities in IPR	Ms. Neha Goel	Director, Unipatrde Consultats LLP
10	03-08-2022	Ishan Institute of Pharmacy	Ecofriendly techniques using hydrotropy, mixed hydrotropy and mixed solvency	Dr R K Maheshwari	Professor, SGSITS Indore

➤ **Webinars: 21**

Management of Covid19	17-18 June 2020	Apex Professional University	National
Covid -19 awareness quiz programme	May 2020	Goel Institute of Pharmacy, Lucknow & Sciences	National
Yoga for Spirit, Mind and Body	21 June 2020	IFTM University, Moradabad	National
Recent trends in job with artificial intelligence impacting healthcare & Pharmaceutical industry	07 June 2020	IIMT College, Gr Noida	National
Rapid challenges & operations in pharmaceutical companies after covid19	14 June 2020	IIMT College, Gr Noida	National
Health care during covid19: Focus on telemedicine & Pharmacy	21 June 2020	IIMT College, Gr Noida	National
Interprofessional Education	13 June 2020	JSS college, Mysuru	National
Ignorance of Pharmacy & therapeutic committee in hospitals in the management of covid19	06 June 2020	Lloyd Institute, Gr Noida	National
Virtues of virtual education in Pharmacy after covid19	17 June 2020	Lloyd Institute, Gr Noida	National
siRNA therapeutic potentials & prospects in tackling virus mediated disease	05 June 2020	MNR college of Pharmacy, Gr Hyderabad	International
What is plagiarism & why it should be avoided	19 June 2020	MNR college of Pharmacy, Gr Hyderabad	International
Drug abuse & illicit trafficking Quiz	26 June 2020	Uttaranchal University	National
Social awareness Quiz on "Recent Developments in Fight against Covid-19 Pandemic and Post Lockdown Strategies"	25-27 June 2020	RBVRR Women's College of Pharmacy, Hyderabad	National
Covid19 Quiz	May 2020	Saras college, Baghpat, UP	National
Future Prospects of	27 June 2020	Saras college, Baghpat, UP	National

Higher Education Overseas			
Research Grant Writing: An Art	25 May 2020	Subharti University, Meerut	National
Endeavor in Research and Academics: Need of the Hour	10-11 June 2020	United Institute, Allahabad	International
Pharmacy Practice and Therapeutics	19-20 August 2020	Nirmala College of Pharmacy, Hyderabad	International
Wiley Online Library	28-07-2021	Wiley & AKTU	International
Reviewing research papers-Do's & Don'ts	30-07-2021	Nalanda E-consortium, AKTU	National
Why do papers get rejected? An emphasis on understanding theoretical contribution in research	28-07-2022	Nalanda E-consortium, AKTU	National
UN SDG's-understanding research impact & where to begin!	31-08-2022	Nalanda E-consortium, AKTU	National

➤ CME's & CPE's: 06

S.No.	Date	Topic	Certificate Number	Organiser
1	13-05-2022	Dispelling myths & misinformation around Covid-19 vaccines with Scientific data	88844821	WebMD Global
2	02-07-2022	Building confidence in Covid-19 Vaccines	89408251	WebMD Global
3	11-07-2022	Multiple Myeloma: Practical strategies for managing Immunotherapy	89508267	WebMD Global
4	11-07-2022	Novel Oral Therapies for Ulcerative Colitis	89509177	WebMD Global
5	03-08-2022	Unfolding the future-mRNA Technology	89785851	WebMD Global
6	05-08-2022	Covid-19 Vaccination in children	89812369	WebMD Global

Work Experience:**➤ 18 Years**

Institution	Designation	Duration	Nature of duties
Agarwal Pharmacy Khera, Ghaziabad	Assistant to Technical Expert (Evening Shift)	01-07-2005 10-07-2007	Preparation of plant extracts Instrumentation lab maintenance
SITM, Lucknow	Lecturer	16-07-2007 15-07-2008	Teaching at undergraduate level Handling B.Pharm projects Member of NBA accreditation team Pharmacy Council related paper work
I.T.S College of Pharmacy, Ghaziabad	Assistant Professor	23-07-2008 15-02-2017	Teaching at undergraduate level Teaching at postgraduate level Handling M.Pharm projects Member of NBA accreditation team Member of NAAC accreditation team Member of NIRF accreditation team Pharmacy Council approval work AICTE paper & approval work
Amity University, Noida	Associate Professor	20-02-2017 01-01-2019	Teaching at undergraduate level Teaching at postgraduate level Handling M.Pharm projects Member of NBA accreditation team

			Member of NAAC accreditation team Member of NIRF accreditation team Pharmacy Council approval work
School of Pharmacy Monad University, Hapur & Charak College of Pharmacy Hapur (Constituent college of Monad University Management)	Principal	02-01-2019 04-08-2020	Teaching at undergraduate level Teaching at postgraduate level Handling M.Pharm projects Member of NBA accreditation team Member of NAAC accreditation team Member of NIRF accreditation team Pharmacy Council approval work AICTE paper & approval work
Lloyd School of Pharmacy Greater Noida	Director	05-08-2020 13-10-2021	Pharmacy Council approval work AICTE paper & approval work BTE paper & approval work
Ishan Institute of Pharmacy Greater Noida	Principal	14-10-2021 14-11-2022	Pharmacy Council approval work AICTE paper & approval work BTE paper & approval work
SRM Modinagar College of Pharmacy, SRM University NAAC A++ Grade, NIRF-18	Principal	16-11-2022	Member of University Academic Council, Approved PhD supervisor NAAC Head Pharmacy Council approval work AICTE paper & approval work

Professional Memberships:

- Life member of IPGA (Indian Pharmacy Graduates' Association). Membership no. LM-4079
- Registered Pharmacist at Uttar Pradesh Pharmacy Council since 25 September 2008.
Membership No. 39448