

Curriculum Vitae

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Professor,
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M.Pharm., Ph.D
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Google Scholar link:
<https://scholar.google.com/citations?hl=en&user=Mh3HnW8AAAAJ>

Academic Qualifications

Program	Subject(s) Specialization	University/Institution	Year
Bachelor of Pharmacy	Pharmaceutical Sciences	University of Poona, Pune, India	1993
Master of Pharmacy	Pharmaceutical Chemistry	Jamia Hamdard, New Delhi, India	1995
Doctor of Philosophy	Pharmaceutical Chemistry	Jamia Hamdard, New Delhi, India	1999

Research Experience & Training

Research Stage	Title of Work/Thesis	Period of work	Place of work
Master of Pharmacy	Chloromethylation of <i>o</i> -Hydroxy acetophenone and its exploitation to give compounds of potential pharmaceutical interest.	October 1993 Through September 1995	Hamdard University, New Delhi, India
Doctorate of Philosophy (Ph.D)	Investigations on compounds of potential pharmaceutical interest (study on flavonoids and benzyl amines)	November 1995 through March 1999	Hamdard University, New Delhi, India
Post-Doctoral Training	Computer Aided Drug Designing SERB- DST sponsored Three months training at Central Drug Research Institute, Lucknow, India	October 2003 Through January 2004	Central Drug Research Institute, Lucknow, India

Teaching and Research experience: Twenty-four+ years

	Programs taught	Period
(a) Teaching		
(i) Undergraduate level	Bachelor of Pharmacy II – IV year	1999 through 2024
(ii) Post-graduate level	Master of Pharmacy – I/II year	2001 – 2005, 2016 – 2024
	Doctor of Pharmacy – III yr.	2016 through 2024
(b) Research		

Supervisor for research degrees

Degree	Awarded	No. of Research Scholars working
Ph.D.	03	03
M. Pharm.	12	01

In reverse chronological order: current first

S.no	Years	University	Job description
1	Presently working since October 2016	Faculty of Pharmacy, Integral University, Lucknow, India	A) Teaching Undergraduate and Master's level The following subjects Medicinal Chemistry Drug Discovery B) Administration Dean, Faculty of Pharmacy
2	Eleven Years	College of Pharmacy, Al-Jouf University, Sakaka, Al- Jouf, Saudia Arabia	A) Teaching Undergraduate level (both theory and practical classes) the following subjects Organic Chemistry Medicinal Chemistry B) Administration Head of the Department of Pharmacy and Coordinator of Deptt of Pharmaceutical Chemistry.
3	Six years+	Jamia Hamdard (Hamdard University), New Delhi, India	A) Teaching Undergraduate and Master's level (both theory and practical classes) the following subjects Medicinal Chemistry Natural Products Chemistry B) Research Supervision of five students for their master's dissertation Supervision of one student for doctorate degree.

Research Interests

A) Synthesis of anti-inflammatory compounds through *COX* and *LOX* inhibition

B) Synthesis of antipsychotic agents with D₃ selective or D₃ /5HT_{2A} dual inhibition

Research accomplishments include preparation of compounds with potent anti-inflammatory action and antibacterial activity based on synthesis and biological evaluation of flavonoids, butenolides and pyrrolones

Benzopyrones and flavonoids in particular exhibit potent anti-inflammatory effect due to their ability to inhibit key enzymes like *cyclooxygenase* and *lipooxygenase*.

Synthesized chalcones and later cyclised them into flavanones and flavones. These compounds exhibited moderate to good anti-inflammatory action.

Butenolides and pyrrolones, constitute an important class of compound having characteristic- γ -lactone in their structure were synthesised and bioactivity of few of them was promising.

Future aim is to synthesize aryl piperazine derivatives that exhibit D₃ selective or D₃ /5HT_{2A} dual inhibition and thus act as potent antipsychotic agents and at the same time present a lower incidence of side effects, notably the extra pyramidal effects.

Use of innovative pedagogical methods of teaching

Active Learning strategies like use of

- ✓ **Flipped classroom approach,**
- ✓ **Think – Pair – Share,**
- ✓ **Peer instruction and**
- ✓ **Predict – Observe – Explain**

through online and blended approach to students

Published Work

Google Scholar link <https://scholar.google.com/citations?hl=en&user=Mh3HnW8AAAAJ>

ORCID <https://orcid.org/my-orcid?orcid=0000-0003-2189-2688>

SCOPUS <https://www.scopus.com/authid/detail.uri?authorId=7202054479>

WoS <https://www.webofscience.com/wos/author/record/GWC-8298-2022>

Publications	Google Scholar	Scopus	SCI/Web of Science
(a) Research/Review Articles	33	28	18
(b) Book/ Book Chapters	07	2	01
H index	13	11	10

Awards and Fellowships

- ❖ JRF on account of Qualification in GATE
- ❖ DST – SERB Visiting Fellowship for three months for learning CADD in CDRI, Lucknow

Selected Invited lectures / Resource Person

S. No.	Title	Name of the event/ organizer/Institute	International/ National
1	Modern perspectives of Pharmaceutical Education, Teaching and Research in the current Digital Era	Continuing Education Programme, SPER, Jamia Hamdard, sponsored by Pharmacy Council of India	National
2	Higher Education opportunities in India for Pharmacy profession	OMC Career Guidance Day, Oman Medical College, Muscat, Oman	International
3	Early detection of Cancer	Central Research Institute of Unani Medicine, Lucknow	National
4	Basics of Detergent powder, Soap and Phenyl etc.	Entrepreneurship Development Programme on Chemical and Allied Products	State

Participation in Orientation/Refresher Courses, Summer Institutes

S. No.	Name of the Orientation / Refresher Courses	Name of Sponsoring Agency
1	Faculty Development Programme in Pharmacy	All India Council for Technical Education
2	Analytical Techniques	All India Council for Technical Education
3	Current trends and methods in Pharmaceutical Sciences	University Grants Commission
4	Pedagogy for online blended teaching and learning	IIT Bombay
5	Mentoring Educators in Educational Technology	IIT Bombay

Participation in university administration

- ❖ Dean, Faculty of Pharmacy, Integral University, Lucknow
- ❖ Director IQAC and ICEIR (Formerly IIRC), Integral University, Lucknow
- ❖ Chairman, Committee for Optimum Utilisation (Glasswares and Chemicals), Integral University, Lucknow
- ❖ Member – Governing Body of University, Executive Council and Academic Council, Integral University
- ❖ Chairman, Board of Studies and Faculty Board, Department of Pharmacy, F/o Pharmacy, Integral University, Lucknow
- ❖ Coordinator/Supervisor of Department of Pharmaceutical Chemistry in College of Pharmacy, Al Jouf University, Sakaka, Saudi Arabia
- ❖ Member, Syllabus Drafting Committee, College of Pharmacy, Al Jouf University, Sakaka, Saudi Arabia
- ❖ Member, Board of Studies, Department of Pharmaceutical Chemistry, F/o Pharmacy, Jamia Hamdard, New Delhi, India
- ❖ Convenor, Sessional Examinations, F/o Pharmacy, Jamia Hamdard, New Delhi, India
- ❖ Course Coordinator, UGC sponsored Faculty Development Programme, F/o Pharmacy, Jamia Hamdard, New Delhi, India
- ❖ Member, Placement Cell, F/o Pharmacy, Jamia Hamdard, New Delhi, India
- ❖ Member, Editorial team, Spreadsheet (2nd issue), F/o Pharmacy, Jamia Hamdard, New Delhi, India
- ❖ Member, Sports Committee, F/o Pharmacy, Jamia Hamdard, New Delhi, India
- ❖ Committee Member, Faculty and Department presentation (University Grants Commission visit for X plan), F/o Pharmacy, Jamia Hamdard, New Delhi, India
- ❖ Head / Coordinator of Department of Pharmacy in College of Health Sciences, Sakaka, Al Jouf University, Sakaka, Saudi Arabia
- ❖ Design and Coordination of teaching schedules in the Department of Pharmacy, Al Jouf University, Sakaka, Saudi Arabia
- ❖ Design and implementation of exam schedules, field training schedules and internship schedules for pharmacy students, Al Jouf University, Sakaka, Saudi Arabia

Personal Profile

Date of birth	: 22 February 1969
Gender	: Male
Marital Status	: Married
Address for Communication	: “Shelter”, Haji Compound, Near Circuit House, Camp, Amravati (Maharashtra State), India 444 602 misbahhasan@yahoo.com
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Skype Id	: shoab5543
Cell / Mobile	: +91-9765629789; +91-7518631695
Permanent address	: “Shelter”, Haji Compound, Near Circuit House, Camp, Amravati (Maharashtra State), India 444 602
Languages Known:	English, Hindi, Marathi and Urdu.