

Fehmeeda Khatoon

Assistance Professor Stage III
Applied Sciences and Humanities



Basic Detail

First Name	Fehmeeda
Middle Name	
Last Name	Khatoon
Employement-id	FK2122
Designation	Assistance Professor Stage III
Faculty / Office / School / Centres	Faculty of Engineering & Technology
Department	Applied Sciences and Humanities
Social Category	General
Date of Birth	06/07/1958
Are you physically challenged ?	no
Gender	Female
Selection Mode	Direct
Date of Joining the Institution	16/07/2007
Date of Joining Teaching Profession	16/07/1993
Heighest Qualification	PhD
Additional / Eligibility Qualification	
No. of Years spent exclusively in other than teaching job	12
Religion	Islam
Office Address	DEPARTMENT OF APPLIED SCIENCES AND HUMANITIES, FACULTY OF ENGINEERING AND TECHNOLOGY, JMI NEW DELHI-25
Residential Address	B-88 GANESH NAGAR, PANDAV NAGAR COMPLEX DELHI-92
Field of Specialization	ORGANIC CHEMISTRY
Broad Discipline Group Category	POLYMER AND MEDICINAL CHEMISTRY
Broad Discipline Group	POLYMER AND MEDICINAL CHEMISTRY
Email-id (Primary)	fkhatoon@jmi.ac.in
Email-id (Secondary)	fehmeeda58@gmail.com
h-index	
i10-index.	

Empoyement Profile

(i) Empoyement Profile in JMI

#	Designation	From	To
1	Assistant Professor	16/07/2007	

(ii) Promotion Details

#	Date of Promotion	Designation
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(iii) Teaching Appointment before joining JMI

#	Job Title	Employeeer	From	To
1	Lecturer	Zakir Hussain College, University of Delhi	16/07/1993	30/04/1997
2	Part time Lecturer,	Jamia Millia Islamia	09/08/2002	09/08/2007

(iv) Industry Experience

#	Position	Name of the Industry	From	To
1				

Academic Qualification (From Highest Degree)

(i) Academic Qualification (From Highest Degree)

#	Examination	Board/ University	Year	Division/ Grade	Subjects
1	Ph.D.	A.M.U ALIGARH	1987	1st	Chemistry of Natural Products
2	M. Phill	A.M.U ALIGARH	1983	1st	Chemistry of Natural Products
3	M. Sc.	A.M.U. ALIGARH	1981	1st	Chemistry (Organic)
4	B.Sc.(H)	A.M.U. ALIGARH	1979	1st	Chemistry, Botany, Zoology.
5	P.U.C.	A.M.U. ALIGARH	1976	1st	Physics, chemistry, Biology
6	Xth	A.M.U. Aligarh	1975	1st	Science Group

(ii) Highest Academic Degree when Joined JMI

Ph.D.

Academic/ Administrative Responsibilities Outside the University

(i)Academic/Administrative Responsibilities within the University

#	Position	University / Faculty / Department / Centre Level	From	To
1				

(ii) Academic/Administrative Responsibilities outside the University

#	Position	Institution	From	To
1				

Awards / Fellowships

(i) Awards

#	Year of Award	Name of the Award	Awarding Agency/Organization
1			

(ii) Fellowships

#	Year of Award	Name of the Fellowship	Awarding Organization	From (Month/ Year)	To (Month/ Year)
1	1985	Junior Research Fellowship	UGC Delhi	December 1985	December 1986
2	1987	Senior Research Fellowship	CSIR, India	Janurary 1987	January 1989

(iii) Extension and Co-curricular & field based activities

#	Name of Activity	Place of Activity	From (Month/Year)	To (Month/Year)	Beneficiary
1					

Curriculum Development

(i) Curriculum Development

#	Name	Level	Offered Under CBCS	Beneficiary Department/Center
1				

(ii) Course Taught at Postgraduate and Undergraduate Levels

#	Course Name	Level	Offered Under CBCS	Beneficiary Department/Center
1	Organic Chemistry, Inorganic Chemistry, Physical Chemistry	Under Graduate	No	Department of Chemistry, Faculty of Natural Sciences, JMI New Delhi-25
2	Engineering Chemistry	Under Graduate	No	Department of Applied Sciences and Humanities, Faculty of Engineering, JMI New Delhi-25

(iii) Project Guided

#	Title of Project	Name of Student	Level	Duration (From)	Duration (To)	Student Affiliation
1						

Details of Major R&D Submitted/Ongoing/Completed Projects

(i) Details of Major R&D Submitted/Ongoing/Completed Projects

#	Title of Project	Funding Agency	Sanctioned Grant (Rs.)	Date of Sanction	Year	Status
1	Development of Hydrogels based Smart Wound Dressings	Department of Biotechnology, Ministry of Science & Technology, Government of India	63.374 Lakhs	18/07/2008	2008-2010	Completed
2	Phytochemical analysis of bioactive constituents of commonly used plants and development of antimicrobial activities thereof.	UGC	7,43,300 Lakhs	01/04/2013	2013-2016	Completed
3	Preparation of Nanocellulose and Nanocomposite as malfunctional materials derived from biomass towards sustainable development	SPARC	81,33,998	18/03/2019	March 2019	Ongoing

(ii) Details PhD Student guided/ Enrolled

#	Name of the PhD Student	Title of Thesis	Role	Year	Awarded / Enrolment
1	Anoop Kumar S	Molecular Designing of Conducting Polymers by Deliberate Modification in the Monomer/Polymer Matrix for Corrosion and EMI Shielding Applications	Supervisor	2012	Award
2	Mumtaz Jahan	Antimicrobial Potential of Some Medicinal and Aromatic Plants	Supervisor	2013	Award
3	Sheikh Imran Ahmad	In-vitro Antimicrobial Activity and Phytochemical Analysis of Different Plant Extracts	Supervisor	2015	Award
4	Mohammad Amir Qureshi	Preparation, Characterization & Antimicrobial Studies of Drug Loaded Polymer blend film	Supervisor	2016	Award
5	Mohd Sadiq Sheikh Zarger	Phytochemical Investigation & Antimicrobial Activity of different plant Extracts	Supervisor	2015	Award
6	Shikha Sharma	Green synthesis of metal/metal oxide nanoparticles & their coating properties	Supervisor	2014	Enrolment
7	Mohd. Rayaz	Evaluation of green absorbent as a novel adsorbent for the removal of heavy metals	Supervisor	2018	Enrolment

(iii) Detail of M.Phil Student Guided/ Enrolled

#	Name of the M.Phil Student	Title of Thesis	Role	Year	Year of Award/ Enrolment
1					

Participation in Workshop / Symposia / Conferences / Colloquia / Seminar / School etc.

(i) Participation in Workshop / Symposia / Conferences / Colloquia / Seminar / School etc.

#	Date(s)	Title of Paper	Level of Event	Role	Event organized by	venue
1	26-27,2010		national	Participation	University Institute of chemical Engineering & Technology Panjab University, Chandigarh.	University Institute of chemical Engineering & Technology Panjab University, Chandigarh.
2	OCT 13-14, 2011		national	Participation	Chemistry Discipline & Sir C.V Raman Chair School of Science.	IGNOU, Maidan Garhi, New Delhi-110068
3	Feb 20-23,2012		national	Participation	Jamia Hamdard	Jamia Hamdard
4	March 2-3, 2012		national	Participation	Dept. of Chemical Technology North Maharashtra University, Jalgaon - 425 001(M.S.)	Dept. of Chemical Technology North Maharashtra University, Jalgaon - 425 001(M.S.)
5	Feb 25, 2013		national	Participation	Department of Applied Science & Humanities, F/O Engg. & Technology , Jamia Millia Islamia	Department of Applied Science & Humanities, F/O Engg. & Technology , Jamia Millia Islamia
6	December 12-13, 2013		national	Participation	Department of Chemistry, Himachal Pradesh University, Shimla-171005	Department of Chemistry, Himachal Pradesh University, Shimla-171005
7	February 19-21, 2014		national	Participation	India Habitat centre New Delhi.	India Habitat center New Delhi.
8	April 28-29, 2014.		national	Participation	Department of Applied Science & Humanities, F/O Engg. & Technology , Jamia Millia Islamia	Department of Applied Science & Humanities, F/O Engg. & Technology , Jamia Millia Islamia
9	July 9-11, 2014		international	Participation	Electron Microscopy society of India (EMSI)	Delhi University
10	12/10/2015		national	Participation	Ministry of Environment, Forest and climate Change	CSIR-National Physical Laboratory, New Delhi
11	15-17/04/2016		international	Speaker	Centre for biomedical Engineering,IIT, Delhi	IIT, Delhi
12	09-11/09/2016		international	Participation	Department of Applied Science & Humanities, F/O Engg. & Technology , Jamia Millia Islamia	Department of Applied Science & Humanities, F/O Engg. & Technology , Jamia Millia Islamia
13	05/10/2016		national	Paper Presentor	Faculty of Science, YMD College, Haryana-122107	Faculty of Science, YMD College, Haryana-122107
14	04-05/11/21016		international	Paper Presentor	Center of Nanoscience & Nanotechnology, JMI, New Delhi	Center of Nanoscience & Nanotechnology, JMI, New Delhi
15	16/05/2017		national	Participation	Department of Pharmacognosy & Phytochemistry	Department of Pharmacognosy & Phytochemistry
16	17/05/2017		national	Participation	Bioactive Natural Product Laboratoty and Departmebnt of Pharmacognosy & phytochemistry	School of Pharmaceutical Education and Research, Jamia Hamdard, New Delhi

Invited Talks Delivered

(i) Invited Talks Delivered

#	Topic	Date	Inviting Organization
1	Fabrication and biological studies of Musa sapientum loaded Chitosan Films for Biomedical Application	02/3/2012	North Maharashtra University

(ii) Details of Faculty Dvelopment / Skill Enhancement / Orientation / Refreshr course attend(if any)

#	Name of the Program	Place	Duration	Host Institute
1	87th four week Orientation program	Jamia Millia Islamia	19/02/2009 - 21/03/2009	Jamia Millia Islamia
2	Chemistry Refersher Course	Academic Staff College	11/07/2012 - 31/07/2012	University of Hyderabad
3	3rd three Week Refresher Course	Jamia Millia Islamia	9/05/3013 - 30/05/2013	Jamia Millia Islamia
4	Refersher course in contemporary studies (interdisciplinary)	Jamia Millia Islamia	15/11/2017 - 06/12/2017	Jamia Millia Islamia

Membership of Learned Socities

(i) Membership of Learned Socities

#	Types of Membership	Organozation	Membership No. if any
1	Life Member	Asian Polymer Association	L032
2	Life Member	ISAS-Delhi Chapter	

(ii) Academic Foreign Visits

#	Name of Institute / University	Duration of Visit	Programm
1			

Publication

(i) Journals

#	Author(s)	Title of paper	Journal (Full Name)	Volume (No.)	Page Number	Year	Impact Factor if any	ISSN Number	Name of the Publisher	Whether you are the main author	Whether peer reviewed	Level of Publisher	UGC Listed
22	Mohammad Amir Qureshi and Fehmeeda Khatoon	In vitro study of temperature and pH responsive Gentamycin sulphate loaded chitosan based hydrogel film for wound dressing applications. Journal of polymer plastics technology and engineering	Polymer-Plastics Technology and Engineering	54	573	2015	1.655	2574-0881	Taylor & Francis online	No	Yes	International	Yes
21	Mohd Sadiq S. Zarger, Fehmeeda Khatoon & Nida Akhtar	Phytochemical investigation and Growth Inhibiting Effects of Salix alba Leaves Against some pathogenic fungal Isolates	World J. of Pharmacy and pharmaceutical sciences	3	1320	2014		2278-4357		No	Yes	National	Yes
20	Nida Akhtar, Mohd Sadiq S. Zarger, Fehmeeda Khatoon, B. P. Panda, M. Sarwar Alam, and Mohd. Ali	Antibacterial Effect of Seed Oil of Z. alatum Against Oral Pathogenic Bacteria	J. of computational and therapeutic Nanoscience	20	1608	2014		1546-1955		No	Yes	International	Yes
19	. Mohd Sadiq S. Zarger, Nida Akhtar, Sheikh Shreaz, R. Bhatia, and Fehmeeda Khatoon	Phytochemical Analysis and Growth Inhibiting Effects of Salix viminalis L. Leaves Against Different Candida Isolates	Adv. Sci. Lett.	20	1463	2014	1.253	1936-6612	American scientific Publishers	No	Yes	International	Yes
18	Mohammad Amir Qureshi & Fehmeeda Khatoon	Development of citric acid cross linked PVA Polyvinyl alcohol hydro gel film, its degradability and effect of temperature, PH	Adv. Sci. Lett.	20	1414	2014	1.253	1936-6612	American scientific Publishers	No	Yes	International	Yes

17	S. Anoop Kumar, Avanish Pratap Singh, Parveen Saini, Fehmeeda Khatoon, S. K. Dhawan	Synthesis, charge transport studies, and microwave shielding behavior of nanocomposites of polyaniline with Ti-doped c-Fe ₂ O ₃	J Mater Sci	46	1	2011	2.993	0022-2461	Spinger US	No	Yes	International	Yes
16	Anoop Kumar S, Hema Bhandari, Chandrica Sharma, Fehmeeda Khatoon and Sundeep K Dhawan	A new smart coating of polyaniline-SiO ₂ composite for protection of mild steel against corrosion in strong acidic medium	Polymer international	62	1192	2013	2.352	1097-0126	Society of chemical industry	No	Yes	International	
15	Sheikh Imran Ahmad, Malini Capoor & Fehmeeda Khatoon.	Phytochemical analysis & growth inhibiting effects of Cinnamimum Cassia Bark On some pathogenic fungal isolates	Journal of Chemical and Pharmaceutical Research	5	25	2013	0.38	0975-7384		No	Yes	National	Yes
14	Jahan Mumtaz, Warsi M.K., Khatoon Fehmeeda	Evaluation of the Antibacterial Potential of Azadirachta indica Leaf Extracts	International J. of Research in chemistry and environment chemistry	2	33	2012		2248-9647	IJKCE	Yes	Yes	National	Yes
13	Mumtaz Jahan, Muhiuddin K. Warsi and Fehmeeda Khatoon	Studies on the Antimicrobial Property of Eucalyptus-The Aromatic Plant	Review and Research	7	86	2011	0.65	0976-044X	Index Copernicus Ltd.	Yes	Yes	National	Yes
12	Mumtaz jahan, Warsi M.K. and F. Khatoon	Concentration Influence on Antimicrobial Activity of Banana Blossom Extact-Incorporated Chitosan-Polyethylene Glycol (CS-PEG) Blended Film	J. Chem. Pharm. Res.	2	373	2010	0.12	0975-7384		No	Yes	National	Yes
11	Mumtaz jahan, F. khatoon and Saiqa Ikram	A Review on Anti-Inflammatory Synthetic and Naturopathic Drugs	International journal of Contemporary Research and review	7	1	2010	4.02	0976-4852		No	Yes	National	Yes
10	F. R. Ansari, Fehmeeda Khatoon, W.H. Ansari and W. Rehman	Dihydro Flavonoids from the leaves of Rhus Insignis (Anacardiaceae)	J. Indian Chem. Soc.	LXII	487	1985	0.12	00194522	Scientific publishers	No	Yes	National	Yes
9	Fehmeeda Khatoon, Imdad U Khan and W. H. Ansari	Chemical examination of leaves of Juniperus bermudiana	J. Indian Chem. Soc.	LXII	446	1986	0.12	00194522	Scientific publishers	Yes	Yes	National	Yes

8	M. KHabir, Fehmeeda Khatoon and W. H. Ansari	Flavonoid glycosides from the leaves of Taxodium Muconatum	j. Indian Chem Soc.	LXII	711	1986	0.12	00194522	Scientific publishers	No	Yes	National	Yes
7	Fehmeeda Khatoon and M. Khabir, W. H. Ansari	Flavonoides Constituents of Rhus Wallichii	J. Indian Chem. Soc.	LXII	560	1985	0.12	00194522	Scientific publishers	Yes	Yes	National	Yes
6	Fehmeeda Khatoon and M. Khabir, H.M.TAUFEEQ and W. H. Ansari	Biflavones from Junipers (Syn. J. Pseudosabina)	J. Indian chem	LXII	410	1985	0.12	00194522	Scientific publishers	Yes	Yes	National	Yes
5	M. Khabir, Fehmeeda Khatoon and W. H. Ansari	Phenolic constituents of Thuja orientalis	Current Science,	54	1180	1985	0.883	0011-3891	India Academy	No	Yes	National	Yes
4	M. Khabir, Fehmida Khatoon and W. H. Ansari	Kaempferol-5-O-a new glycoside from the leaves of choerospondias axillaries	j. Indian . Chem. B	26B	85	1987	0.12	00194522	Scientific publishers	No	Yes	National	Yes
3	M. Khabiruddin, Fehmeeda Khatoon and W. H. ANSARI	Flavonoidic constituents of two cupessaceae plants	J.Nat. Prod.	50	511	1987	3.281	0163-3864	ACS publishers	No	Yes	International	Yes
2	F. Khatoon, M. Khabiruddin and W. H. Ansari	Phenlic glucosieds from Salix babylonica Linn.	Phytochem	27	3010	1988	3.186	0013-9422	Elsevier	Yes	Yes	International	Yes
1	Fehmeeda Khatoon, M. KHabir, M. Asif and W. H. Ansari	Flavonol glycosides from the leaves of Sterculia Urens. Roxb.	J. Indian. Chem. Soc.	66	287	1989	0.12	00194522	Scientific publishers	Yes	Yes	National	Yes

(ii) Proceedings

#	Author(s)	Title of Abstract / Paper	Title of Proceedings	Page Number	Conference Theme	Venue	Year	ISBN Numbe	Name of the Publisher	Level of Publisher
1										

(iii) Books & Monographs

#	Author(s)	Title of Book / Monographs	Total no of pages	Year of Publication	Name of Publisher	ISBN Number	Level of Publisher
1							

(iv) Edited Book / Chapter

#	Editor(s)	Title of Book / Chapter	Volume. and Page number	Total no. Page Number	Year of publication	Name of Publisher	ISBN number	level of Publisher
1								

(v) Details of Patent

#	Name of the Inventor(s)	Title	Application no.	Status	Date of Filing	Patent Awarding Agency	National / International
1							

(vi) Publication of articles in newspapers, magazines or other publications (not covered in above categories); radio talks; television programmes

#	Title	Nature of Publication	Date of Publication	Place of Publication	Mode of Publication	Level of Publisher
1						