

Weqar Ahmad Siddiqi
Professor
Applied Sciences and Humanities



Basic Detail

First Name	Weqar
Middle Name	Ahmad
Last Name	Siddiqi
Employment-id	WS0870
Designation	Professor
Faculty / Office / School / Centres	Faculty of Engineering & Technology
Department	Applied Sciences and Humanities
Social Category	General
Date of Birth	07/02/1958
Are you physically challenged ?	no
Gender	Male
Selection Mode	CAS
Date of Joining the Institution	22/03/1986
Date of Joining Teaching Profession	22/03/1986
Highest Qualification	PhD
Additional / Eligibility Qualification	NET
No. of Years spent exclusively in other than teaching job	NA
Religion	Islam
Office Address	Department of Applied Sciences and Humanities, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi-110025
Residential Address	C-63, Abul Fazal Enclave-II, (Shaheen Bagh) Okhla, New Delhi - 10025
Field of Specialization	Material Sciences, Analytical chemistry and Water
Broad Discipline Group Category	Corrosion Inhibition studies, Nano Chemistry, Water pollution and Treatment
Broad Discipline Group	Corrosion Inhibition studies, Nano Chemi
Email-id (Primary)	wsiddiqi@jmi.ac.in
Email-id (Secondary)	
h-index	15
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Employment Profile

(i) Employment Profile in JMI

#	Designation	From	To
1	Professor	01/12/2006	Till Date

(ii) Promotion Details

#	Date of Promotion	Designation
1	01/12/2006	Professor

(iii) Teaching Appointment before joining JMI

#	Job Title	Employeer	From	To
1				

(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	Aligarh Muslim University	1984	First	Analytical Chemistry
2	M. Phil	Aligarh Muslim University	1981	First	Analytical Chemistry
3	M. Sc.	Aligarh Muslim University	1979	First	Analytical Chemistry
4	B. Sc.	Aligarh Muslim University	1977	First	Chemistry

(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	Head of the Department	Department of Applied Sciences and Humanities, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi	01/12/2011	01/12/2014
2	Professor In-charge Library	Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi	01/02/2010	Till Date
3	Assistant Proctor	Jamia Millia Islamia, New Delhi	01/12/2010	30/12/2012
4	Joint Director Physical Education	Jamia Sports Complex, Jamia Millia Islamia, New Delhi	01/06/2008	01/06/2014
5	In-charge of Chemistry Lab	Department of Applied Sciences and Humanities, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi	01/07/2004	Till Date
6	Treasurer of Jamia Staff Sports Club	Jamia Sports Complex, Jamia Millia Islamia, New Delhi	01/06/2004	01/06/2014
7	Students Adviser for B. Tech. (Mechanical 1st Yr)	Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi	01/06/2004	01/06/2005
8	External Member DRC	Department of Mechanical Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi	01/07/2017	Till Date
9	External BOS Member	Department of Chemistry, Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi	01/07/2015	Till Date
10	Programme Officer NSS	Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi	01/07/2000	30/06/2002
11	Tabulator B. Tech. & B. E. Annual Exam	Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi	05/12/2008	Till Date
12	Assistant Superintendents of Examination (B. Tech. & B. E. Annual Exam	Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi	30/11/2010	Till Date
13	Co-Coordinator (B. Tech. 1st Year)	Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi	01/07/1994	30/06/1996
14	Senior Warden	Kellat House Hostel, Jamia Millia Islamia, New Delhi	01/02/1997	30/06/2000
15	President (Hockey club)	Jamia Sports Complex, Jamia Millia Islamia, New Delhi	01/07/2008	30/06/2014

(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	1980	CSIR- JRF	CSIR- New Delhi	June 1980	June 1984

(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	Engineering Chemistry	Under Graduate	NA	Applied Sciences and Humanities, Faculty of Engineering And Technology, Jamia Millia Islamia, New Delhi
2	Engineering Materials	Under Graduate	NA	Applied Sciences and Humanities, Faculty of Engineering And Technology, Jamia Millia Islamia, New Delhi
3	Innovative Technology and Biosciences	Under Graduate	Yes	Applied Sciences and Humanities, Faculty of Engineering And Technology, Jamia Millia Islamia, New Delhi

(iii) Project Guided

#	Title of Project	Name of Student	Level	Duration (From)	Duration (To)	Student Affiliation
1	Synthesis and Characterization of Graphene Nanomaterial	Arshi Gupta	PG	May 2017	June 2017	Department of Applied Chemistry, Amity University, Noida
2	Synthesis and Characterization of Silver Nanoparticles via Tradescantia Pallida	Amina Ahmad	PG	June 2016	Dec 2016	Department of Biotechnology, IMS Engineering College, APJAKTU, Lucknow
3	Green Synthesis of Silver Nanoparticles, Characterization and its Application from Syngonium Podophyllum (Nephthytis)	Romana Naaz	PG	June 2016	Dec 2016	Department of Biotechnology, IMS Engineering College, APJAKTU, Lucknow
4	Synthesis and Characterization of Copper Oxide Using Peel Extract of Punica Grantum	Ruchi Chauhan	PG	June 2018	July 2018	Department of Chemistry, Ramjas College, University of Delhi

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 Hybrid Organic-Inorganic Perovskites (HOIPs) Materials for Photovoltaic Device Fabrication	DST- SERB		01/08/2016	2016	Ongoing
2	Synthesis and Characterization of Graphene Nanocomposite for Environmental Application	UGC		01/05/2014	2014	Ongoing
3	Synthesis and Characterization of Nanomaterials for the Extraction of Toxic Metals from Groundwater Near Industrial Areas	UGC		01/05/2013	2013	Completed
4	To Study Corrosion Inhibition of Metals and Alloys Using Corrosion Inhibitors	UGC		01/04/2001	2001	Completed

(ii) Details PhD Student guided/ Enrolled

#	Name of the PhD Student	Title of Thesis	Role	Year	Awarded / Enrolment
1	Monika	To Study the Corrosion Inhibition of Alloys in Aqueous Medium Using Organic Inhibitors	Supervisor	2005	Award
2	Shakeel A. Khan	Study on the Synthetic Ion Exchangers and their Application in the Analysis of Industrial Waste	Supervisor	2007	Award
3	V. M. Chaubey	To Study the Mechanism and Corrosion Protective Efficiency of Some Newly Synthesized Organic Inhibitors on Metallic Alloys	Supervisor	2008	Award
4	Javed Hasan	Improvement of Ground Water Quality Using Rain Water-Harvesting System in Dwarka Sub-City of New Delhi	Supervisor	2008	Award
5	Rajiv R. Sharma	Toxicology and Biological Monitoring of Heavy and Trace Elements of Industrial Effluents and Its Impact on Ground Water Quality & Human in Parts of Faridabad (Haryana) & Okhla Industrial Area (New Delhi)	Supervisor	2010	Award
6	Rinki Goel	To Study the Mechanism, Characterization and Corrosion Inhibition Efficiency of Some Newly Synthesized Organic Inhibitors on Metallic Alloys in Aqueous Medium	Supervisor	2010	Award
7	Mohd. Mahboob Ahmed	Studies on Synthesis Characterization and Analytical Application of New Synthetic Ion Exchanger	Supervisor	2010	Award
8	Mohd. Waseem	Determination of Physico-Chemical and Microbiological Parameters for Surface and Ground Water Quality in and Around with Town of Shamli in Muzaffarnagar District	Supervisor	2013	Award
9	Jyotsna Rani Kar	Design Synthesis and Application of Calixarenes	Supervisor	2013	Award
10	M. Abdullah Dar	Study of Structural and Electrical Properties of Nano and Bulk Ferrites	Supervisor	2013	Award
11	Nikhat Niyaz	Synthesis and Characterization of Nanomaterial and Its Application in Removal of Toxic Metal from Ground Near Industrial Areas	Supervisor	2016	Award
12	Kishore Kumar Nair	Development of Nanosulfur and Nanoetophine Prox as Nanopesticide	Supervisor	2016	Award

13	Sanjoy Maji	Development of Air Quality Index(AQI) and Its Interpretation for Metropolitan Cities of India	Supervisor	2017	Award
14	Sami-Ullah Qadir	Effect of Fly Ash on Some Micromorphological, Biochemical and Phytochemical Components of <i>Pithecellobium Dulce</i> (Roxb) Benth and <i>Azadirachta Indica</i> (A. Juss)	Supervisor	2018	Award
15	Irshad Ahmed	Synthesis and Characterization of Molecular Imprinted Nanomaterials for the Removal of Heavy Metals from Aqueous Solution	Supervisor	2011	Award
16	Mohd. Zaid Ansari	Synthesis of Graphene, Characterization and Its Application	Supervisor	2013	Enrolment
17	Vaseem Raja	Antifungal and Antibacterial Properties of <i>Cucurma Longia</i>	Supervisor	2013	Award
18	Aastha Dhingra	Analysis of Hospital effluent and efficiency evaluation of various treatment technologies	Supervisor	2015	Enrolment
19	Priya Kumari	Synthesis, Characterization and Application of New Adsorbent in Removal of Pollutants from Various Solution	Co-supervisor	2015	Enrolment
20	Afzal Ansari	Studies of Metal Based Nanomaterials: Synthesis and their Application in Wastewater Treatment	Supervisor	2016	Enrolment
21	Vasi Uddin Siddiqui	Synthesis, Characterization and Applications of Copper based Nanomaterials	Supervisor	2016	Enrolment
22	Nida Fakhar	Fabrication of Cost Effective Adsorbents for the Remediation of Toxic Pollutant from Water	Supervisor	2016	Enrolment
23	Sameer Ahmad	Development of Sustainable Polymer Based Nanocomposites and Their Application as Nano-Sieves for Water Treatment	Supervisor	2017	Enrolment
24	Abu Darda	Studies on synthesis, characterization	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	2000	Seminar on Science and Technology in 21st century (ST2000)	national	Participation	Jamia Millia Islamia	New Delhi
2	2000	National seminar on Material Research and Environmental issues	national	Participation	Department of Physics, Jamia Millia Islamia	New Delhi
3	2000	International Conference on Environmental Challenges for the new millennium	international	Participation	Faculty of Engineering and Technology, Jamia Millia Islamia,	New Delhi
4	2004	National Conference on Management of Higher Education 21st century challenges	national	Participation	Jamia Millia Islamia	New Delhi
5	2002	Use of CNG in power and automobiles in Delhi	national	Participation	Department of Mechanical Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia and Institute of Engineers (India)	New Delhi
6	2006	National Conference on Advances in Mechanical Engineering (AIME-2006)	national	Participation	Department of Mechanical Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia	New Delhi
7	2006	Seminar on Application of conducting Polymers and Nano Materials in Science and Technology	national	Participation	Faculty of Engineering and Technology Jamia Millia Islamia	New Delhi
8	2008	National Seminar on Nano-Materials and devices	national	Participation	Department of Physics, Jamia Millia Islamia and society for semiconductor device sponsored by DRDO	New Delhi
9	2008	Seminar on Development in materials, high energy and nuclear Physics	national	Participation	Department of Physics, Jamia Millia Islamia	New Delhi
10	2008	Seminar on recent advances in Chemistry (RAC-08)	national	Participation	Department of Chemistry, Jamia Millia Islamia	New Delhi
11	2008	One day National seminar on Polymer Sciences & Technology- Vision & Scenario	national	Chairperson	Jamia Millia Islamia	New Delhi
12	2009	National Seminar on Condensed matter, High energy and Nuclear Physics	national	Participation	Department of Physics, Jamia Millia Islamia	New Delhi
13	2009	15th International workshop on the Physics of semiconductor Devices(XV IWPSD-2009)	international	Participation	Solid State Physics Laboratory, Delhi and Jamia Millia Islamia	New Delhi
14	2010	Seminar on Recent Advances in Chemistry (RAC-10)	national	Participation	Department of Chemistry, Jamia Millia Islamia	New Delhi
15	2014	National conference on Nanotechnology and Renewable Energy	national	Chairperson	Department of Applied Sciences, Jamia Millia Islamia	New Delhi
16	2019	International Conference on Advanced Materials	international	Chairperson	Centre for Nanoscience and Nanotechnology, Jamia Millia Islamia	New Delhi
17	2019	International Conference on Smart Cities- Opportunities and Challenges	international	Chairperson	Department of Civil Engineering, Jamia Millia Islamia	New Delhi

Invited Talks Delivered

(i) Invited Talks Delivered

#	Topic	Date	Inviting Organization
1			

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

#	Name of the Program	Place	Duration	Host Institute
1	Short term training programme on Combustion Generated Pollution Sponsored by AICTE/ISTE	New Delhi	18.03.2004 to 29.03.2004 (Two Weeks)	Department of Mechanical Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia
2	Refresher course in Chemistry	Aligarh	22.07.2002 to 10.08.2002 (Three Weeks)	Academic Staff College, Aligarh Muslim University
3	Refresher course in Chemistry (CH-89) Titled	New Delhi	19. 5. 1999 to 8. 6. 1999 (Three Weeks)	CPDHE University of Delhi, New Delhi.
4	ISTE Winter School on Combustion Generated Pollution	New Delhi	13.12.1994 to 24.12.1994 (Two Weeks)	Department of Mechanical Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia

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
64	Maji, S., Ahmed, S., Siddiqui, W. A., Aggarwal, S., & Kumar, A.	Impact of di-methyl ether (DME) as an additive fuel for compression ignition engine in reduction of urban air pollution	American Journal of Environmental Protection	3	48-52	2015	-	2328-5680	Science Publishing Group	No	Yes	International	No
63	Maji, S., Ahmed, S., Siddiqui, W. A., & Ghosh, S.	Short term effects of criteria air pollutants on daily mortality in Delhi, India	Atmospheric Environment	150	210-219	2017	3.70	1352-2310	Pergamon-Elsevier Science Ltd	No	Yes	International	Yes
62	Qadir, S. U., Raja, V., & Siddiqui, W. A.	Accrual of Some Toxic Metals and Metalloids in Two Commonly Used Vegetables Irrigated with Fly Ash Wastewater Around Badarpur Thermal Power Plant in Delhi, India	Current Environmental Engineering	4	130-139	2017	-	2212-7186	Bentham Science Publishers	No	Yes	International	No
61	Ansari, M. Z., Johari, R., & Siddiqui, W. A.	Novel and green synthesis of chemically reduced graphene sheets using Phyllanthus emblica (Indian Gooseberry) and its photovoltaic activity	Materials Research Express	6		2018	1.15	2053-1591	IOP Publishing	No	Yes	International	Yes
60	Ansari, M. Z., Lone, M. N., Sajid, S., & Siddiqui, W. A.	Novel Green Synthesis of Graphene Layers using Zante Currants and Graphene Oxide.	Oriental Journal of Chemistry	34	2832-2839	2018	-	2231-5039	Oriental Journal of Chemistry	Yes	Yes	International	Yes
59	Ahmad, I., Siddiqui, W. A., Ahmad, T., & Siddiqui, V. U.	Synthesis and characterization of molecularly imprinted ferrite (SiO ₂ @Fe ₂ O ₃) nanomaterials for the removal of nickel (Ni ²⁺ ions) from aqueous solution	Journal of Materials Research and Technology	-	-	2018	3.39	2238-7854	Elsevier	No	Yes	International	Yes

58	Ansari, M. Z., & Siddiqui, W. A.	Deoxygenation of graphene oxide using biocompatible reducing agent Ficus carica (dried ripe fig)	Journal of Nanostructure in Chemistry	8	431-440	2018	-	2193-8865	Springer Berlin Heidelberg	No	Yes	International	Yes
57	Gautam, S., Khan, N.A., Dhingra, P. A., Ahmed S., Siddiqi, W. A.	Identification of Priority Pharmaceutical Residues in Hospital Effluent	Global Journal Of Engineering Science and Research	5	420-430	2018	-	2348 – 8034	GJESR	No	Yes	National	Yes
56	Ahmad, I., Siddiqui, W. A., Qadir, S., & Ahmad, T.	Synthesis and characterization of molecular imprinted nanomaterials for the removal of heavy metals from water	Journal of Materials Research and Technology	7	270-280	2018	3.39	2238-7854	Elsevier	No	Yes	International	Yes
55	Ansari, M. Z., Shoeb, M., Nayab, P. S., Mobin, M., Khan, I., & Siddiqui, W. A.	Honey mediated green synthesis of graphene based NiO ₂ /Cu ₂ O nanocomposite (Gr@NiO ₂ /Cu ₂ O) Catalyst for the synthesis of functionalized Schiff-base derivatives	Journal of Alloys and Compound	738	56-71	2018	3.133	0925-8388	Elsevier	No	Yes	International	Yes
54	Nabi, S. A., Ali Khan Rao, R., & Siddiqui, W. A.	A Comparative Study of the Synthesis and Ion Exchange Properties of Iodophosphates of Tin (IV), Zirconium (IV) and Iron (III): Separations of Metal Ions on Tin (IV)-iodophosph Columns	Journal of Liquid Chromatography	6	777-790	1983	0.697	1082-6076	Marcel Dekker Inc.	Yes	Yes	International	Yes
53	Nabi, S. A., & Siddiqui, W. A.	Sorption Studies in DMSO-Nitric Acid and DMSO-Acetic Acid Systems and Separation of Metal Ions on TIN (IV)-Iodophosph	Journal of liquid chromatography	8	1159-1168	1985	0.697	1082-6076	Marcel Dekker Inc.	Yes	Yes	International	Yes
52	Siddiqui, W. A., & Nabi, S. A.	Synthesis, ion exchange properties and analytical application of Tin (iv) Tungstovanadate	Bulletin of Chemical Society Japan	59	2003-2008	1986	2.297	0009-2673	Chemical Soc Japan	Yes	Yes	International	Yes

51	Ahmad, S. T., & Siddiqui, W. A.	A simple and sensitive test for nanogram detection and spectrophotometric determination of sulphite and sulphide ions	Chemia analityczna	42	387-390	1997		0009-2223	Panstwowe Wydawnictwo Naukowe	No	Yes	International	Yes
50	Siddiqui, W. A., & Ahmad, S. T.	Separation of Some Aliphatic Amines on Tin (Iv) Tangstovanadop	Chemia analityczna	42	377-380	1997		0009-2223	Panstwowe Wydawnictwo Naukowe	No	Yes	International	Yes
49	Monika., Siddique, W. A., & Dubey, A.	Inhibiting Effect of N-Cetyl N, N, N-Trimethyl Ammonium Bromide on Corrosion of Mild Steel in Acidic Medium	Portugaliae Electrochim Acta	23	444-451	2005		0872-1904	Portuguese Electrochemical Society	Yes	Yes	International	Yes
48	Iqbal, S. A., Bhattacharya, M., Hasan, J., Budhani, P., Siddique, W. A.	Water Quality Analysis of Narmada River at Hoshangabad with Special Reference to Its Pollution Status	Bioscience Biotechnology Research Asia	3	407-409	2005		09731-245	Oriental Scientific Pub. Co.	No	Yes	International	Yes
47	Siddiqi, W. A., & Hasan, J.	Effect of Rainwater Harvesting on the amounts of some heavy metals, in the ground water of East Dwarka subcity of Delhi	Current world environment	1	145-150	2006		2320-8031	Enviro Research Publishers	No	Yes	International	No
46	Siddiqui, W. A., & Khan, S. A.	Synthesis, characterization and ion exchange properties of zirconium (IV) tungstoidophos a new cation exchanger	Bulletin of Materials Science	30	43-49	2007	0.899	02504-707	Indian Acad Sciences	Yes	Yes	International	Yes
45	Siddiqui, W. A., & Khan, S. A.	Synthesis, characterization and ion-exchange properties of a new and novel 'organic-inorganic' hybrid cation-exchange poly (methyl methacrylate) Zr(IV) phosphate	Colloids and Surfaces A: Physicochemical and Engineering Aspects	295	193-199	2007	2.714	0927-7757	Elsevier	Yes	Yes	International	Yes
44	Siddiqui W. A., Chaubey V. M., Ahmad M. S.	Inhibition of Acid Corrosion on Mild Steel with agar-agar in Hydrochloric Acid Medium at Different Temperatures	Materials Science Research India	4	175-181	2007		09733-469	Oriental Scientific Publishing Company, Inc	Yes	Yes	International	Yes

43	Monika., & Siddique, W. A.	Inhibiting Effect of Tetra-n-Butylam Iodide on the Corrosion of Mild Steel in Acidic Medium	Portugaliae Electrochim Acta	25	443-45	2007		0872-1904	Portuguese Electrochemical Society	No	Yes	International	Yes
42	Siddiqi, W. A., & Hasan, J.	Physico-chemical and microbiological studies for the underground water of East Dwarka Subcity of Delhi and the Impact of rainwater harvesting on its quality	Current World Environme	2	155-16	2007		2320-8031	Enviro Research Publishers	No	Yes	International	No
41	Siddiqi W. A., Hasan J., Mahmood G. A.	A Comparative Study of the Rainwater Harvesting Impact on Ground Water Quality of West Dwarka Sub city of Delhi with Installed Rainwater Harvesting Systems and Non-Installed Systems	Oriental Journal of Chemistry	23	221-22	2007	-	0970020X	Scientific Publishers	No	Yes	International	Yes
40	Siddiqi W. A., Chaubey V. M., Ahmad M. S.	Inhibiting Effect of Cytisine Derivative on the Corrosion of Mild Steel in Acidic Medium	Materials Science Research, I	4	147-15	2007		09733-469	Oriental Scientific Publishing Company, Inc	Yes	Yes	International	Yes
39	Khan, S. A., Siddiqui, W. A., & Khan, A. A	Synthesis, characterization and ion-exchange properties of a new and novel 'organic-inorgar cation-exchange Nylon-6, 6, Zr (IV) phosphate	Talanta	71	841-84	2007	4.162	0039-9140	Elsevier	Yes	Yes	International	Yes
38	Siddiqi, W. A., & Chaubey, V. M	Corrosion Inhibition Efficiency of 3-Hydroxy-2-Me on Mild Steel in 1M H ₂ SO ₄ and 1M HCl Acid at Different Temperatures	Portugaliae Electrochim Acta	26	221-23	2008		0872-1904	Portuguese Electrochemical Society	No	Yes	International	Yes

37	Siddiqui., W. A., & Hasan J.	Physico chemical studies on the groundwater of Faridabad industrial area of Haryana and its heavy metal contamination due to industrial waste	Global Sci-Tech	1	82-85	2009		0975-9638	Al-Falah Charitable Trust, New Delhi	No	Yes	National	No
36	Siddiqui, W. A., & Sharma, R. R.	Method development and analysis of total mercury in human urine samples by hydride generator accessory coupled with atomic absorption spectrophotometry of the population residing near Okhla industrial area, New Delhi, India.	Biomedical & Pharmacology Journal	2	145-148	2009		09746-242	Oriental Scientific Pub. Co.	Yes	Yes	International	Yes
35	Siddiqui, W. A., & Sharma, R. R.	Assessment of the impact of industrial effluents on groundwater quality in Okhla industrial area, New Delhi, India	Journal of Chemistry	6	S41-S48	2009	1.3		Hindawi Publishing Corporation	Yes	Yes	International	Yes
34	Goel R., & Siddiqi, W. A.	The Corrosion Inhibition of Mild Steel By 2-Ethyl-3-Methyl in Sulphuric Acid Medium	Materials Science Research India	6	327-332	2009		0973-3469, 2394-0565	Oriental Scientific Publishing Company, Inc Oriental Scientific Publishing Company, Inc	No	Yes	International	Yes
33	Kotnala, R. K., Dar, M. A., Verma, V., Singh, A. P., & Siddiqui, W. A.	Minimizing of power loss in Li-Cd ferrite by nickel substitution for power applications	Journal of Magnetism and Magnetic Materials	322	3714-3718	2010	2.630	0304-8853	Elsevier	No	Yes	International	Yes
32	Goel, R., Siddiqi, W. A., Chaubey, V. M., & Ahmed, B.	Synthesis, Characterization and Corrosion Protective Efficiency of 2 [2-Oxo-phenyl hydrazinyl ethyl] benzamide on Mild Steel in Sulphuric Acid Medium	Journal of Chemistry	7	331-340	2010	1.3	0973-4945	Hindawi Publishing Corporation	No	Yes	International	Yes

31	Ahmad, M. M., Siddiqui, W. A., & Khan, T.	Synthesis, ion exchange properties and analytical application of new hybrid cation exchanger: Acrylonitrile tin (IV) tungstophospha	Oriental Journal of Chemistry	26	429-43	2010		0970-020X	Oriental Scientific Publishing Company	No	Yes	International	Yes
30	Goel, R., Siddiqui, W. A., Ahmed, B., Khan, M. S., & Chaubey, V. M.	Synthesis characterization and corrosion inhibition efficiency of N-C2 {(2E)-2-[4-(dime benzylidene) hydrazinyl] 2-oxo ethyl benzamide on mild steel	Desalination	263	45-57	2010	5.527	0011-9164	Elsevier	No	Yes	International	Yes
29	Goel, R., Siddiqui, W. A., Ahmed, B., & Hussan, J.	Corrosion inhibition of mild steel in HCl by isolated compounds of Riccinus communis (L.)	Journal of Chemistry	7 (S1)	S319-S	2010	1.3	0973-4945	Hindawi Publishing Corporation	No	Yes	International	Yes
28	Dar, M. A., Verma, V., Pandey, V., Sonkar, R., Siddiqui, W. A., & Kotnala, R. K.	Magnetic and Electrical Properties of Ti Substituted Lithium Zinc Ferrites	Integrated Ferroelectr	119	135-14	2010	0.457	1607-8489, 1058-4587	Taylor & Francis, Inc.,	No	Yes	International	Yes
27	Dar, M. A., Siddiqui, W. A., & Alam, M.	Effect of Sintering Temperature on the Structural and Dielectric Properties of Zinc Cadmium Ferrites Prepared by Egg-White Technique	Modern Physics Letters B	24	1907-19	2010	0.687	0217-9849	World Scientific Publ Co Pte Ltd	No	Yes	International	Yes
26	Dar, M. A., Batoo, K. M., Verma, V., Siddiqui, W. A., & Kotnala, R. K.	Synthesis and characterization of nano-sized pure and Al-doped lithium ferrite having high value of dielectric constant	Journal of Alloys and Compound	493	553-56	2010	3.133	0169-4332	Elsevier	No	Yes	International	Yes
25	Dar, M. A., Verma, V., Gairola, S. P., Siddiqui, W. A., Singh, R. K., & Kotnala, R. K.	Low dielectric loss of Mg doped Ni-Cu-Zn nano-ferrites for power applications	Applied Surface Science	258	5342-5	2012	3.387	0169-4332	Elsevier	No	Yes	International	Yes

24	Dar, M. A., Shah, J., Siddiqui, W. A., & Kotnala, R. K	Influence of synthesis approach on structural and magnetic properties of lithium ferrite nanoparticles	Journal of Alloys and Compound	523	36-42	2012	3.133	09258-388	Elsevier	No	Yes	International	Yes
23	Dar, M. A., Kotnala, R. K., Verma, V., Shah, J., Siddiqui, W. A., & Alam, M.	High magneto-crystal anisotropic core-shell structured Mn _{0.5} Zn _{0.5} Fe ₂ O ₄ /polyani nanocomposites prepared by in situ emulsion polymerization	The Journal of Physical Chemistry C	116	5277-5282	2012	4.536	19327-447	American Chemical Society	No	Yes	International	Yes
22	Dar, M. A., Shah, J., Siddiqui, W. A., & Kotnala, R. K.	Study of structure and magnetic properties of Ni-Zn ferrite nano-particles synthesized via co-precipitation and reverse micro-emulsion technique	Applied Nanoscience	4	675-682	2014	3.325	21905-509	Springer	No	Yes	International	Yes
21	Raja, V., Shreeaz, S., & Siddiqui, W. A.	Curcuma longa rhizome extract as a promising source of anticandidal agents.	Advanced Science Letters	20	1644-1646	2014		1936-7317	American Scientific Publishers	No	Yes	International	Yes
20	Qadir, S. U., & Siddiqui, W. A.	Effect of fly ash on some biochemical parameters of selected plants growing at dumping site of Badarpur thermal power plant in Delhi	International Journal of Research in Applied, Natural and Social Sciences	2	7-14	2014	3.67	2321-8851	Impact Journals	No	Yes	International	No
19	Qadir, S. U., & Siddiqui, W. A.	Bio Monitoring of Roadside Plants Exposed to Vehicular Traffic Pollution in and Around Jamia Millia Islamia New Delhi	Advanced Science Letters	20	1677-1680	2014		1936-6612	American Scientific Publishers	No	Yes	International	Yes
18	Neyaz, N., Zarger, M. S. S., & Siddiqui, W. A.	Synthesis and characterisation of modified magnetite super paramagnetic nano composite for removal of toxic metals from ground water	International Journal of Environmental Sciences	5	260-265	2014		0976 - 4402	Integrated Publishing Association	No	Yes	International	Yes

17	Neyaz, N., Siddiqui, W. A., & Nair, K. K.	Application of surface functionalized iron oxide nanomaterials as a nanosorbents in extraction of toxic heavy metals from ground water: a review	International Journal of Environmental Sciences	4	472-481	2014		0976 - 4402	Integrated Publishing Association	No	Yes	International	Yes
16	Nair, K. K., Siddiqui, W. A., Kumar, R., Niwas, R., Gogoi, R., Srivastava, C., & Gopal, M.	Sensitive and rapid determination of elemental nanosulfur/sulfur by liquid chromatography	Journal of separation science	37	1126-1131	2014	2.557	1615-9314	John Wiley & Sons	No	Yes	International	Yes
15	Maji, S., Ahmed, S., Siddiqui, W. A., Aggarwal, S., & Kumar, A.	Impact of Di-methyl Ether (DME) as an Additive Fuel for Compression Ignition Engine in Reduction of Urban Air Pollution	International Journal of Innovative Research in Science, Engineering and Technology	3	48-52	2014	6.209	2319-8753	Ess & Ess Research Publications	No	Yes	International	No
14	Chawla, H. M., Kar, J. R., Siddiqui, W. A., Kumar, N., & Black, D. S.	A new calix [4] arene based nucleobase for cation recognition	Tetrahedron Letters	55	4517-4520	2014	2.193	0040-4039	Elsevier	No	No	International	Yes
13	Neyaz, N., & Siddiqui, W. A.	Extraction of Ni (II) by Modified Magnetite Nanocomposite Adsorbent	International Journal of Science and Research (IJSR)	4	505-509	2015	6.35	2319-7064	IJSR	No	Yes	International	No
12	Neyaz, N., & Siddiqui, W. A.	Removal of Cu (II) by modified magnetite nanocomposite as a nanosorbent	International Journal of Science and Research (IJSR)	4	1868-1872	2015	6.35	2319-7064	IJSR	No	Yes	International	No
11	Maji, S., Ahmed, S., & Siddiqui, W. A.	Air quality assessment and its relation to potential health impacts in Delhi, India	Current Science	109	902-905	2015	0.843	0011-3891	Indian Academy of Sciences	No	Yes	International	Yes
10	Shreaz, S., Wani, W. A., Behbehani, J. M., Raja, V., Irshad, M., Karched, M., Ali, I., Siddiqui, W. A., & Hun, L. T.	Cinnamaldehyde and its derivatives, a novel class of antifungal agents	Fitoterapia	112	116-120	2016	2.698	0367-326X	Elsevier	No	Yes	International	Yes
9	Raja, V., Shreaz, S., Behbehani, J. M., & Siddiqui, W. A.	In vitro effect of ethanolic extract of Curcuma longa rhizome on growth and sterol synthesis in different Candida isolates	Journal of Pure and Applied Microbiology	10	2231-2235	2016	0.073	0973-7510	JPAM	No	Yes	International	Yes

8	Qadir, S. U., Raja, V., & Siddiqui, W. A.	Morphological and biochemical changes in <i>Azadirachta indica</i> from coal combustion fly ash dumping site from a thermal power plant in Delhi, India	Ecotoxicol and environment safety	129	320-321	2016	3.743	0147-6513	Elsevier	No	Yes	International	Yes
7	Raja, V., Ahmad, S. I., Irshad, M., Wani, W. A., Siddiqi, W. A., & Shreaz, S.	Anticandidal activity of ethanolic root extract of <i>Juglans regia</i> (L.): Effect on growth, cell morphology, and key virulence factors	Journal de mycologie medicale	27	476-480	2017	1.269	1156-5233	Elsevier	No	Yes	International	Yes
6	Khan, A. A., Paquiza, L., & Siddiqui, W. A.	Potentiometric Determination of Cationic Surfactant using 'Polymeric-Inorg Nanocomposite Sensor	International Journal of Research in Chemistry and Environment	7	9-15	2017		2248-9649	IJRCE	No	Yes	International	Yes
5	Khan, I., Khan, A., Khan, S., Arsalan, M., Kotnala, R. K., & Siddiqui, W. A.	Exploring the ferromagnetic behaviour of Zn _{1-x} Zr _x O _{1±?} nanostructures synthesized through gel-combustion route	Journal of Alloys and Compound	727	1338-1341	2017	3.133	0925-8388	Elsevier	No	Yes	International	Yes
4	Ali, M., Nair, K. K., Kumar, R., Gopal, M., Srivastava, C., & Siddiqui, W. A.	Development and Evaluation of Chitosan-Sodium Alginate Based Etofenprox as Nanopesticide	Advanced Science, Engineering and Medicine	9	137-141	2017		2164-6627, 2164-6635	American Scientific Publishers	No	Yes	International	Yes
3	Ahmad, I., Siddiqui, W. A., Qadir, S., & Ahmad, T.	Synthesis and characterization of molecular imprinted nanomaterials for the removal of heavy metals from water	Journal of Materials Research and Technology			2017	2.359	2238-7854	Elsevier	No	Yes	International	Yes
2	Ahmad I., Siddiqui W. A., Ahmad T.	Synthesis, Characterization of Silica Nanoparticles and Adsorption Removal of Cu ²⁺ Ions in Aqueous Solution.	International Journal of Emerging Technology and Advanced Engineering	7	439-444	2017	4.027	2250 – 2459	IJETAE	No	Yes	International	Yes
1	Nair, K. K., Kumar, R., Gopal, M., & Siddiqui, W. A.	Facile synthesis and characterization of polymer embedded catenated nanosulfur	Materials Research Express	5		2018	1.068	2053-1591	IOP Publishing	No	Yes	International	Yes

(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	Khan, I., Siddiqui, W. A., Ansari, S. P., Khan, S., Alikhan, M. M., Khan, A., & Hamid, S. A.	Multifunctional Polymer-Dilute Magnetic Conductor and Bio-Devices		31-46	2018	John Wiley & Sons	3527807926, 9783527807925	International
2	Raja, V., Shreaz, S., Wani, W., Ting Hun, L., & Siddiqui, W. A.	Antifungal Effects and Future Perspectives of Curcuma longa (Turmeric) Rhizomes: A Natural Source for Developing a Novel Class of Antifungals		33-50	2017	Nova Science Publishers	978-1-53610-63	International
3	Siddiqui, V. U., Ansari, A., Khan, I., Siddiqui, W. A., Akram, M. K., Khan, A., & Asiri, A. M.	Nanographene composite ion exchanger properties and applications		629-649	2019	Woodhead Publishing	978-0-08-10250	International

(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						International