

Kumaun University, Nainital Curriculum Vitae

Name : Dr. Mohd. Suhel Javed
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Educational Qualification

Degree	University	Subjects	Year
Ph.D.	Kumaun University, Nainital	Organic Chemistry (Natural Product Chemistry)	2007
M.Sc.	Kumaun University, Nainital	Organic Chemistry	2002
B.Sc.	Kumaun University, Nainital	Zoology, Botany, Chemistry	1999
Intermediate	U.P. Board, Allahabad	English, Hindi, Physics, Chemistry & Biology	1996

Work Experience

Position	Department	University/Organization	Year
Teaching Personnel	Chemistry Department, S.S.J. Campus, Almora	Kumaun University, Nainital	02/09/2008-22/05/2009
Lecturer	Chemistry Department, S.S.J. Campus, Almora	Kumaun University, Nainital	23/05/2009-31/08/2009
Assistant Professor	Chemistry Department, S.S.J. Campus, Almora	Kumaun University, Nainital	01/09/2009-16/12/2010
Assistant Professor	Chemistry, D.S.B. Campus, Nainital	Kumaun University, Nainital	16/12/2010-23/05/2021
Associate Professor	Chemistry, D.S.B. Campus, Nainital	Kumaun University, Nainital	23/05/2021 till date

Administrative Responsibilities

Position	Nature of responsibility	University/Organization	Year
Central Evaluation In-Charge	Conduction of evaluation of answer sheets of NEP, UG & PG examinations	D.S.B. Campus, KU, Nainital.	2023- till date

Exam In-Charge and In-Charge of students problems facing during examination (Students Pakwara)	Convey the students' problems facing after examinations.	D.S.B. Campus, KU, Nainital	2023 - till date
Senior Superintendent of Examination (Noon Session)	Conduction of examination of UG, PG and professional courses	D.S.B. Campus, KU, Nainital	2021-2023
Assistant Superintendent of Examination (Noon Session)	Conduction of examination of UG, PG and professional courses	D.S.B. Campus, KU, Nainital	2016-2017
Convener of B.Sc. I semester (Maths) admission Committee	Verification of documents and counselling the students	D.S.B. Campus, KU, Nainital	2020-2022
Convener of B.Sc. V Semester (Maths group) admission Committee	Verification of documents and counselling the students	D.S.B. Campus, KU, Nainital	2023
Member of B.Sc. I semester (Maths) admission Committee	Verification of documents	D.S.B. Campus, KU, Nainital	2012-2019, 2023
Assistant Proctor, D.S.B. Campus, Nainital.	Maintenance of discipline among students	D.S.B. Campus, KU, Nainital	2011- till date
Assistant Dean Students Welfare (ADSW), D.S.B. Campus, Nainital.	The welfare of the students as prescribed in the Regulations	D.S.B. Campus, KU, Nainital	2023- till date
Member of Academic Council	Planning, coordination, development and review of academic work of the University	Kumaun University, Nainital	2020-2023
Nodal Officer SC/ST Cell	Resolved the Problems of condidates	Kumaun University, Nainital	2020- till date
Coordinator NSS	Coordinate the NSS activity with various Colleges affiliated with Kumaun University Nainital	Kumaun University, Nainital	2019-2021

Convenor NSS	Coordinate all NSS Program Officer	D.S.B. Campus, KU, Nainital	2014-2017
Program Officer NSS	Conduction of various NSS program	D.S.B. Campus, KU, Nainital	2011-2014
Convener Reservation Policy	Allocation of seats as per reservation Policy of Govt.	Research and Extension Kumaun University, Nainital	2012
Convener of External Flying Squad	Prevention of the cheating in examination of different centre's	Kumaun University, Nainital	2011-2015
Member External Flying Squad	Prevention of the cheating in examination of different centre's	Kumaun University, Nainital	2019-2020

Research Interests

1. Work includes the Extraction, Fractionation, Isolation and purification of the natural constituent's isolation of medicinal and aromatic plant constituents by chromatography and their structure elucidation by spectral techniques. Extraction of essential oil from these plants and isolation of pure constituents and their identification by GC, GC-MS, 1D and 2D NMR Spectroscopic analysis.
2. Having sound knowledge of Steam distillation, Solvent extraction, Distillation under reduced pressure, Chromatography (TLC, Paper and Column Chromatography), GC, HPLC, HPTLC, GC-MS, UV, IR, 1H NMR, 13C NMR, DEPT, COSY, HSQC, HMBC, Mass spectrometry and other instrumental techniques.

Instrument handle

1. HPLC- Shimadzu LC-10AD with SPD-10A UV-VIS Detector and Water's 501A with Water's Lambda Max model 481 and Water's Differential Refractometer R 401 at SAIF Section CDRI, Lucknow.
2. GLC- Perkin Elemer Auto system XL Gas Chromatograph at SAIF Section CDRI, Lucknow.
3. Polarimeter Autopol III (Rudolph Research) at SAIF Section CDRI, Lucknow
4. IR Spectrometer- Perkin Elemer RX1 and GC/MS- QP2000 Shimadzu Gas Chromatograph 14A /Mass Spectrometry At SAIF Section CDRI Lucknow.

Publications

a) Research Papers

Authors name	Title of the paper	Vol, page no	Year
Sanjay Kumar, Pawan Kumar, Mohammad S. Javed , and Rishendra Kumar	Chemical examination and In fungal characterization of essential oil from aerial parts of <i>Swertia petiolate</i> D.Don	Asian Journal of Pharmaceutical and Clinical Research, 15(6), 38-41. (Online ISSN: 2455-3891; Print ISSN:0974-2441).	2022

Sanjay Kumar, Mohammad S. Javed , Pawan Kumar, Sachin Gupta, Rishendra Kumar and Pramod Kumar Singh	In vitro antifungal and antibacterial activity of chloroform extract from the tubers of <i>Aconitum</i> leave Royle: Endangered Species, India	Material Today: proceedings, 34, 563- 568 (ISSN: 2214-7853)	2021
Pawan Kumar, Sanjay Kumar, Mohammad S. Javed , A.K. Tewari and K.S. Bisht	Phytochemical investigation and in vitro antifungal activity of essential oil from the roots of <i>Selinum vaginatum</i> C.B. Clarke	European Journal of Medicinal Plants, 27(1), 1-11 (ISSN: 2231-0894).	2019
Sanjay Kumar, Mohammad S. Javed and Rishendra Kumar	GC-MS analysis and antioxidant activity of <i>Aconitum</i> leave Royle, an Endangered Species, Jammu & Kashmir	International Journal of Research, 7(7), 708-720 (ISSN (online) 2348- 6848).	2018
Pawan Kumar, Mohammad S. Javed , Mahesh Kumar, A.K. Tewari and K.S. Bisht	Phytochemical investigation and in vitro antifungal activity of essential oil from the seeds of <i>Neolitsea pallens</i> (D.Don) Mom & Hara	Indian perfumer, 62(1), 29-38 (ISSN0019-607X).	2018
Sanjay Kumar, Mohammad S. Javed , Pawan Kumar and Rishendra Kumar	Chemical composition, In vitro antibacterial and antioxidant activity of essential oil from leaves of <i>Ajuga parviflora</i> Benth	Asian Journal of Pharmaceutical and Clinical Research, 11 special Issue 2, 57-61. (Online ISSN: 2455- 3891; Print ISSN:0974- 2441).	2018
Sanjay Kumar, Mohammad S. Javed , Sachin Gupta and Rishendra Kumar	Phytochemical screening, In vitro antifungal and antioxidant activity of essential oil from roots of <i>Rheum webbianum</i> Royle from Himalayan region,	International Journal of Green Pharmacy, LPU Conference Apr- Jun special Issue, 95- 101.(P-ISSN-0973-8258; E-ISSN-1998-4103).	2018
Pawan Kumar, Mohammad S. Javed , A.K. Tewari and K.S. Bisht	Phytochemical investigation and In vitro antifungal activity of essential oil from the rhizome of <i>Bergenia stracheyi</i> (Hook.f. & Thomson) Engl.	Journal of Drug Delivery and Therapeutics, 7(1), 37-43. (ISSN:2250- 1177).	2017
Pawan Kumar, Mohammad S. Javed , Sanjay Kumar, A.K. Tewari and K.S. Bisht	Phytochemical investigation and In vitro antifungal activity of essential oil from the leaves of <i>Isodon rugosus</i> (Wall. Ex Benth) Codd	J. Chem. Eng. Chem. Res., 3(11), 993-999. (Online ISSN: 2333- 9209; Print ISSN:2333- 9195).	2016
Mohammad S. Javed , Pawan Kumar, Sanjay Kumar, Rishendra Kumar and Shikha	In vitro antioxidant and antibacterial acivity of essential oil from the seeds of <i>Neolitsea pallens</i> (D.Don) Mom & Hara	World Journal of Pharamaceutical Research, 5(4), 984-994. (ISSN:2277-7105).	2016
Mohammad S. Javed , Pawan Kumar, Sanjay Kumar, Rishendra	In vitro antifungal, antibacterial and antioxidant activity of essential oil from the aerial parts of <i>Agrimonia</i>	World Journal of Pharmaceutical Research, 5(3), 1747- 1763. (ISSN:2277-7105).	2016

Kumar, A.K. Tewari and K.S. Bisht	<i>aitchisonii</i> Schonbeck Temesy from Himalayan region		
Mohammad S. Javed , Chandra M.S. Bisht, Anuradha Negi and Anand B. Melkani	Chemical composition of essential oil from <i>Anaphalis royleana</i> var. <i>cana</i> Hook f.	Journal of Essential Oil Bearing plants, 13(5), 551. (ISSN:0976-5026).	2010
Anand B. Melkani, Anuradha Negi, Mohammad S. Javed , Philip S. Beauchamp and Vasu Dev	<i>Agrimonia aitchisonii</i> Schonbeck Temesy (Rosaceae): New source of Methyl Myrtenate	Journal of Essential Oil Research, 19(3), 294. (ISSN:1041-2905).	2007
Anuradha Negi, Mohammad S. Javed , Anand B. Melkani, Vasu Dev and Philip S. Beauchamp	Steam Volatile Terpenoids from <i>Salvia leucantha</i>	Journal of Essential Oil Research (2007), 19(5), 473. (ISSN:1041-2905).	2007
Anand B. Melkani, Mohammad S. Javed , Kirti B. Melkani, Vasu Dev and Philip S. Beauchamp	Terpenoid Composition of the essential oil from <i>Pimpinella acuminata</i> (Edgew.) CB Clarke	Journal of Essential Oil Research, 18, 312-314. (ISSN:1041-2905).	2006
Anand B. Melkani, Vasu Dev, Mohammad S. Javed , S.P.S. Mehta and Kirti B. Melkani	Volatile Components from the root and aerial parts of <i>Sanicula elata</i> Hamilt	Indian perfumer, 48(4), 421-424. (ISSN0019-607X).	2004

b). Book chapters

Authors name	Title of the book	Publisher	ISBN	Year
Mohammad S. Javed , Sanjay Kumar, Pawan Kumar, Iram, Sachin Gupta and Rishendra Kumar	Chemical Composition, Antimicrobial and Anioxidant activity of essential oli from Rhizomes of <i>Rhodiola wallichiana</i> (Hook.f.) S.H.FU	Indu Book Services Pvt. Ltd. First Published:2023	978-93-91377-78-6	2023
Mohammad S. Javed , Sanjay Kumar, Pawan Kumar, A.K. Tiwari and K.S. Bisht	Phytochemical investigation and in vitro antifungal activity of essential oil from the seeds of <i>Neolitsea pallens</i> (D.Don) Mom & Hara 62(1), 29-38	3rd National Conference on Recent Advances in Sciences & Technology, Seemant Institute of Technology, Pithoragarh Published by Excel publishers, Pratik Market, Munirka, New Delhi	978-93-86724-77-9	2018

C). Conference Publications/Proceedings

Authors name	Title of the paper	Conference Name	Year
Mohammad S. Javed, Sanjay Kumar, Pawan Kumar, A.K. Tiwari and K.S. Bisht	Phytochemical investigation and In-Vitro antifungal activity of essential oil from the seeds of <i>Neolitsea pallens</i> (D.Don) Mom & Hara.	3rd National Conference on recent advances in sciences & technology (NCRAS-2017) November 11-12, Seemant Institute of Technology (A Constituent Institute of UTU, Dehradun) Pithoragarh-262501	2017
Mohammad S. Javed Pawan Kumar, Sanjay Kumar, A.K. Tewari and K.S. Bisht	Phytochemical investigation and In-Vitro antifungal activity of essential oil from the roots of <i>Selinum vaginatum</i> CB Clarke	8th Conference of The Indian Science Association (Haridwar Chapter) Conference October 14-15, Department of Mathematics and Department of Computer Science, D.S.B. Campus, KU, Nainital	2017
Mohammad S. Javed, Pawan Kumar, A.K. Tewari and K.S. Bisht	Phytochemical investigation and In-Vitro antifungal activity of essential oil from the rhizomes of <i>Bergenia Stracheyi</i> (Hook F. & Thomson) Engl.	National Conference on Science & Technology for National Development November 20-22, The Indian Science Association (Haridwar Chapter) and Department of Chemistry Gurukula Kangri Vishwavidyalaya	2016
Mohammad S. Javed, Pawan Kumar, Sanjay Kumar, Rishendra	In-vitro antibacterial and antioxidant activity of the essential oil from the aerial parts of <i>Agrimonia aitchisonii</i> Schonbeck Temesy from Himalayan region	International Conference on Energy, Functional Materials and Nanotechnology, 27-29 March, Nanoscience and Nanotechnology Centre, Department of Chemistry, KU, Nainital	2016
Mohammad S. Javed	National Seminar on Applications of Mass and NMR Techniques in Drug Research September 24	SAIF, CSIR-Central Drug Research Institute (CDRI), Lucknow	2016
Mohammad S. Javed	Mass and NMR Applications September 22-23	SAIF, CSIR-Central Drug Research Institute (CDRI), Lucknow	2016

Projects (add row if required)

Title of the project	Funding Agency	Amount (Rs)	Year

Teaching details (add row if required)

Name of the course/paper	Department	University	Year
B.Sc. I Year Inorganic Chemistry)	Department of Chemistry	S.S.J. Campus, Kumaun University, Almora	2008-2010
B.Sc. III Year (Physical Chemistry)	Department of Chemistry	S.S.J. Campus, Kumaun University, Almora	2010
M.Sc. I (Organic Chemistry, Chromatography)	Department of Chemistry	S.S.J. Campus, Kumaun University, Almora	2008-2010
M.Sc. II year (Organic Chemistry)	Department of Chemistry	S.S.J. Campus, Kumaun University, Almora	2008-2010
B.Sc. I Year (Organic Chemistry)	Department of Chemistry	Kumaun University, Nainital	2011 onwards
B.Sc. II Year (Physical Chemistry)	Department of Chemistry	Kumaun University, Nainital	2012
M.Sc. I Year/ I Semester (Pericyclic Reaction, Name reactions, Aromaticity and Prosteroisomerism and Conformation	Department of Chemistry	Kumaun University, Nainital	2012-onwards
M.Sc. II Semester (Addition Reactions, Elimination Reactions and Electron spin Resonance spectroscopy)	Department of Chemistry	Kumaun University, Nainital	2012 onwards
M.Sc. III Semester (Organic Photochemistry and Mossbauer Spectroscopy)	Department of Chemistry	Kumaun University, Nainital	2011 onwards
M.Sc. IV Semester (Nomenclature of Heterocyclic Chemistry, Three and four-membered heterocyclic compounds, 2D-NMR, Prostaglandin and Protecting Groups)	Department of Chemistry	Kumaun University, Nainital	2012 onwards
B.Sc. I Semester/NEP	Department of Chemistry	Kumaun University, Nainital	2015 onwards

(Reaction mechanism and stereochemistry)			
B.Sc. II Semester/NEP Organic Chemistry, Chemical Kinetics & s- p block elements	Department of Chemistry	Kumaun University, Nainital	2015 onwards
B.Sc. III Semester/NEP and (Coordination Chemistry, Alkyl, Aryl and Vinyl halides and chemical equilibrium)	Department of Chemistry	Kumaun University, Nainital	2015 onwards
B.Sc. IV Semester/NEP (Carboxylic acids and Acids and bases)	Department of Chemistry	Kumaun University, Nainital	2016 onwards
B.Sc. and M.Sc. Practical Classes	Department of Chemistry	Kumaun University, Nainital	2008 onwards

Professional Memberships

Organization	Position	Year
nil	nil	nil

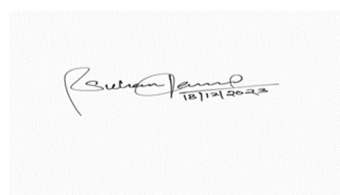
Honours and Awards

Award	Awarding Organization	Year
nil	nil	nil

Conference Presentations/ Participated

Title of presentation	Conference Name	Name of the institution	Year
Chemical Composition, Antimicrobial and Antioxidant Activity of Essential Oli from Rhizomes of <i>Rhodiola wallichiana</i> (Hook.f.) S.H.FU	Multidisciplinary National Seminar on "Innovative and Scientific Research & Development" (ISRD-2023)	J.J.S. Degree College, Mihijam (A permanent affiliated to Sido Kanhu Murmu University (SKMU), Dumka, Jharkhand	2023
Comparative analysis of essential oil from roots of <i>Rheum webbianum</i> Royle	2nd International Conference on Energy, Functional Materials and Nanotechnology & Sustainable	Nanoscience & Nanotechnology Centre, Department of Chemistry, Kumaun University, Nainital	2019

	Management (ICEFN &SEM-2019, 24-26 May 2019)		
Natural products and antibacterial activity of the essential oil from <i>Salvia leucantha</i> cav.	6th Uttarakhand State Science and Technology Congress held on 14-16 Nov	Kumaun University. S.S.J. Campus, Almora.	2011
Chemical composition of essential oil from <i>Anaphalis royleana</i> var. <i>cana</i> Hook f.	4th Uttarakhand State Science and Technology Congress 200 held on 10-12 Nov	GB Pant University of Agriculture & Technology Pantnagar.	2009



Signature of the faculty member