

CURRICULUM VITAE

Personal Details

Nisar Ahmad Dangroo

National Institute of Technology, Srinagar
India 190006.

Web: [https://www.iust.ac.in/faculty-
details.aspx?deptcode=DOC&empId=22
97/](https://www.iust.ac.in/faculty-details.aspx?deptcode=DOC&empId=2297/)

E mail: nisar.iim@gmail.com

Voice: +91 9906125410

D.O.B. Feb. 22, 1986

Permanent address: Sopore.

P/O: Sopore 193201

(J&K), India.

Marital status: Married



Education

2011 – 2016	PhD in Chemistry from CSIR- Indian Institute of Integrative Medicine (IIIM), Jammu, India. (http://www.iim.res.in/). Degree awarded by University of Kashmir, Srinagar, India. http://www.kashmiruniversity.net
2007 - 2009	M.Sc. Chemistry (Organic) , University of Pune, Ganeshkhind, Pune, Maharashtra, India 411007 http:// www.unipune.ac.in/
2002 – 2005	B.Sc. Chemical sciences, University of Kashmir, Hazratbal, Srinagar, J&K, India. http://www.kashmiruniversity.net/

Teaching Experience

5 th Dec. 2022 till date	Assistant professor, IUST Awantipora	
26 July 2021-7-10-2021	Teaching (AP), Department of Chemistry Govt. Degree College Sopore , India 193201	2 months 18 days
13 th April 2020- 26 th Dec 2020	Teaching (AP), Department of Chemistry Govt. Degree College Sopore , India 193201.	8 months 18 days
10 th Oct 2019 – 22 th Dec 2019	Lecturer, Department of Chemistry University of Kashmir , Srinagar, India 190006.	2 months 13 days
Total Teaching experience:	Years: <u>2</u>, Month: <u>2</u>, Days: <u>15</u>	

Research Experience

8 th Oct 2021 – 4 th Dec 2022	Postdoctorate , CSIR New Delhi Sponsered project, National Institute of Technology (NIT), Srinagar, India 190006.	1 year 2 Months
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24 th Aug 2017 - 24 th Aug 2019	Postdoctorate , (Principal Investigator) DST-SERB Sponsored project, National Institute of Technology (NIT), Srinagar, India 190006.	2 years
2014-Nov 2016	Senior Research Fellow Bio-organic Chemistry Division, Indian Institute of Integrative Medicine (CSIR), Jammu, J&K, India- 180001	Included in PhD
2012-2013	Junior Research Fellow Bio-organic Chemistry Division, Indian Institute of Integrative Medicine (CSIR), Jammu, J&K, India-180001	
Oct 2010 – Dec 2011	Research Fellow QCQA Division, Indian Institute of Integrative Medicine (CSIR), Jammu, J&K, India-180001	1 year 3 months
Total Research experience:	Years: <u>04</u> Month: <u>4</u>	
Awards and Honors		
March 2014	Received certificate of excellence from ministry of Earth Sciences, Govt. of India at the 101 Indian Science Congress (ISCA-Kolkata).	
Jun 2011	Qualified National Eligibility Test (NET-JRF) held jointly by Council of Scientific and Industrial Research (CSIR) and University Grants Commission (UGC), New Delhi, India vide rank 0057/1335.	
Dec. 2009	Qualified National Eligibility Test (NET) held jointly by Council of Scientific and Industrial Research (CSIR) and University Grants Commission (UGC), New Delhi, India vide rank 0089/1335.	

Published research

- M Qadir, NA Dangroo, VK Agnihotri, WA Shah, [Isolation, characterisation, antifungal activity and validated UPLC/MS/MS method for quantification of novel compound from Artemisia tournefortiana Reichb](#), **2021, 1-11**
- AA Malik, NA Dangroo, T Ara, [Microwave-Assisted Tandem Kornblum Oxidation and Biginelli Reaction for the Synthesis of Dihydropyrimidones](#), **2020 5 (42), 12965-12970**
- AM Dar, NA Dangroo, S Mir, BA Dar, [The Expeditious Oxidation Of Arylboronic Acids To Phenols By Tertiary Butyl Hydroperoxide In Green Aqueous Ethanol](#), European Chemical Bulletin 2020, 9, 193-195

- G Ali, NA Dangroo, S Raheem, T Naqvi, T Ara, MA Rizvi, [Photooxidation Coupled Kabachnik–Fields and Bigenelli reactions for Direct Conversion of Benzyl alcohols to \$\alpha\$ -Amino Phosphonates and Dihydropyrimidones.](#) *Acta Chimica Slovenica* 2020, 67, 195-202
- Mahpara Qadir Nisar A Dangroo Syed Wajaht A Shah, [Bioactivity-Guided Phytochemical Investigations Of *Artemisia Maritima*: Isolation And Characterization Of Chemical Constituents](#), *Asian J Pharm Clin Res*, 2019 12, 269-274
- Nisar A Dangroo, Tabassum Ara, Bashir A Dar, MA Khuroo, [Copper catalyzed tandem Chan–Lam type C–N and Staudinger-phosphite N–P coupling for the synthesis of N-arylphosphoramidates.](#) *Catalysis Communications*, 2019 118, 76-80
- Nisar A. Dangroo, Jasvinder Singh, Santosh K. Rath, Nidhi Gupta, Arem Qayum, Shashank Singh, Payare L. Sangwan, [A convergent synthesis of novel alkyne–azide cycloaddition congeners of betulinic acid as potent cytotoxic agent.](#) *Steroids* 2017 123, 1–12
- N. A. Dangroo, J. Singh, A. A. Dar, N. Gupta, P. K. Chinthakindi, A. Kaul, M. A. Khuroo and P. L. Sangwan, [Synthesis of \$\alpha\$ -santonin derived acetyl santonous acid triazole derivatives and their bioevaluation for T and B-cell proliferation.](#) *Eur J Med Chem*, 2016, 120, 160-169.
- Alamgir A. Dar, Nisar A. Dangroo, Arun Raina, Arem Qayum, Shashank K. Singh, Anil Kumar, Payare L. Sangwan, [Biologically active xanthenes from *Codonopsis ovate*.](#) *Phytochemistry*, 2016, 132, 102-108.
- N. A. Dangroo, J. Singh, A. N. Gupta, Shanshak K. Singh, A. Kaul, M. A. Khuroo and P. L. Sangwan, [Synthesis and Immunosuppressive activity of novel analogs of \$\alpha\$ -santonin: Inhibition of T and B cell proliferation, cellular and humoral immunity.](#) *MedChemCom*, 2016, 2016, 8, 211-219.
- Nisar A. Dangroo, Alamgir A. Dar, Ravi Shankar, M.A.Khuroo, Payare L. Sangwan. [An efficient synthesis of phosphoramidates from halides in aqueous ethanol](#) *Tetrahedron Lett* 2016, 57, 2717
- Nisar A. Dangroo, Alamgir A. Dar and B.A. Dar, [Efficient Protocol for Domino One Pot Synthesis of 1,2,3-Triazoles from Natural Organic Acids and Phenols.](#) *Tetrahedron Lett.* 2014, 55, 6729– 6733
- Bashir Ahmad Dar, Nisar A. Dangroo, Amit Gupta, Aarti Wali, M. A. Khuroo, Ram A. Vishwakarma, Baldev Singh, [Iodine catalyzed solvent-free cross-dehydrogenative coupling of arylamines and H-phosphonates for the synthesis of N-arylphosphoramidates under atmospheric conditions.](#) *Tetrahedron Lett.* 2014, 55, 1544-1548.
- Nidhi Gupta, Sonia Sharma, Arun Raina, Nisar A Dangroo, Shashi Bhushan and P L Sangwan, [Synthesis and anti-proliferative evaluation of novel 3,4-dihydro-2H-1,3-oxazine derivatives of bakuchiol.](#) *RSC Adv.*, 2016, 6, 106150-106159.

- Saleem Farooq, Shakeel-u-Rehman, Nisar A Dangroo, Dev Priya, Javid Ahmad Banday, Pyare Lal Sangwan, Mushtaq Ahmad Qurishi, Surrinder Koul, Ajit Kumar Saxena, [Isolation, Cytotoxicity Evaluation and HPLC-Quantification of the Chemical Constituents from *Prangos pabolaria*](#), 2014, PLoS ONE 9(10): e108713
- R. Majeed, P. L. Sangwan, P. K. Chinthakindi, Imran Khan, N. A. Dangroo, N. Thota, A. Hami, P. R. Sharma, A. K. Saxena, and S. Koul, [Synthesis of 3-O-propargylated betulinic acid and its 1, 2, 3-triazoles as potential apoptotic agents](#), *Eur J Med Chem*, 2013, 63, 782-792.
- Mir JA, Nisar A D , Khuroo M A and Tomara R, [HY Zeolite: An Efficient, eterogeneous and Recyclable Catalyst for the One Pot Synthesis of \$\alpha\$ -Aminophosphonates](#), *Int J Chem Sci.* 2017;15 (3):166.
- Bashir A. Dar, Nisar Ahmad, Jyoti Patial, Parveen Sharma, Kushal Bindu, [Sulfated zirconia as an efficient heterogeneous and reusable catalyst for one pot synthesis of flavanones](#). *Journal of Saudi Chemical Society* 18 (5), 464-468

Conferences and symposia

- **Nisar A Dangroo (2018)** Oral presentation in **International conference** held at Punjab India 20 Nov. 2018.
- **Nisar A Dangroo (2018)** Oral presentation in **International conference** held at Chandigarh India 26 Nov. 2018
- **Nisar A Dangroo (2018)** Oral presentation in **International conference** held at Punjab India 20 Nov. 2018.
- **Nisar A Dangroo (2017)** Oral presentation in **National conference** held at Kashmir University 18-19 September 2017.
- **Nisar A Dangroo (2017)** Oral presentation in **12th JKSC** held at Jammu University 2-4 March 2017.
- **Nisar A Dangroo (2014)** Poster presentation in **International conference on New Developments in Drug Discovery from Natural Products and Traditional Medicines** organized by Department of Natural products, Natural Institute of pharmaceutical education and research (NIPER), SAS Nagar, Punjab, India (20-22 Nov, 2014).
- **Nisar A Dangroo (2014)**. Participated in **Indian Science congress** held at University of Jammu, Jammu, India from February 3 to 7, 2014.

List of Referees

- **Dr. Ravi Shankar**
Scientist, Bio-Organic Chemistry Division,

CSIR-Indian Institute of Integrative Medicine, Canal Road, Jammu- 180001.

rshankar@iiim.ac.in

• **Dr. Tabassum Ara**

Professor and Head

Department of Chemistry, National Institute of Technology, Sinagar, India- 190006.

saithfb7@rediffmail.com