

Prof.(Dr.) Dinesh Kumar Mehta

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Present Address:

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Ram Nagar Colony

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Dist-Sirsa, (HR).125104.

I. Academic Background:

Educational Qualification:

1. From 2009 to 2012 (**Ph.D in Pharmaceutical Sciences**) from Jodhpur National University, Jodhpur, Rajasthan, INDIA
Ph.D. Thesis entitled “Standardization and Phytochemical investigation of some Medicinal plants of Poonch district (J&K) for Anti-inflammatory and Antioxidant potential”
2. From 2003 to 2005 (**Master of Pharmacy, M. Pharm**) Specialization in Pharm. chemistry from Rajiv Gandhi University of Health Sciences, Bangalore.
M.Pharm Dissertation entitled: Synthesis, Characterization & Biological activity studies of Mannich bases derived from 2,5-disubstituted-1,3,4- Oxadiazoles.
3. From 2003-2007 (**Post Graduation Diploma in Business administration, PGDBA**) Specialization in Marketing (2007) from Symbiosis Center for Distance Learning (Symbiosis, Pune.)
4. From 1998-2002 (**Bachelor of Pharmacy**) from Maharishi Dayanand University, Rohtak (Haryana)

II. Professional Background:

Academic/Industrial Experiences: (14.5 Years)

Teaching: 13.2 years (having the experience to teach B.Pharm., M.Pharm., Ph.D., and

Pharm.D) and **Industrial: 1.3 years**

- **1year 3 months** from July 2002 to 30th Oct 2003 worked as an **Assistant Mfg chemist** (Industry) in the Parenteral section at Pfiscar India limited, Sonapat (HR)
- **7 years and 4 months** from Aug 2005 to Nov2012- Worked as an **Assistant Professor** at Sri Sai college of pharmacy, Badhani, Pathankot (Pb.)-145001.
- **Dec 2012** Joined at M.M College of pharmacy, M.M (Deemed to be University), Mullana, Ambala as an **Associate Prof. to till date** (in the pay scale of ₹ 37400 – 67000-Paygrade 9,000).

III. Other Experiences:

- ❖ **Member**, Academic council, MMDU, Mullana, Ambala, ,Haryana
- ❖ **Member**, Board of Management, MMDU, Mullana, Ambala, ,Haryana
- ❖ **Member**, Board of Studies Maharishi Markandeshwar University, Mullana, Ambala, Haryana.
- ❖ **Member**, Department Research Committee, Faculty of Pharmaceutical Sciences, Maharishi Markandeshwar University, Mullana, Ambala, Haryana.
- ❖ **Member**, Gender sensitization and committee against sexual harassment, MMCP, MMU, Mullana, Ambala, Haryana.
- ❖ **NBA coordinator** of the MMCP, Maharishi Markandeshwar (Deemed to be University), got approval for the session 2018-2021.
- ❖ **NAAC Core Committee Member**
- ❖ Expert in documentation work of PCI, AICTE, UGC, NAAC and NBA Inspection.
- ❖ **Controller of Examination** of the MMCP, Maharishi Markandeshwar (Deemed to be University).
- ❖ **In charge of various committees** like: Central Instrument Laboratory, Maintenance Committee, SOP committee, NBA Committee, Class Checking Committee etc.
- ❖ Organized various **National Seminars and Workshops**.
- ❖ Worked as HOD for two years in Sri Sai College of Pharmacy, Pathankot, Pb.
- ❖ Appointed as Deputy Controller of semester end examination of Punjab Technical University, Pb.
- ❖ Provide necessary education counseling as the education advisor to the students.
- ❖ Plan and implement special college events with the proper coordination with the supportive officials along with the community representatives.

IV. Research Interest:

Synthesis and characterization of Heterocyclic compounds of biological significance in the field of anti-inflammatory, antimicrobial, antioxidant and anticancer activities and docking studies. Isolation of active constituents by using Column Chromatography and Flash Chromatography.

V. Professional Efficiencies:

- Strong communications skills as an author, lecturer, teacher, debater.

- Excellent relationship builder with students, faculty, and administration. Knowledge of handling following Instruments :
- **FTIR** (Shimadzu), **UV Spectrophotometer** (Shimadzu), **HPLC** (Cyber lab), Rotatory evaporator, Laminar Air flow, **Column Chromatography, Flash Chromatography, V-life Molecular Docking** Software and all the instruments related to the pharmaceutical chemistry lab.
- High proficiency with Microsoft Word, Excel Word, PowerPoint and Internet services

VI. Achievements:

- 1) Presentation in International conference 3rd Malaysian Congress of Toxicology held on 5th to 6th December 2017 at **Universiti Kebangsaan Malaysia (The National University of Malaysia)** from
- 2) **Member of LOC Task Committee in 69th IPC, 22-24th December 2017**, held at Chitkara University, Pb.

VII. Association Membership

Life Member of Indian Hospital Pharmacist Association.

Membership No.- ALM 50932

Life Member of Association of Pharmaceutical Teachers of India.

Membership No.- HA/LM – 149

VIII. Publication Details:

➤ Total Publications	37 (10 National, 27 International)
➤ Poster presentation	32
➤ Books published	04
➤ Book Chapter	01
➤ Conferences Attended	53
➤ Copy right filed	02 (01 Awarded)
➤ Patents filed	07

VIII. Personal Profile:

D.O.B: 07-12-1976
 Gender: Male
 Marital Status: Married
 No. of Children: 01 Boy Born on 1st June 2009
 Languages Known: English, Hindi, and Punjabi
 Nationality: Indian

IX. Student Guided:

Ph.D.: 03

- **Minaxi Saini** - Synthesis, Characterization, Computational study and Biological evaluation of some Novel Pyridazinone Derivatives. (**Awarded**)
- **Poonam Taya**- Synthesis, Characterization, Biological evaluation and Computational studies of novel Thiadiazole Derivatives. (**Awarded**)
- **Vaibhav Sharma**- Synthesis, Characterization and Biological evaluation of some novel Quinolone analogues (perusing)

M.Pharmacy: 04

- **Preeti Kushwah**, Synthesis, characterization and biological evaluation of some novel mannich bases.
- **Kamaldeep Kaur**, Synthesis, characterization and biological evaluation of some spiroketal derivatives.
- **Vaibhav Sharma**, Synthesis, characterization and biological evaluation of Schiff bases from 4-amino benzoic acid
- **Satinder Kanwar**, Greener synthesis, and characterization of novel 1,3,4-thiadiazole derivatives and their biological evaluation

Doctor of Pharmacy (Pharm D): 04

- **Payal Mankotia**- The impact of Clinical Pharmacist's in the Management of Patients suffering with Type-2 Diabetes
- **Nitin**- The impact of Clinical Pharmacist's in the Management of Patients suffering with Type-2 Diabetes
- **Priti**- Steroid utilization pattern: A Prospective study at a Tertiary care Teaching Hospital
- **Shazma**- Steroid utilization pattern: A Prospective study at a Tertiary care Teaching Hospital

List of Publications:

Research Paper Published (37)

- 1) Rina Das, **Dinesh Kumar Mehta**, Microbial Biofilm and Quorum Sensing Inhibition: Endowment of Medicinal Plants to Combat Multidrug- Resistant Bacteria, *Current Drug Targets*, 2018. **IF- 3.34(Thomson reuter)**
- 2) Rina Das, Gyati S.Asthana, K.A.Suri, **Dinesh K.Mehta**, Recent developments in azole compounds as antitubercular agents. Accepted in Mini Review in Organic Chemistry, 2018. **IF-1.39 (Thomson reuter)**
- 3) Satinder Kanwar, **Dinesh Kumar Mehta**, Rina Das and Girish K Gupta, A Green Ultrasound Synthesis, Characterization and their antibacterial evaluation of novel transition metal complex of 2-amino-5-aryl-1, 3, 4-Thiadiazole. Letter in Organic Chemistry (LOC), 15 (12), 2018, 633-639, July 2018. **IF-0.594 (Thomson reuter)**

- 4) Vaibhav Sharma, **Dinesh Kumar Mehta**, Rina Das, Synthetic Methods of Quinoline derivatives as potent Anticancer agents, *Mini Review in Medicinal Chemistry (MRMC)*, 17(16), Nov 2017, 1557-1572. **IF-2.93(Thomson reuter)**
- 5) Barkha Wadhwa, Pankaj Khurana, **Dinesh Kumar Mehta**, Rina Das, Phytochemical Screening and Antimicrobial Evaluation of Methanolic Extract of *Zanthoxylum armatum* DC. *International Journal of Pharmaceutical Research*, 9(3), July-Sept 2017, 86-89. **IF-1.46(Scopus Index)**
- 6) Rina Das, **Dinesh Kumar Mehta**, Vaibhav Sharma, Quinolones: Understanding the Drug Designing to Combat Drug Resistance, *Anal in Pharmacology and Pharmaceutics*, 2(17), July-Sept 2017, 1-3.
- 7) Minaxi Saini, **Dinesh Kr Mehta** and Rina Das, Antimicrobial and Antioxidant Evaluation of Some Novel Synthesized Pyridazinone Derivatives, **IJPR**, 8(4), Oct-Dec 2016, 53-59. **IF-1.46(Scopus Index)**
- 8) Poonam Taya, **Dinesh Kr Mehta** and Rina Das, Synthesis and Pharmacological Evaluation novel N-(5-(1*H*-indol-3-yl)-1,3,4-thiadiazol-2-yl)-5-(substituted phenyl)-3-(phenylamino)-4,5-dihydropyrazole-1-acetamide derivatives for Anti-inflammatory and Antimicrobial potential, **IJPR**, 8(4), Oct-Dec2016, 44-52. **IF-1.46(Scopus Index)**
- 9) Vaibhav Sharma, **Dinesh Kumar Mehta**, Rina Das, Preet Kawal Kaur. Synthesis of some novel Triazole derivatives as Schiff bases and their Antimicrobial evaluation, *International Journal of Pharmacy and Pharmaceutical Sciences (IJPPS)*.8(9), 1-4, 2016. **IF-0.55 (Scopus Index)**
- 10) Minaxi Saini, **Dinesh Kumar Mehta**, Rina Das, Pyridazinone derivatives as anti-inflammatory agents, *Mini Review in Medicinal Chemistry (MRMC)*, 2016, 16(12):996-1012. **IF-2.93 (Thomson reuter)**
- 11) Rina Das, Gyati Shilakari, **Dinesh Kumar Mehta**. Synthesis and Assessment of Antitubercular and Antimicrobial Activity of Some Novel Triazolo and Tetrazole-Fused 1, 3, 4-Oxadiazole Molecules Containing Pyrazine Moiety" **JPSR**, Oct-2015. **IF-2.27(Scopus Index)**
- 12) Rina Das, **Dinesh Mehta**, New Insights into Anti-tubercular potential of Triazole scaffold, **WJPR**, 4(1), 2015-1536-1565. **IF-5.045**
- 13) Satinder Kanwar, **Dinesh Kumar Mehta**, Rina Das, "Greener Approach as a Recent Advancement in the Synthesis of Thiadiazole", **IJPSRR**, 33(1), 2015, 140-147. **IF-0.65(Scopus Index)**
- 14) **Dinesh Mehta** et al, A review on the various biological activities of thiadiazole, *International Journal of Pharmacy and Pharmaceutical Sciences (IJPPS)*, 4(7), 2015, 39-47. **IF-0.55(Scopus Index)**
- 15) Preeti Kushwah, **Dinesh Mehta**, Girish Kumar Gupta, Rina Das, Kamaldeep Kaur, Brief Review on Oxadiazole as a Potent Anticancer Agent, *Inventi Rapid Medicinal chemistry*, 2013(4), 1-9.
- 16) **Dinesh K.Mehta**, Rina Das and Anil Bhandari, Phytochemical screening and hplc analysis of flavonoid and anthraquinone glycoside in *Zanthoxylum armatum* fruit, *International Journal of Pharmacy and Pharmaceutical Sciences(IJPPS)*, 5(3), 2013,190-193. **IF- 0.55(Scopus Index)**
- 17) Sandeep Singla, Rina Das Mehta, **Dinesh Kumar Mehta**, A review: Method development and validation of related substances by reverse phase high-performance

- liquid chromatography according to ICH guidelines, International Journal of Universal Pharmacy and Bio Sciences (IJUPBS),2(4), July-Aug 2013, 86-92.**IF-1.89**
- 18) K Kaur, **D K Mehta**, G K Gupta, R Das, P Kushwah, S A Farooq, A Review on Synthesis and Biological Evaluation of Spiroketal Derivatives, Inventi Impact Medicinal chemistry, July Aug-2013, (4), 1-21.
 - 19) Vaibhav Sharma, **Dinesh Kumar Mehta**, Suman Bala, Rina Das, A review on biologically active Schiff base derivatives, International Journal of Universal Pharmacy and Bio Sciences (IJUPBS), 2(4), July-Aug 2013, 241-257. **IF-1.89**
 - 20) Rina Das, Gyati S.Asthana, K.A.Suri, **Dinesh K.Mehta**, Vipin Saini,1, 3, 4-oxadiazole: a potent drug moiety with antimicrobial and antimicrobial activity, International Journal of Universal Pharmacy and Bioscience(IJUPBS),1(2), Jan-Feb 2013. **IF-1.89**
 - 21) **Mehta D.K**, Bhandari A, Satti N.K, Singh S, Das R and Suri K.A. Isolation and Characterization of a glycoside 1-methoxy-2- Methyl-3, 6,-dihydroxy anthraquinone from *Zanthoxylum armatum* D.C. Journal of Pharmacy Research (JPR), 5(11).2012, 5155-56. **IF-2.507**
 - 22) Das R, **Mehta D.K**, Chaudhary A.K, and Khan M.U, Important herbs in Treatment of cancer, IJRDP, 1(3), 2012.46-53.
 - 23) Rina Das, **Dinesh Mehta** and Harsh Bhardwaj, An Overview on Microwave mediated Synthesis, IJRDP, 1(2), July 2012, 32-39.
 - 24) **Mehta D.K**, Bhandari A, Satti N.K and Das R. Isolation and Characterization of a flavonoid 3', 3-dimethoxy-4', 5, 7-trihydroxyflavone from *Zanthoxylum armatum* D.C. International Journal of Pharmaceutical Science and Health Care (IJPHC), Oct 2012, 5(2),29-35.
 - 25) R.Das, **D.K Mehta**, N.K Sati and K.A Suri. Microwave Synthesis and Anti-Oxidant activity of some 1,3,4 Oxadiazoles and 1,3,4 Oxadiazoles-2-thione as Mannich Bases. Inventi Impact Medicinal chemistry, 2, 2012.
 - 26) **D.K Mehta**, R.Das, and A.Bhandari, Microwave assisted synthesis of 2,5 – disubstituted 1,3,4-oxadiazol as an antibacterial agent. Inventi Rapid Medicinal chemistry, 1, 2012.
 - 27) **Mehta D.K**, Bhandari A, Satti N.K, Singh S, Das R and Suri K.A In-Vivo and In-Vitro Antioxidant Potential of Fruits of *Zanthoxylum Armatum* D. Journal of Pharmacy Research (JPR), 2012; 5(4):2031-2034. **IF-2.507**
 - 28) **Mehta D.K**, Bhandari A, Satti N.K, Singh S, Das R, Suri K.A, Sharma S.N, Anti-inflammatory activity of methanolic extract of fruit of *Zanthoxylum armatum* , Inventi Journal of Planta Activa, 4, Oct-Dec2011
 - 29) **Mehta D.K**, Das R, Bhandari A , In-Vitro Anthelmintic activity of seeds of *Zanthoxylum armatum* DC. Against *Pheretima Posthuma*, International journal Of Green Pharmacy (IJGP).2012, 6(5), 26-28.
 - 30) R.Das, **D.K Mehta** and A.Gupta, In Vitro Anthelmintic activity of leaves of *Juglan regia* L. against pheretima posthuma, Sci. Revs. Chem. Commun.: 2011, 1(1), 78-82.
 - 31) **Mehta D.K**, Das R, Synthesis and in-vitro antioxidant activity of some new 2,5 Disubstituted -1,3,4- oxadiazole containing furan moiety, IJPSR 2011; Vol. 2(11): 2959-2963.
 - 32) Rina Das, **Dinesh Kumar Mehta**, Synthesis and antimicrobial study of oxadiazole-salicylic acid combined molecule as a ligand and its metal chelation, International Journal of Pharmagenesis (IJP), 2(1), Jan-June 2011,83-86.

- 33) Kamal Dua, UV Singh Sara, **Dinesh Mehta**, Dissolution enhancement of aceclofenac through solid dispersion, The Indian Pharmacist, June 2006,70-72.
- 34) Kamal Dua, UV Singh Sara, **Dinesh Mehta**, formulation and evaluation of topical bases of Aceclofenac. The Indian pharmacist (IP), March 2006, 73-75.
- 35) MV Ramana, Kamal Dua, UV Singh Sara, **Dinesh Mehta**, solubility of norfloxacin β -cyclodextrin in presence of acidic solubilizing additives, International Journal of Pharmaceutical Excipients (IJPE), 2006, vol 5(1),1-5
- 36) Rina Das, **Dinesh Mehta**, Synthesis, anti-inflammatory and antimicrobial activity of some new 2,5-disubstituted-1,3,4-oxadiazoles containing furan moiety, Asian journal of chemistry (AJC), 2009.vol-21, **IF-0.29**
- 37) **Dinesh Mehta**, Rina Das, Kamal Dua. Synthesis, anti-inflammatory and antimicrobial activity of some new 1,3,4-oxadiazoles and 1,3,4-oxadiazoles-2-thione derivatives as mannich bases containing furan moiety. International Journal of Chemical sciences (IJCS), 2009, 7(1), 225-234. **IF-0.01**

Patents Filed 07

- 1) Rina Das, Gyati Shilakari Asthana, **Dinesh K.Mehta** and Abhay Asthana Antitubercular, antibacterial and antifungal pyrazinyl 1,3,4-oxadiazolo1,3,5 triazolothiol and method of preparation of the same thereof, File No. 2678/DEL/2015 dated 28/08/2015, **Published – 3/03/2017**
- 2) **Dinesh K Mehta**, Satinder Kanwar, Rina Das and Vipin Saini, Ultrasound assisted synthesis of novel bis[2-amino-5-(4-chlorophenyl)-1, 3, 4-thiadiazole]cobalt dichloride metal complex, File No. 2870/2015-DEL dated 13/09/2015. **Published – 17/03/2017**
- 3) **Dinesh K Mehta**, Minaxi Saini, Rina Das and Vipin Saini, Synthesis and Characterisation of Novel 5-(4-bromo-phenylamino)-4-chloro-2-(3-chlorophenyl) 2H-pyridazin-3-one, File No. 201611030863 dated 09/09/2016.
- 4) Poonam Taya, **Dinesh K. Mehta**, Rina Das, Vipin Saini; Synthesis and Characterization of novel N-(5-(1-H-indol-3yl)- 1,3,4- thiadiazol-2yl)-5-(phenyl)-3-(phenylamino)-4,5dihydro pyrazole-1-acetamide, File No. 201611030864 dated 09/09/2016.
- 5) Manu Sharma, Vipin Saini, Jagatheesh Kaliaperumal, **Dinesh Kumar Mehta**, Rina Das; *Modified Clevenger apparatus* (Design Patent); File No. 299818 dated 29/11/17.
- 6) K. Jagatheesh, Manu Sharma, Prerna Sarup, Manisha Bhatia, Randhir Dahiya,Vichitra Kaushik , Girish Gupta, **Dinesh Kumar**, Rina Das Mehta, Inderjeet Verma, Sabina, Akash Jain, Jasmine, A. Pandurangan, Vipin Saini. *Hot Plate* (Design Patent); File No. 305212, dated 30/04/18.
- 7) K. Jagatheesh, Manu Sharma, Prerna Sarup, Manish Kumar, Manisha Bhatia, Randhir Dahiya, Vichitra Kaushik , Girish Gupta, **Dinesh Kumar**, Rina Das Mehta, Parminder Nain, Jaspreet Kaur, Yousuf Ansari, A. Pandurangan, Vipin Saini. *Heating Mantle* (Design Patent); File No. 305213, dated 30/04/18.

Copyrights Filed: 02 (01 Awarded)

- 1) **Dr. Dinesh Mehta**, Ms. Rina Das, and Prof. Vipin Saini,

Title: Student Attendance cum Evaluation register for technical Institutes
Diary Number: 53528/2014-CO/L, Sept 03, 2014.
Registration no L-60984/2015 by Ministry of human resource development.
Department of higher education, dated 07/01 /2015

- 2) Ms. Rina Das, **Dr. Dinesh Mehta**, and Prof. Vipin Saini,
Title: Student attendance cum evaluation registers of all subjects for class teacher
of technical institutes,
Diary Number: 12098/2015-CO/L, 3/11/2015.

Books Published

05

- 1) **Dinesh Mehta**, Rina Das, "Biological evaluation of some 2, 5-disubstituted-1,3,4-oxadiazoles", **LAP LAMBERT Academic Publishing GmbH & Co. KG Germany**, ISBN 978-3-8465-5357-2.
- 2) **Dinesh Mehta**, Rina Das, "Anthelmintic activity of *Zanthoxylum armatum* seeds." **LAP LAMBERT Academic Publishing GmbH & Co. KG Germany** (ISBN 978-3-659-42889-0). **2013**
- 3) **Dr. Dinesh Kumar Mehta**, Dr. Rina Das, Prof. (Dr.)Vipin Saini, Chapter entitled: Development of therapeutically potent novel thiadiazole derivatives by green synthesis: towards environmental sustainability, In book entitled: sustainability & digitalization: present reality & future prospects. Sudha enterprises educational publisher, Rewari, Haryana (National Publisher), July/**2018**. ISBN: 978-81-935070-2-5
- 4) Dr. Meenakshi Dhanawat, Dr. Rina Das Mehta, **Dr. Dinesh Mehta**, Dr.Vipin Saini, book entitled "Inorganic Chemistry" for B.pharmacy 1st semester students as per the new syllabus given by PCI published by Unnati Publications, NCR, Sept/ 2018, (ISBN: 936467522-6).
- 5) Dr. Rina Das Mehta, **Dr. Dinesh Mehta**, Dr. Meenakshi Dhanawat, Dr.Sabina Yasmin, Dr Yousuf Ansari, Dr.Vipin Saini. book entitled "Medicinal Chemistry II" for B.pharmacy 5th semester students as per the new syllabus given by PCI published by Unnati Publications, NCR, Sept/ 2018, (ISBN: 936467523-6).

Presentations:

- 1) Daleep Kumar, **Dinesh Kumar Mehta**, Rina Das, Nikhil Gupta, MU Khan. Anthelmintic activity of methanolic extract of leaves of *Juglans regia L* Presented at National Seminar on "Recent Trends in Herbal Drug Research" at M. M. College of Pharmacy Maharishi Markandeshwar University, **Mullana, Ambala. Nov 2011 Won Second Prize in poster presentation.**
- 2) Nikhil Gupta, Rina Das, **Dinesh Kumar Mehta**, DaleepKumar. Antibacterial activity of Methanolic extract of leaves of *Juglans regia L* Presented at National Seminar on "Recent Trends in Herbal Drug Research" at M. M. College of Pharmacy Maharishi Markandeshwar University, **Mullana, Ambala. Nov 2011**
- 3) Manmohan Singh, **Dinesh Kumar Mehta**, Rina Das, Daleep Kumar, Pankaj Sharma, Arun Sangra, Sahil Puri & MU Khan, Traditional Medicinal Plants Of Dhar Region Used As Anti-Diabetics, Presented at 4th National Seminar on Biotechnology and Pharmaceutical Industry on 28th- 29th at Shaheed Bhagat Singh College of Pharmacy, **Patti, Amritsar.(Pb).2011.**

- 4) Anuradha, Das R, **Mehta D.K** and Khan MU, Microchemical analysis-A recent advancement in Analytical chemistry, Presented at Analytical Skill Developments in Pharmaceutical Research on Sept 22nd and 23rd, 2012 at CT Institute of Pharmaceutical Sciences, Shahpur , Jalandhar.
- 5) Dogra R, **Mehta D.K**, Das R and Khan MU, Quality Assessment of Herbal Drugs. Presented at Analytical Skill Developments in Pharmaceutical Research on Sept 22nd and 23rd, 2012 at CT Institute of Pharmaceutical Sciences, Shahpur , Jalandhar.
- 6) Choudhary V, **Mehta D.K**, Das R and Khan MU, **Green Analytical Chemistry: A New Analytical Technology**, Presented at Analytical Skill Developments in Pharmaceutical Research on Sept 22nd and 23rd, 2012 at CT Institute of Pharmaceutical Sciences, Shahpur , Jalandhar.
- 7) Abha, **Mehta D.K**, Das R, Microwave Synthesis and Characterization of Novel 5-Phenyl-3-piperidinomethyl-1,3,4-oxadiazole-2-thione as Mannich Base, Presented at Analytical Skill Developments in Pharmaceutical Research on Sept 22nd and 23rd, 2012 at CT Institute of Pharmaceutical Sciences, Shahpur , Jalandhar.
- 8) Sharma B, Das R, **Mehta D.K**, Columns used in HPLC-a review, Presented at Analytical Skill Developments in Pharmaceutical Research on Sept 22nd and 23rd, 2012 at CT Institute of Pharmaceutical Sciences, Shahpur , Jalandhar.
- 9) Das R, **Mehta D.K**, Saini V, Jain.S, in vitro antioxidant activity of methanolic extract of *Zanthoxylum armatum seed*, International conference on “advances in pharmacological & pharmaceutical approaches to drug discovery and clinical development 2013 “(appaddcd-2013), held on **15-16 March, 2013**, at Chitkara College of pharmacy, Chitkara University, Rajpura.
- 10) **Mehta D.K**, Das R, Bhandari A. Saini V, Jain S, in-vitro anthelmintic activity of fruits of *Zanthoxylum armatum* dc. against pheretima posthuma, International conference on “advances in pharmacological & pharmaceutical approaches to drug discovery and clinical development 2013 “(appaddcd-2013), held on **15-16 March 2013**, at Chitkara College of pharmacy, Chitkara University, Rajpura.
- 11) Kushwah P, **Mehta D.K**, Das R, Gupta G.K, synthesis, characterization and antibacterial activity of novel oxadiazole fused with ciprofloxacin, International conference on “advances in pharmacological & pharmaceutical approaches to drug discovery and clinical development 2013 “(appaddcd-2013), held on 15-16 March, 2013, at Chitkara College of pharmacy, Chitkara University, Rajpura.
- 12) **Dinesh Mehta**, ¹Rina Das et al, Innovative Standardization of Herbal Drugs, Presented at AICTE Sponsored Two Days National Seminar on “Recent Advances in Drug Discovery from Natural Resources” 29th & 30th **March** 2013, GANPAT UNIVERSITY, Shree S. K. Patel College of Pharmaceutical Education & Research, Gujarat.
- 13) Rina Das, **Dinesh Mehta** et al, Recent concepts and prospects of herbal nutraceuticals, Presented at AICTE Sponsored Two Days National Seminar on “Recent Advances in Drug Discovery from Natural Resources” **29th & 30th March** 2013, GANPAT UNIVERSITY, Shree S. K. Patel College of Pharmaceutical Education & Research, Gujarat.
- 14) **Dinesh.K.Mehta**, Rina Das, Vipin Saini “Importance of Microwave Synthesis in Drug Discovery” A National Conference on “Current Perspectives in Pharmacovigilance and Drug Risk Management” Organized by MM College of Pharmacy, MM University Mullana. Ambala, on **21-23 Nov. 2013**.
- 15) Rina Das, **Dinesh.K.Mehta**, Vipin Saini, Quality defects of medicinal products – a pharmacovigilance challenge, A National Conference on “Current Perspectives in Pharmacovigilance and Drug Risk Management” Organized by MM College of Pharmacy, MM University Mullana. Ambala, on **21-23 Nov. 2013**.
- 16) **Dinesh.K.Mehta**, Rina Das, N.K. Sati Cheminformatics in the Drug Discovery: The Prime Difficulty in the treatment of Tuberculosis now a days. International

- conference on “Drug Resistance, Development, Pharmaceutical Technology and Outcomes” (DRDTPO-2014), held on **11-12 April 2014**, at Chitkara College of pharmacy, Chitkara University, Rajpura.
- 17) **Dinesh.K.Mehta**, Rina Das. Prodrug Design: A Confront for the Drug Development. ICMR and DST SPONSORED, National conference on “Innovative Drug Delivery Systems” Organized By Laureate Institute of Pharmacy, Kathog, Kangra (H.P) on **22nd and 23rd August 2014**.
 - 18) **Dinesh.K.Mehta**, Rina Das. Fluoroquinolones as Hepatotoxicity inducer. MCI and DBT Sponsored Indian Pharmacological Society North Zone Conference(CME) on Recent Pharmacological trends for shaping future of Drug Discovery and Development from **16th to 18th October 2014**, organized by M.M.College of Pharmacy, Mullana, Ambala.
 - 19) Satinder Kanwar, **Dinesh.K.Mehta**, Rina Das. Thiadiazole As A Potent Anti-Inflammatory Agent at MCI and DBT sponsored Indian Pharmacological Society North Zone Conference(CME) on Recent Pharmacological trends for shaping future of Drug Discovery and Development from **16th to 18th October 2014**, organized by M.M.College of Pharmacy, Mullana, Ambala.
 - 20) Rina Das, **Dinesh.K.Mehta**. Drug Resistance: The Prime Difficulty in treatment of Tuberculosis now a days. International conference on “Drug Resistance, Development, Pharmaceutical Technology and Outcomes” (DRDTPO-2014), held on **11-12 April 2014**, at Chitkara College of pharmacy, **Chitkara University**, Rajpura.
 - 21) Rina Das, **Dinesh.K.Mehta**. Ultrasonic promoted synthesis: Innovative, ecofriendly drug discovery. ICMR and DST sponsored, National conference on “Innovative Drug Delivery Systems” Organized By Laureate Institute of Pharmacy, Kathog, Kangra (H.P) on **22nd and 23rd August 2014**.
 - 22) Rina Das, **Dinesh.K.Mehta**, The use of in-vitro pharmacological profiling and its impact on the drug discovery process at MCI and DBT Sponsored Indian Pharmacological Society North Zone Conference(CME) on Recent Pharmacological trends for shaping future of Drug Discovery and Development from **16th to 18th October, 2014**, organized by M.M.College of Pharmacy, Mullana, Ambala.
 - 23) Satinder Kanwar, **Dinesh.K.Mehta**, Rina Das. Thiadiazole as a potent anti-inflammatory agent. MCI and DBT Sponsored Indian Pharmacological Society North Zone Conference (CME) on Recent Pharmacological trends for shaping future of Drug Discovery and Development from **16th to 18th October 2014**, organized by M.M.College of Pharmacy, Mullana, Ambala.
 - 24) **Dinesh K. Mehta** and Rina Das, A novel Greener route for Synthesis and characterization of some 1,3,4- Thiadiazole derivatives presented At Two days **Indo-US Conference** on “Modern Trends in Drug Design, Discovery and Development” Organized by Association of Pharmacy Professionals (APP) Andhra Pradesh State Branch at Vijaya Institute of Pharmaceutical Sciences for Woman(VIPW), Andhra Pradesh on **25th -26th September, 2015**.
 - 25) **Dinesh K. Mehta** and Rina Das, Antibacterial evaluation of 2-amino-5-(4-nitrophenyl)-1,3,4-thiadiazole, presented at 2nd Annual National conference of “Association of Pharmaceutical Teachers of India”. Haryana State Branch, on **24,25th October 2015** organized by M.D. University Rohtak, Hr.
 - 26) **Dinesh K. Mehta** and Rina Das, Antifungal evaluation of 2-amino-5-(2-nitrophenyl)-1, 3, 4-Thiadiazole presented at 2nd One Day **National Symposium** on New Horizons in Drug Discovery and Development on, **16 November 2015** organized by Hamdard University, Jamia, New Delhi.

- 27) **Dinesh K. Mehta** and Rina Das, Microwave Synthesis and Characterization of Spiroketal derivatives from 4-Nitrobenzaldehyde, at 3 days international conference on Global challenges in Drug Discovery, Development, and Regulatory affairs, organized by Nirma University, **21-23 Jan 2016**, Ahmedabad, Gujrat.
- 28) **Dinesh.K.Mehta**, Rina Das, Women Empowerment at Association of pharmaceutical teachers of India-Haryana state branch sponsored a National conference on Women Empowerment and gender equality in digital India on **30th January 2017**, organized by M.M.College of Pharmacy, Mullana, Ambala.
- 29) **Dinesh.K.Mehta**, Rina Das. Biological properties of medicinal plant: Zanthoxylum armatum, DC. ICMR sponsored 5th International conference on “Bioinformatics and Proteomics Driven Biomarker Developments” (BPDBD-2017), held on **7th -8th April 2017**, at Chitkara College of pharmacy, **Chitkara University**, Rajpura.
- 30) **Dinesh.K.Mehta**, Rina Das. Women empowerment: an Indian scenario in a **one-day national conference** on Women Empowerment and gender equality in digital India sponsored by IHPA, Haryana state branch, organized by M.M.College of Pharmacy, Mullana, Ambala on **3rd November 2017**
- 31) **Dinesh Kumar Mehta**, Rina Das. Depreciating the Challenges Associated with Adminstrating Herbal Medicines with Conventional Medicines in Treatment of Various Diseases presented at 3rd Malaysian Congress of Toxicology to be held at **Universiti Kebangsaan Malaysia (The National University of Malaysia)** from **5th to 6th December 2017**.
- 32) **Dinesh Kumar Mehta**, Rina Das, Synthesis, Biological evaluation and Docking study of 4,5-Dichloro-6-(substituted benzyl)-2-morpholin-4-ylmethyl-2*H*-pyridazin-3-one Derivatives in **69th IPC, 22-24th December 2017**, held at Chitkara college of pharmacy, Chitkara University, Pb.

Conferences, Symposium and Workshop Attended:

- 1) **Faculty Development Programme** on ‘Challenges and Recent Advances in Herbal Drug Standardization’. Organized by PTU, held at Adesh Institute of Pharmaceutical Sciences, Bathinda on 5th to 9th September **2011**.
- 2) **‘Analytical Skill Developments in Pharmaceutical Research’** organized by CT Institute of Pharmaceutical Sciences, Jalandhar on September 22nd and 23rd, **2012**.
- 3) **One day workshop** on ‘analytical techniques for research in pharmacy ’ Organized by M.M.College of Pharmacy, M.M. University Mullana, Ambala on **Dec 2012**.
- 4) **Invited Speaker** on ‘UV Spectroscopy’ at One day workshop on ‘analytical techniques for research in pharmacy’ Organized by M.M.College of Pharmacy, M.M. University Mullana, Ambala on **Dec 2012**.
- 5) **AICTE Sponsored National Seminar** On “National Seminar on Global Scenario of Pharmaceuticals, Challenges and Regulatory policies” Organized by Himalayan Institute of Pharmacy, Kala Amb., Distt. Sirmour on **March 2nd, 2013**.
- 6) **One Day workshop** on Data Acquisition System (Power Lab) Organized by M.M.College of Pharmacy and M.M.Institute of Medical Science & Research, Mullana, Ambala on 12th **March 2013**.
- 7) **International conference** on “advances in pharmacological & pharmaceutical approaches to drug discovery and clinical development 2013 “(appaddcd-2013), held on **15-16 March 2013**, at Chitkara College of pharmacy, Chitkara University, Rajpura.

- 8) **One Day Seminar** on “AAS Instrumentation and Unique Patented Technologies” jointly organized by Perkin Elmer & M.M.College of Pharmacy, M.M. University Mullana, Ambala on **April 3rd 2013**.
- 9) **One Day Seminar** on Science: Past, Present & Future Jointly organized by Avecon Healthcare Pvt. Ltd., Saha, Haryana & M.M.College of Pharmacy, M.M. University Mullana, Ambala on **April 29, 2013**
- 10) **Symposium on Management of Experimental Animals and Alternatives**, Organized by Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial (ASBASJSM) College of Pharmacy, **Bela** in collaboration with PTU, **May 2013**
- 11) **UGC programme** of networking resource center, **learning methodologies** in pharmaceutical chemistry: medicinal and analytical aspects” Punjab University. Chandigarh, **5th -10th Aug.2013**.
- 12) **One day workshop** on “Entrepreneurship Skill Development in Pharmaceutical Industry (Entrepreneurship Development Cell)” Organized by MM College of Pharmacy, MM University Mullana. Ambala, on **Sept. 2013**.
- 13) **One day workshop** on “Current Trends in Intellectual Property Rights (Entrepreneurship Development Cell)” Organized by MM College of Pharmacy, MM University Mullana. Ambala, on **Oct. 2013**.
- 14) **A National Conference** on “Current Perspectives in Pharmacovigilance and Drug Risk Management” Organized by MM College of Pharmacy, MM University Mullana. Ambala, on **21-23 Nov. 2013**.
- 15) **One day seminar** on “Recent advances in Liquid Chromatography” (Academia-Industry Interaction Cell) Organized by MM College of Pharmacy, MM University Mullana. Ambala, on **Jan 31. 2014**.
- 16) **One Day Seminar** on “Answering the Obesity Epidemic: Challenges & Opportunities” under Continuing Pharmacy Education (CPE) Organized by MM College of Pharmacy, MM University Mullana. Ambala, on **March. 2014**.
- 17) **One Day Seminar** on “Continuing Pharmacy Education” Organized by Haryana State Pharmacy Council, **Panchkula on March.2014**.
- 18) **One day workshop** on “Emerging Trends in Pharmacological Education and Research” Organized by School of Pharmaceutical Sciences, Shoolni University, **Solan, HP in March 2014**.
- 19) **International conference** on “Drug Resistance, Development, Pharmaceutical Technology and Outcomes” (DRDTPO-2014), held on **11-12 April 2014**, at Chitkara College of pharmacy, **Chitkara University**, Rajpura.
- 20) **One Week Induction training programme through ICT**, organized by National Institute of technical teachers training and research, Chandigarh (NITTR), at M.M. College of pharmacy, Mullana, Ambala from **09/06/2014 to 13/06/2014**.
- 21) **One Week Instructional Planning & Delivery (ModuleIV: Communication Skills) through ICT**, organized by National Institute of technical teachers training and research, Chandigarh(NITTR), at M.M. College of pharmacy, Mullana, Ambala from **23/06/2014 to 27/06/2014**.
- 22) **Two Week Pharmacy Practice Module** Advanced Learning series on “Rational Use of Medicines and Disease Management” Organized by MM College of Pharmacy, MM University Mullana. Ambala, under the guidance of HSPC & IHPA on **30th June-11th July. 2014**.
- 23) **One Week Instructional Planning & Delivery (ModuleIII: Student Evaluation) through ICT**, organized by National Institute of technical teachers training and research, Chandigarh (NITTR), at M.M. College of pharmacy, Mullana, Ambala from **04/08/2014 to 08/08/2014**.
- 24) **ICMR and DST SPONSORED, National conference** on “Innovative Drug Delivery Systems” Organized By Laureate Institute of Pharmacy, Kathog, Kangra (**H.P**) on **22nd and 23rd August 2014**.

- 25) MCI and DBT Sponsored Indian Pharmacological Society **North Zone Conference** (CME) on Recent Pharmacological trends for shaping future of Drug Discovery and Development from **16th to 18th October 2014**. Organized by M.M.College of Pharmacy, Mullana, Ambala.
- 26) **National seminar cum workshop** on Essential of today and tomorrow: Inculcating advanced pharmaceutical skills with innovative approach, Pharmazenith, at SBSPGIBR, Dehradun, Uttarakhand on **26th, 27th March-2015**.
- 27) **National conference** on Changing Paradigm of Copyright, Patent and other IPR issues in India, at M.M. University, Mullana (Hr.) on **25th -26th April 2015**.
- 28) **Two days Indo-US Conference** on “Modern Trends in Drug Design, Discovery and Development” Organized by Association of Pharmacy Professionals (APP) Andhra Pradesh State Branch at Vijaya Institute of Pharmaceutical Sciences for Woman(VIPW), **Andhra Pradesh on 25th -26th September 2015**.
- 29) **2nd Annual National conference** of “Association of Pharmaceutical Teachers of India”. Haryana State Branch, on **24,25th October 2015** organized by M.D. University Rohtak, Hr.
- 30) **2nd One Day National Symposium** on New Horizons in Drug Discovery and Development on, **16 Nov. 2015** organized by **Hamdard University, Jamia, New Delhi**.
- 31) **National Seminar** on Role of Pharmacist in safe use of Antibiotics organized by HSPC, Panchkula(Hr.) on **22nd Nov-2015**.
- 32) **One Day Workshop** on “Molecular modeling” Organized by M.M. College of Pharmacy and Department of Chemistry, M.M. University Mullana. Ambala, under the guidance of V-Life on **3rd November 2015**
- 33) **One Week Pharmacy Practice Module-** Advanced Learning series on “Changing Paradigms in Diagnosis, Medication Use and Adverse Drug Event Reporting in Management of Non-Communicable Diseases” Organized by MM Institute of Medical Sciences& Research and MM College of Pharmacy, MM University Mullana. Ambala, under the guidance of IHPA on **30th Nov - 4th Dec 2015**.
- 34) **3 days International conference** on “Global challenges in Drug Discovery, Development and Regulatory affairs”, organized by Nirma University, **21-23 Jan 2016**, Ahmedabad, Gujarat.
- 35) **One Day Workshop** on “Advanced in Computer Aided Drug Design and Discovery” Organized by M.M. College of Pharmacy and Department of Chemistry, M.M. University Mullana. Ambala, under the guidance of **V-Life on 1st Aug 2016**.
- 36) DST Sponsored **Three Days “Entrepreneurship Awareness Camp”** Organized by Babaria Institute of Pharmacy, **Vadodara, on 11th to 13th August 2016**.
- 37) **3 days Pharmacy Practice Module III** -“Advance learning series on emerging trends in health care-Clinical Markers” Organized by Chitkara College of Pharmacy, Chitkara University, Rajpura, on **15th -17th September 2016**.
- 38) **3 days Faculty Development Programme** on “Efficient and effective pharmaceutical management in hospitals towards healthcare quality and better patient safety” organized by MM College of Pharmacy and MM Institute of Medical Sciences& Research, MM University Mullana. Ambala on **24th -26th October 2016**.
- 39) **1 day 52th IHPA annual conference** on Role of pharmacists in ensuring patient safety:prescribing generic medicine and ADR monitoring, organized by IHPA jointly with ITS College of Pharmacy, Ghaziabad, India, on **28th January 2017**.

- 40) **One day national conference** on Women Empowerment and gender equality in digital India sponsored by Association of pharmaceutical teachers of India-Haryana state branch on 30th **January 2017**, organized by M.M.College of Pharmacy, Mullana, Ambala.
- 41) **One day national workshop** on “Mendeley for Researchers” organized by MM College of Pharmacy, MM University Mullana. Ambala in collaboration with Mendeley, on 22nd **March 2017**.
- 42) **Two days ICMR sponsored 5th International conference** on “Bioinformatics and Proteomics Driven Biomarker Developments” (BPDBD-2017), held on 7th -8th **April 2017**, at Chitkara College of pharmacy, Chitkara University, Rajpura.
- 43) **One day training programme** on “Sensitization programme on intellectual property rights (IPRs) for MSMEs” organized by Intellectual Property Facilitation centre for MSMEs Haryana state council of science and technology, department of science and technology, Govt of Haryana, Panchkula, In association with Ambala scientific instruments manufacturer’s association (ASIMA) at MM School of Pharmacy, MM University, Sadopur, Ambala on 15th **September, 2017**.
- 44) **Three days Pharmacy Practice Module-V** on “Medication therapy management” organized by MM College of Pharmacy and MM Institute of Medical Sciences & Research, MM University Mullana. Ambala on 16th-18th **October 2017**.
- 45) **One day national Symposium on Intellectual Property Rights in Modernized World**, sponsored by IHPA, Haryana state branch, organized by M.M.College of Pharmacy, Mullana, Ambala on 31st **October 2017**.
- 46) **One day national conference** on Women Empowerment and gender equality in digital India sponsored by IHPA, Haryana state branch, organized by M.M.College of Pharmacy, Mullana, Ambala on 3rd **November 2017**.
- 47) **One week national workshop** on Research Methodology, sponsored by Indian Council of Contemporary Researchers (ICCR) and Ambala Scientific Instruments Manufacturer’s Association (ASIMA), organized by M.M.College of Pharmacy, Mullana, Ambala from 4th -9th **December 2017**.
- 48) 3rd Malaysian Congress(**International Conference**) of Toxicology to be held at **Universiti Kebangsaan Malaysia (The National University of Malaysia)** from 5th to 6th **December 2017**.
- 49) 69th **IPC, 22-24th December 2017**, held at Chitkara College of Pharmacy, Chitkara University, Pb.
- 50) **One day 12th Indo –African International conference** on ‘Trends, challenges & future scenario of pharmaceutical sciences’ organized by APP Rajasthan State branch and APP Ethiopian International branch at Arya College of Pharmacy, Jaipur on 6th **March, 2018**.
- 51) **One day International seminar** on ‘Infectious pulmonary disorders: strategies to control emergence & spread of antimicrobial resistant microorganisms’ organized by Amity Institute of Pharmacy, Amity University, U.P. on 23rd **May 2018**.
- 52) **One day 2nd Indo –Caribbean International conference** on “ Advanced trends in Medicinal Chemistry, Drug Discovery, Designing and Development” organized by APP Delhi State branch and APP West Indies International branch at M.M.College of Pharmacy, MMDU, Mullana, Ambala on 21st **July, 2018**.
- 53) **One day national workshop** on “Current trends in IPR”, sponsored by Patent facilitation centre, Haryana State Council for Science and Technology, Dept of Science and Technology, Govt of Haryana, organized by MM College of Pharmacy, MM University Mullana. Ambala, on 4th **August 2018**.

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