

**At present:**

Handling the charge of Director, Centre for Bioinformatics, M.D. University at present.
Working as Assistant Professor at Centre for Bioinformatics, M.D.U., Rohtak, since 19/09/2013.

Experience:

Proof attached at Annexure 'A'

- Worked as **Research Associate** at **Centre for Biotechnology, M.D.U. Rohtak** from **8th April, 2013** to **19th September, 2013**. (*Awarded UGC-BSR Scholarship*)
- Worked as **Assistant Professor (Bioinformatics)** from **23rd August, 2011** to **7th May, 2012** in the **Department of Biochemistry, Kurukshetra University, Kurukshetra**.
- Worked as **Assistant Professor (Bioinformatics)** from **20th September, 2010** to **30th April, 2011** in the **Department of Biochemistry, Kurukshetra University, Kurukshetra**.

Educational Qualifications:

| Exam Passes | University/ Board | Year of Passing | Percentage of marks obtained | Division | Date of Award of Degree | Subjects studied including options |
|-----------------------------|-------------------------------|-----------------|------------------------------|----------|-------------------------|--|
| Metric | CBSE | 2002 | 76.6% | First | 28-05-2002 | Hindi, English, Math, Science, Social Science |
| 10+2 | CBSE | 2004 | 73.4% | First | 23-05-2004 | Physics, Chemistry, Biology, Hindi, English |
| B.Sc. Medical | Punjab University, Chandigarh | 2007 | 72.3% | First | 26-06-2007 | Chemistry, Botany, Zoology, English |
| M.Sc. Bioinformatics | Banasthali University | 2009 | 73.7% | First | 16-01-2010 | Subjects related to Bioinformatics |
| Pre. Ph.D | M.D. University, Rohtak | 2013 | 58% | | 07-05-2013 | Computational and System Bio, Research Methodology and Trends in biotechnology |

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|-------------------------------|-------------------------------|--|--|----------------|--|
| Ph.D. | M.D. University, Rohtak | 2017 | | 19-09- 2017 | Subject: Biotechnology <u>Title of Thesis:</u> <i>“IN-SILICO CHARACTERIZ ATION AND VALIDATION OF ASPERGILLUS FUMIGATUS ALLERGENS AS PROTECTIVE MOLECULES”</i> Chief Supervisor: <i>Prof. Anil Kumar Chhillar</i> |
| Anyo there xam | | CSIR/UGC NET exam held in Dec, 2009 Qualified HTET (Biology), Nov 2011. | | | |

Awards and Recognitions:

- Awarded AMI-Young Scientist Award (Medical and Veterinary Microbiology) for the year 2022.
- Awarded the Certificate of Appreciation on 03/Sep/2022 by Honourable Governor of Haryana (Sh. Bandaru Dattatraya) for outstanding efforts to fetch extramural R&D projects from National funding agency during the year 2021 at MDU.
- Awarded Certificate of appreciation for showing outstanding performance in “Draw a happy Person game” organized on 6/Jan 2023 by Happitude Laboratory, MDU.

Number of Ph.D. students guided:

- 02 students awarded Ph.D. degree
- 04 students pursuing Ph.D.

Post graduate students guided so far:

- 73 PG and 4 B.Tech students have successfully completed their dissertations under my guidance till the year 2023.

Project Details:

- Part of the Multi-PI project entitled “DBT-Builder, MDU Interdisciplinary Life Sciences Programme for Advance Research and Education” awarded on 26/Nov/2021 and will end on 28 Feb 2025.

Workshops/Seminars/Training and other related information:

- Three days workshop on “Creation of e-Contents and Development of MOOC’s” from June 22-24, 2023 organized by Faculty Development Centre, Digital Learning Centre, and Centre for Internal Quality Assurance, MD university, Rohtak.
- One day workshop on “Curriculum and Credit Framework for Undergraduate Programmes” on 8th April, 2023 organized by Faculty Development Centre & Internal Quality Assurance Cell, MD University, Rohtak.
- 63rd Annual International Conference of Association of Microbiologists of India (AMI) from 2nd to 4th February, 2023 conducted by Maharshi Dayanand University, Rohtak.
- Chaired the session of One week National Workshop on “Bioprospecting Natural Products for Human Health and Socio-Economic Developments” from 9th to 14th January, 2023 organised under UGC-STRIDE programme, MD University, Rohtak.
- One day workshop on “Basic Contours of NEP 2020” on 9th January, 2023 organized by Internal Quality Assurance Cell under the aegis of IDP Committee, MD University, Rohtak.
- One day workshop on “NAAC Documentation for UTDs” on 14th November, 2022 organized by Internal Quality Assurance Cell, MD University, Rohtak.
- Two day National Workshop on “Extramural Research Funding: Opportunities & Challenges” from 14th to 15th October, 2022 conducted by MD University, Rohtak.
- 62nd Annual International Conference of Association of Microbiologists of India (AMI) from 21st to 23rd September, 2022 conducted by University of Mysore.
- Participated in one day Faculty Capacity Building Workshop on “e-content development and iLMS” organized by DLC & FDC, MDU on 27, June 2022.
- One day Sensitization Program on Professional ethics and Prescribed code of conduct” June 25, 2022 organized by FDC, MDU.
- Chaired the session of one week workshop on Research Methodology held from

25/4/2022 to 29/04/2022 conducted by Ch. Ranbir Singh Institute of Social and Economic Change in collaboration with Faculty of Life Sciences, Faculty of Pharmaceutical Sciences and Department of Forensic Sciences, MDU Rohtak.

- Participated in Online Seminar on “Biosafety Guidelines and Regulations in Laboratories” held on 28/01/2022 and organized by CCPC, MDU.
- Co-chaired the technical session for the Interdisciplinary National Seminar on “Post Covid strategies; A stronger and resilient tomorrow” held on 25th and 26th Nov 2021, organized by FDC, MDU.
- Participated in One day Workshop on “AQAR Framework 2020-21” held on 18/Nov/2021 and organized by IQAC cell, MDU, Rohtak.
- Co-chaired technical session for seminar on “NEP 2020; Context and Opportunities in Higher Education” organized on 20th and 21st Feb 2021 by FDC, MDU.
- Attended "International Workshop on Intellectual Property Rights" conducted by Centre for Medical Biotechnology and IPR Cell, MDU on 11th Feb 2019.
- Attended "One day Workshop for Affiliated Colleges of MDU" conducted by IQAC, MDU on 30/Nov/2018.
- Attended workshop on Wildlife ecology and Sericulture resources organized by Directorate of Sericulture, BTC; College of veterinary science, Khanapara and Association for the promotion of DNA fingerprinting and other DNA technologies held from 30 Jan to 01 Feb, 2018.
- Attended one day National conference-cum-workshop on Emerging Infectious Diseases conducted by Biotechnology Department, MDU on 29 Nov 2017.
- Attended National seminar on Advances in Virology on 28 Sep 2017 conducted by CMBT, MDU.
- Attended Workshop on “Save Ozone Layer” organized by Environment Science Department, MDU on 16th September, 2016.
- Attended National Research Colloquium MFEE-2016 conducted by Microbiology Department on 2nd April, 2016.
- Attended 3rd International Research Colloquium on Interdisciplinary Scope of Microbiology: IRCISM 2015, held on 31st January, 2015, by Department of Microbiology, MDU, Rohtak.
- Participated in Symposium on “Current Trends in Bioinformatics” organized by Bioinformatics Centre, CSIR-IMTECH (6th November, 2015).

- Participated in 2-day Workshop on In-silico Drug Discovery by BioDiscovery Group, 20–21 September, 2014.
- Participated in Conference/Seminar on Molecular Pathology of Human Genetic Diseases held on 23rd August, 2014, in Genetics.
- Attended National Workshop on Bioinformatics, organized by Centre for Biotechnology, Maharshi Dayanand University, Rohtak (2010).
- Completed 6-month dissertation at **National Dairy Research Institute**, under the guidance of Dr. S.K. Sood, Sr. Scientist, Animal Biochemistry Division, NDRI, Karnal, Haryana, India (2009).
Topic: “Development of an ANN-QSAR model to predict the activity of a bacteriocin from its structure.”
- Completed group project at **Banasthali University** during M.Sc. Bioinformatics (3rd Sem) under the guidance of Asheesh Shanker, Sr. Lecturer (Bioinformatics), Banasthali University, Rajasthan (2008).
Topic: “Evolutionary Relationship of Plants Using Sequenced Chloroplast Genomes.”
- 1-month project training at **IBIBIOSOLUTION**, Panchkula, Haryana (2008), India.
Topic: “In-silico Drug Designing for Diabetes Mellitus.”
- Attended the **International Conference on Molecular Biology and Biotechnology (ICMBB-2008)** organized by Banasthali University, Rajasthan, India.
- Participated in the **International Computer Fair and Seminar (COFAS)** held at Lucknow (2003), Uttar Pradesh, India.

PAPER PRESENTATIONS DONE IN NATIONAL/INTERNATIONAL CONFERENCES/SEMINARS/SYMPOSIA:

| Date of Presentation | Details of Conference/Seminar and organizing Institutions | Title of the invited Lecture delivered/Paper Presented | Invited Talk/Paper Presented | Category/Type of Event |
|-----------------------------|--|---|-------------------------------------|-------------------------------|
| 11/19/2013 | 54th Annual Conference of | Development of an ANN- | Paper | International(|

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|------------|--|---|-----------------|--------------------------------|
| | AMI-2013 organized by AMI, NIFTEM and M.D.U, Rohtak | QSAR model to predict the activity of a bacteriocin from its structure | Presented | Within Country) |
| 3/20/2015 | National Conference cum Workshop on Molecular Modeling and Drug Designing organized by Centre for Bioinformatics, M.D. University, Rohtak. | Prediction of potential vaccine candidates of Clostridium botulinum strain Hall A using in silico Reverse Vaccinology approach | Paper Presented | National |
| 11/7/2016 | National Conference on Big data analytics cum Workshop on CADD, CBINF, MDU | Development of SVM based classifiers to identify antimicrobial peptides | Paper Presented | National |
| 2/11/2016 | 2 day National Conference ofn Biotechnology CDLU, Sirsa | Reverse Vaccinology to discover promising vaccine candidates by employing subtractive in silico approach on the proteome of Ebola virus | Paper Presented | National |
| 9/7/2017 | National Seminar on Current Scenario in Forensic Investigative Techniques, Dept. of Genetics , MDU | Applications of Bioinformatics in Forensics | Paper Presented | National |
| 9/15/2017 | National Conference on Emerging Trends in Biochemistry | Development of a SVM based classifier for Identification of Antigenic Proteins. | Paper Presented | National |
| 11/14/2017 | International Conference on Microbes for Health and Wealth, Department of Microbiology, MDU, Rohtak | In-silico vaccine candidate discovery for Ross River Virus based on Reverse Vaccinology studies | Paper Presented | International(Within Country) |
| 1/28/2018 | international Symposium on Biodiversity and Biobanking, BIODIVERSE, IIT, Guwahati,, Assam, India | Biodiversity informatics: digitization of network of diverse life forms | Paper Presented | International(Within Country) |
| 9/22/2022 | 62nd Annual International Conference of Association of Microbiologists of India (AMI) from 21st to 23rd September, 2011 conducted by University of Mysore. | Designing multiepitope vaccine against Yellow fever virus | Paper Presented | International(Within Country) |

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|-----------|---|--|-----------------|--------------------------------|
| 2/3/2023 | 63rd Annual International Conference of Association of Microbiologists of India (AMI) from 2nd to 4th February, 2023 conducted by Maharshi Dayanand University, Rohtak. | Development of a QSAR model for identification of potent antibacterial agents | Paper Presented | International (Within Country) |
| 18/3/2024 | International Conference on current trends in Biological Sciences (18-20, March, 2024) organized by School of Life Sciences, Mizoram University, Mizoram | Three steps screening of Zinc Database entries to identify DNA gyrase inhibitors | Paper Presented | International (Within Country) |

REFRESHER COURSES AND ORIENTATION COURSES ATTENDED:

| S.No. | Course | Duration | Organized by |
|-------|---|-------------|--|
| 1. | Orientation Course | four weeks | UGC-Academic Staff College, H.P. University, Shimla (H.P.) from 02.06.14-28.06.14 |
| 2. | Refresher Course | three weeks | UGC-HRDC Jai Narayan Vyas University, Jodhpur from 03.02.17-22.02.17. |
| 3. | Workshop on Open Source Alternatives in Engineering Studies | 6 days | School of Engineering, GD Goenka University from 6 th to 11 th July 2015 |

| Title of the professional development programme | Date and Duration |
|--|--------------------------|
| Short Term Course/FDP on Cyber Safety, Cyber Crime and Cyber Law Organized by UGC-HRDC, PU, Chandigarh | 10-02-2020 to 16-02-2020 |
| FDP on MOOCs and E-learning Technologies (Online Mode) Organized by FDC, MDU, Rohtak, Haryana | 10-04-2020 to 15-04-2020 |
| 10 Days Instructor Led Live Online FDP on Artificial Intelligence and Machine Learning Using Python Organized by Finland Labs in Association with IIT Roorkee | 28-05-2020 to 06-06-2020 |
| Refresher Course in Data Analytics and Machine | 23-02-2021 to 08-03-2021 |

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|---|--------------------------|
| Learning, Organized by: UGC-HRDC, University of Kerala, Trivandrum, Kerala | |
| GIAN course on “Translational Science for Health-Promotion, Food and Feed” organized by Department of Genetics, MDU, Rohtak | 21-11-2023 to 27-11-2023 |

Publications

1. **M. Dangi**, B. Singh, A. K. Chhillar. Reverse Vaccinology: An Epitope Based Approach to Design Vaccines. *Current Bioinformatics*, 11(5)(2016)537-550.
2. **M. Dangi**, B. Singh, A. K. Chhillar. Reverse Vaccinology to Computationally Screen Antigenic Epitopes as Potential Vaccine Candidates from *Cl. ostriidium botulinum* Strain Hall A. *Current Bioinformatics*, 12(4)(2017)349-360.
3. **M. Dangi**, B. Singh, S. K. Dhanda, R. Chaudhary, A. K. Chhillar. Comprehensive Analysis and Annotation of Available Fungal Allergens for the Presence of T-cell and B-cell epitopes and Development of the SVM Based Classifiers for *in silico* Prediction of Novel Allergen Sequences. *Anti Infective Agents*, 15(2) (2017) 87-94.
4. N. Phougat, **M. Dangi** and A. K. Chhillar. Antibacterial, antioxidant, chemical constituents and cytotoxicity evaluation of *Terminalia arjuna* (Roxb. ex DC.) Wight & Arn. *Asian J Pharm Clin Res*, 10(2017)1-6.
5. R. Chaudhary, M. Balhara, D. Jangir, M. Dangi, **M. Dangi**, S. Khatri, A. K. Chhillar. The *Sesamum indicum* Rhizosphere Associated Bacterium: A Source of Antifungal Compound. *Current Topics in Medicinal Chemistry*, 18(1) (2018) 88-97.
6. R. Chaudhary, M. Balhara, M. Dangi, **M. Dangi**, A. K. Chhillar. Rhizosphere microbiome: An emerging frontier in causing and curing infectious diseases. *Asian Journal of Pharmaceutical and Clinical Research*, 11(2018)65-69.
7. R. Bhatnager, **M. Dangi**, A. S. Dang. Comprehensive analysis of damage-associated single-nucleotide polymorphisms of sex hormone-binding globulin gene. *Journal of Applied Biology & Biotechnology*, 6(05)(2018)1-11.
8. P. Narang[#], **M. Dangi**[#], D. Sharma, A. Khichi, A. K. Chhillar. An Integrated Chikungunya Virus Database to Facilitate Therapeutic

Analysis:ChkVDb.*CurrentBioinformatics*,14(2019)323-332.

#Bothauthorscontributedequally

9. R. Chaudhary, M.Balhara, D. K.Jangir, M.Dangi, **M.Dangi**, A. K.Chhillar. InSilico ProteinInteractionNetwork Analysis of Virulence Proteins AssociatedwithInvasiveAspergillosisforDrug Discovery.*CurrTopMedChem*.19(2)(2019)146-155.
10. **MDangi**,AKhichi,RJakhar,AKChhilar.GrowingPreferencetowardsAnalog-basedDrugDiscovery.*CurrentPharmaceuticalBiotechnology*(2020)<https://doi.org/10.2174/1389201021666200908121409>
11. R Jakhar, **M Dangi**, AKhichi, AK Chhillar.RelevanceofMolecularDockingStudiesinDrugDesigning.*CurrentBioinformatics*15(4),(2020)270-278
12. S Ahlawat, R Chaudhary, M Dangi, K Bala, M Singh, AK Chhillar. S Ahlawat, RChaudhary, **M Dangi**, K Bala, M Singh, AK Chhillar. Advances in tuberculousmeningitisdiagnosis.*ExpertReviewofMolecularDiagnostics*20(12)(2020)1229-1241
13. NamitaSharma,AnilKumarChhillar,SweettyDahiya,ArunaPunia,PoojaChoudhary,PrityGulia,AkankshaBehl,**MehakDangi**.Chemotherapeutic StrategiesforCombatingStaphylococcusaureusInfections.*MiniReviewsinMedicinalChemistry*(2021)DOI:10.2174/1389557521666210402150325.
14. RituJakhar, AlkaKhichi, Dev Kumar, **MehakDangi**, and Anil Kumar Chhillar. Discovery of Novel Inhibitors of Bacterial DNA Gyrase Using a QSAR-Based Approach. *ACS Omega* (2022) DOI: 10.1021/acsomega.2c04310
15. RituJakhar, AlkaKhichi, Dev Kumar, KiranSura, Bhoomika, **MehakDangi**, and Anil Kumar Chhillar. Development of pharmacophore model to identify potential DNA Gyrase inhibitors. *Journal of Biomolecular structure and dynamics*. (2022)
16. Jasmine Arya, Divya Sharma, Dev Kumar, RituJakhar, AlkaKhichi, **MehakDangi**, Anil Kumar Chhillar. Comparative genome analysis of Streptococcus strains to identify virulent genes causing neonatal meningitis. *Infection, Genetics and Evolution*. (2022)
17. AnnuVerma, RituJakhar, Dev Kumar, Vijay Kumar, Twinkle Dhillon, **MehakDangi**, **Anil Kumar Chhillar**. A computational approach to discover antioxidant and anti-inflammatory attributes of silymarin derived from *Silybummarianum* by comparison with hydroxytyrosol. *Taylor & Francis Online* (2022)

18. Sura, K., Rohilla, H., Kumar, D., (...), **Dangi, M.**, Chhillar, A.K. Exploring structural antigens of yellow fever virus to design multi-epitope subunit vaccine candidate by utilizing an immuno-informatics approach. **Journal of Genetic Engineering and Biotechnology** 21(1),161(2023)
19. Khichi, A., Jakhar, R., Dahiya, S., (...), **Dangi, M.**, Chhillar, A.K. In silico and in vitro evaluation of designed fluconazole analogues as lanosterol 14 α -demethylase inhibitors. **Journal of Biomolecular Structure and Dynamics**. (2023)
20. Vaishali Ahlawat, Mehak Dangi and Anil Kumar Chhillar. (2024) Epitope-based Vaccine development: A detailed overview from *in-silico* vaccine design to wet lab validation. **Chemical Biology Letters**, 11(4), 675. **(Accepted)**
21. Vaishali Ahlawat, Kiran Sura, Bharat Singh, Mehak Dangi and Anil Kumar Chhillar* (2024) Bioinformatics Approaches in the Development of Antifungal Therapeutics and Vaccines. **Current Genomics**. DOI: [10.2174/0113892029281602240422052210](https://doi.org/10.2174/0113892029281602240422052210) **(Accepted)**
22. Sudesh Kumari, Pooja Choudhary, Vaishali Ahlawat, Mehak Dangi and Anil Kumar Chhillar*. (2024) Antifungal Potential of Endophytic Metabolites Derived from Staphylococcus: An In-Vitro and In-Silico Approach. **Current Bioactive Compounds** DOI: [10.2174/0115734072305513240515095554](https://doi.org/10.2174/0115734072305513240515095554) **(Accepted)**
23. Duhan, L., Kumari, D., Naime, M., (...), Dangi, M., Pasrija, R. (2024) Single-cell transcriptomics: background, technologies, applications, and challenges. **Molecular Biology Reports**, 51(1),600 **(Accepted)**
24. Manoj Soni. Yangala Sudheer Babu, Mettle Brahma, Vijay Kumar, Mulaka Maruthi, Aastha Sharma, Shikha Nara, Kiran Sura, Mehak Dangi. (2024) Phytochemical-Mediated Modulation of Cancer-Associated Proteins: An Integrated In-Silico and In-Vitro Study. **Natural Product Research**. **(Accepted)**
25. Sudesh Kumari, Prity Gulia, Pooja Chaudhary, Ritu Pasrija, Mehak Dangi and Anil Kumar Chhillar*. (2024) Evaluation and Characterization of endophytic bacteria from Capparis deciduas(Forssk.) Edgew. For their antifungal and antioxidant activities. **Journal of Applied Biology and Biotechnology**.
26. Ahlawat, Vaishali (58741184400); Sura, Kiran (58018603200); Dangi, Mehak (57202052596); Chhillar, Anil Kumar. Designing of multi-valent epitope vaccine displaying interactions with diverse HLA alleles against *Candida auris* using immuno-informatics. (2025) **Journal of Genetic Engineering and Biotechnology**, 23 (1), art. no. 100474. DOI: 10.1016/j.jgeb.2025.100474

27. Ahlawat, Vaishali (58741184400); Sura, Kiran (58018603200); Khan, Soaib (59706889800); Jakhar, Ritu (57217133983); Dangi, Mehak (57202052596). Repurposing of FDA-approved drugs as potential DNA Gyrase Inhibitors. (2025) Journal of Integrated Science and Technology, 13 (5), art. no. 1112. DOI: 10.62110/sciencein.jist.2025.v13.1112
28. Soni, Manoj (59255834600); Kumar, Awadhesh (57198890947); Kumar, Rakesh (59441192400); Dangi, Mehak (57202052596); Kumar, Ajit (56387789000); Kumar, Vijay. Focusing on Keap1, IKK β , and Bcl2 proteins: predicted targets of stigmasterol in neurodegeneration.(2025) Journal of Receptors and Signal Transduction, 45 (2), pp. 83 – 94. DOI: 10.1080/10799893.2025.2465243

BOOK CHAPTERS:

1. SweetyDahiya, ArunaPunia, PoojaChoudhary, Namita Sharma, MeenakshiBalhara,**MehakDangi**, Anil Kumar Chhillar. Publisher: *CRC Press*. Name of Book: Advancesin Animal Disease Diagnosis. Chapter: Diagnostic Tools for the Identification of Foot-and-MouthDiseaseVirus(193-203).EditedBy:SureshKumarGahlawat,SushilaMaan (2021).eBookISBN:9781003080282
2. PoojaChoudhary, ArunaPunia, SweetyDahiya, Namita Sharma, MeenakshiBalhara,**MehakDangi**, Anil Kumar Chhillar. Publisher: *CRC Press*. Name of Book: Advancesin Animal Disease Diagnosis. Chapter: Recent Trends in Diagnosis of CampylobacterInfection(219-228) Edited By: Suresh Kumar Gahlawat, SushilaMaan (2021). eBookISBN:9781003080282
3. ArunaPunia, PoojaChoudhary, SweetyDahiya, Namita Sharma, MeenakshiBalhara,**MehakDangi**, Anil Kumar Chhillar. Publisher: *CRC Press*. Name of Book: Advancesin Animal Disease Diagnosis. Chapter: Current Diagnostic Techniques for Influenza(181-191). Edited By: Suresh Kumar Gahlawat, SushilaMaan (2021). eBook ISBN:9781003080282
4. **M. Dangi**, R. Jakhar, S. Deswal and A. K. Chhillar. Publisher: *Springer*. Name ofbook:NutritionalQualityImprovementinPlants.Chapter16:RoleandApplicationsof Bioinformatics in Improvement of Nutritional Quality and Yield of Crops Editors:Jaiwal, P.K., Chhillar, A.K., Chaudhary, D., Jaiwal, R. (Eds.) (2019)ISBN: 978-3-319-95353-3
5. **M. Dangi**, R. Kumari,B. Singh,A. K.,Chhillar. Publisher: *Springer*. Name of book:Bioinformatics:Sequences,Structures,Phylogeny,Editor:AsheeshShankerCHAPT ERNo.15:Advancedin-silicotoolsfordesigning ofantigenicepitope aspotentialvaccinecandidatesagainstCoronavirus.(2018)ISBN:978-981-13-1562-6

LIFE MEMBERSHIPS

- Life Member of ALUMNI Association, MDU.
- Life Member of Association of Microbiologists of India.

CONTRIBUTION TO DEPARTMENTAL ACTIVITIES:

- Department level coordinator for various bodies like
 - CCPC
 - IQAC
 - ABC
 - Alumni
 - DLC etc.
- Member of the following committees of the department:
 - Admission Committees for M.Sc. and Ph.D. admissions
 - PGBOS
 - Member of Faculty of Life Sciences
 - DC, DRC, RAC
 - Grievances Redressal committee
 - Purchase committees

2014-18

- Member of Organizing Committee of National Workshop on Medical Bioinformatics held from 13 to 14th Dec 2013 at CBINF, MDU.
- Organizing secretary of National Workshop on “Developing Bioinformatics Skills” held on 29th March 2014 in CBINF, MDU.
- Member of inspection committee for Laxmi College of Education, Sidhrawali Gurgaon.
- Member of inspection committee for Rao Mool Chand College of Education Mohindergarh.
- Member of Selection Committee for Research Personnel in DBT-BIF (2014-2015)
- Judge for Declamation Competition in Zoology Department held on 5/10/2015
- Co-chair Poster Making Competition in Centre for Biotechnology held on 14/09/2017
- Member of Organizing Committee of National Conference on Big Data Analytics cum Workshop Computer aided drug designing held from 7 to 8th Nov 2016 in CBINF, MDU

- Member of Faculty of Life Sciences (2016-2017)
- Judge for Poster Making Competition in Environment Sustainability Management Cell, MDU held on 06/02/2018
- Event organizer in Bioinfofest-2018 held on 15th to 17th March, 2018 in CBINF, MDU.
- Member of organizing committee for National conference on Recent Advancements in Bioinformatics held during Bioinfofest 2018.

2018-19

- Member of Faculty of Life Science 2019
- Member of the M.Sc. and Ph.D. admission committee (2018-19)
- Departmental Examination Incharge
- Member of the Scrutiny Committee for the C Relections Oct 2018.
- Member of the Inspection Committee for the J.R. Kissan College of Education
- ORGANIZING SECRETARY of the BIOINFOFEST 2019 organized by CBINF, MDU (07-09 March 2019)
- Compiled 7 NAAC criterion of the CBINF for preparation of NAAC self study Report of MDU (NAAC 2019)
- Delivered an Expert Lecture in Biotechnology Engineering, UIET, MDU on "Introduction to Phylogenetic Analysis" for B.Tech and M.Tech. students of the department. (11/04/2019)
- Organizer of the Online Lecture in CBINF on "Bioinformatics: A new era of Life Sciences" by Dr. Sandeep Dhanda on 28/Aug/2018.
- Member of Inauguration and Stage Committee of "3 days workshop on Entrepreneurship Awareness Camp" conducted by MDU and HVSU in Conference Hall, Swaraj Sadan (19 to 21 Sep 2018)
- Session Coordinator Day 3 Session I of "3 days workshop on Entrepreneurship Awareness Camp" conducted by MDU and HVSU in Conference Hall, Swaraj Sadan (19 to 21 Sep 2018)
- Member of Local Organizing Committee of "National Conference on Global Climate Change: Concerns and Solutions" organized by ESM Cell MDU. (15-16 Feb, 2019)
- Judged Poster Making Contest in CMBT on 4th Feb 2019.

2019-2023

- Organizer Sports Meet 2019 in CBINF (5/Sep/2019)

- Judged Poster Making Contest on World Heart Day organized by CMBT on 28th Sep 2019.
- Judged Caption Contest on theme Lifestyle and Diabetes on 14-11-2019 organized by CMBT, MDU.
- Joint Organizing Secretary of the Bioinfo FEST 2020 organized by CBINF, MDU(24-26, Feb 2020)
- Member organizing Committee Rang Bahar 2020 organized on 29th Feb,2020.
- Member of Organizing committee of MEGA JOB FAIR organized by CCPC, MDU in collaboration with Director Employment Office Haryana on 15-16 July 2019.
- Hosted Placement Awareness Meet 2020 organized by CCPC, MDU in association with InfoSys (7th Feb/2020).
- Organizer of the Online Lecture in CBINF on “Machine Learning in Bioinformatics and Career options in Bioinformatics ” by our alumni Dr. Piyush Agarwal on 10/01/2020
- National Conference on Recent Advancements on Protein Bioinformatics cum Workshop on Protein Modeling and Assessment 24-25 Feb 2020.
- Judged the PPT contest on occasion of “National Paper Bag Day” on 12/07/21 organised by Department of Environmental Sciences, MDU.
- Judged poster making contest a virtual contest on “ShikshitNari: Unnatiavemvikaskidhurri” organized by women’s study centre, MDU, on March 19, 2021.
- Judged slogan writing competition on World Sustainability Energy Day on 27/02/2021 organized by ESM cell, MDU.
- Performed Coordinator duty in Competitions organized during RangBahar-2021 in MDU on March 19,2021.
- Invited Speaker in online workshop on “Careers and Opportunities for Women in STEM-2021 organised by WIS Forum, KU, Kurukshetra on 18-09-2021 (2 lectures).
- Department Coordinator for Induction Programme of Ph.D. students (8-9, Feb,2021)
- Member of inspection Committee for Ganga College of Education, Jhajjar (2nd Aug, 2021)
- Member of inspection Committee for Bhartiya Degree College, Mohindergarh (17th Feb, 2021)
- Member of inspection Committee for Tika Ram Girls College, Sonipat (19th Dec,

2020)

- Hosted 7 days Online Compulsory Workshop on Research Methodology from 4th May to 10th May 2020 organized by Ch. Ranbir Singh institute of Socio and Economic Change, MDU, Rohtak (Session Coordinator for Day 1)
- Judged the event “Spread a word” conducted by CMBT, MDU on 05/Feb/2022.
- Judged slogan writing competition on World Environment day on 04/06/2022 organized by Department of Environmental Sciences, MDU.
- Performed Coordinator duty in Competitions organized during RangBahar-2022 in MDU on March 02,2022.
- Member of Stage V committee in 40th International Youth Festival 2021-22 held from 25-27, March 2022.
- Member of Coordination, Information and Invitation Committee for Grand Alumni Meet held on 09/04/2022 at MDU.
- Organized a lecture on “Psycho-Social Competences in Education after COVID” by Prof. Shalini Singh on 13/08/2021 in CBINF, MDU
- Participated in the 42nd National Veteran Athletic Championships-2023, Organized by Karnataka Masters Athletic Association from 27 to 30th March 2023.
- Judged Poster making competition during of celebration of World Ozone day, 2022 held on 16 Sep, 2022 organized by Department of Environmental Sciences, MDU.
- Hosted the Inauguration of 63rd Annual International Conference of AMI organized from 2nd to 4th Feb 2023 by MDU and was also the member of Cultural and stage Committee.
- Coordinator of Decoration Committee for Rang Bahar 2023 held on 18/Feb/2023.
- Hosted the Inauguration and Valedictory of One Week Research Methodology workshop organized from 13 to 17 March 2023 at SwarajSadan, MDU.
- Hosted National Workshop on Extramural Research Funding: Opportunities & Challenges organized from 14-15 Oct 2022 at SwarjSadan MDU. And Sponsored by UGC under STRIDE program Component-I.
- Organizer of the Expert lecture in CBINF delivered by Dr. Sandeep Dhanda on 17/10/2022

EDUCATIONAL TOURS:

- Educational Tour incharge to Manali from 26 Feb to 1 March, 2023(MSc.Bioinfo).
- Accompanied Research Scholars to CSIR-IHBT, Palampur from 6-8 Nov, 2022 for organizing a capacity building program on “Advance Scientific Laboratory and Instrumentation under UGC-STRIDE.
- TourInchargeEducationaltourof(MSc.Biotechnology PreandFinal)studentstoDhanchaulifrom 4Oct2019to7OCT2019.
- Incharge of YLT Camporganized by DSW, MDU from 11 to 19 June 2019 (Dhanachauli)
- Educational Tour Incharge to Dalhousie for students of English Department (10 to 15 Oct, 2017).
- TourInchargeofEducationaltourof(MSc.Bioinfo)studentstoManalifrom 13Oct2016to18OCT2016.
- TourInchargeEducationaltourof(MSc.Bioinfo)studentstoDhanchaulifrom 1Oct2015to5OCT2015
- TourIncharge Educationaltourof(MSc.Med. Biotech and Bioinfo)studentsto Dhanchaulifrom 5Feb to9Feb 2014.

PersonalDetails:

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