


CURRICULUM VITAE

NAME	Dr. Nidhee Chaudhary	
DESIGNATION	Professor & Head Centre for Biotechnology & Biochemical Engineering Head, Innovation & Entrepreneurship Cell Amity Institute of Biotechnology Amity University Uttar Pradesh, Noida-201313	
EMAIL ID	nchaudhary@amity.edu	
CONTACT NUMBER	+91-0120-4392598	
RESEARCH INTERESTS	Industrial & therapeutic enzymes: Characterization and Application studies targeting industrial purposes and various ailments viz.; cancer, aging-related diseases; Bioprocess Technology; Wealth from Waste; Value added Products	

EDUCATIONAL QUALIFICATIONS:

Name of College / University	Degree	Year
C.C.S. University	Ph. D.	2003
I.I.T. Roorkee, Roorkee	M. Phil. (University Gold Medalist)	1996
C.C.S. University	M. Sc. (Gold Medalist)	1995
Meerut University	B. Sc. (Gold Medalist)	1993

OTHER QUALIFICATIONS:

- National Eligibility Test (NET) Qualified
- U. P.-State Lecturership Eligibility Test (UP-SLET) Qualified

Title of Ph.D. thesis: Production and characterization of fungal cellulase and its use in biodegradation of lignocellulosic waste

EXPERIENCE (in chronological order)

Designation	Type of post held (teaching/ research)	Name of the Institute	Year (From-To)
Professor	Administration, Teaching & Research	Amity University Uttar Pradesh Sector-125, Noida-201313	01-02-2010- Till date
Assistant Professor	Teaching & Research	Amity University Uttar Pradesh Sector-125, Noida-201313	01-07-2008 to 31-01-2010
Senior Lecturer	Teaching & Research	Amity University Uttar Pradesh Sector-125, Noida-201313	01-09-2007 to 30-06-2008
Lecturer	Teaching & Research	Amity University Uttar Pradesh Sector-125, Noida-201313	25-08-2006 to 31-08-2007
Director (Offg.)	Administration, Teaching & Research	D. A. V. (PG) College Muzaffarnagar-251001	May 2006-Aug 2006
Lecturer	Administration, Teaching & Research	D. A. V. (PG) College Muzaffarnagar-251001	2000-2006
Lecturer	Teaching	D. A. V. (PG) College Muzaffarnagar-251001	1997-2000

ADMINISTRATIVE ACTIVITIES:

Administrative/ Academic Experience: 28 years

- Head, Centre for Biotechnology and Biochemical Engineering, AIB: April

	<p>2015-Till date</p> <ul style="list-style-type: none"> • Head, Innovation & Entrepreneurship Cell, AIB: 2018- Till date • Member, University Committee for Promotion of Innovation and Startups, (July 2, 2021- Till date) • Head, Innovation & Entrepreneurship Cell, AIB: 2018-Till date • Member, Faculty Research Committee (FRC) Board, AIB • Special Committee to examine the Minutes of Meetings of Area Advisory Board (AAB) and Board of Studies (BoS) (June 2023 Till date) • Member, Board of Studies (BoS), AIB: 2010-Till date • Member, Area Advisory Board (AAB), AIB: 2015-Till date • Member, Departmental Research Committee (DRC) AIB (2019- Till date) • Chairperson, Student Research Committee (SRC), CBBE, AIB: 2015-Till date • Member, Course Advisory Committee (CRC), AIB: 2015-Till date • Member, Programme Review Outcome Assessment Committee (PROAC), AIB: March 2018-Till date • Member, Institute Discipline Committee, AIB: 2015-Till date • Member, Institute Grievance Committee, AIB: 2015-2022 • Member, Moderation Board, Examination, Bio Sciences & Biotechnology, AIB: 2015-Till date • Member, Interview Board, AIB: 2007-Till date • Member, PhD Interview Board, AIB: 2017-Till date • Core Committee Member (Research & Innovation), WSCUC (September 2022) • Member, Area Advisory Board (AAB) (Internal), Amity Institute of Applied Sciences (AIAS): 2019- Till date • Member (Vice Chancellor Special Invitee) Departmental Research Committee (DRC), Amity Institute of Virology (AIVI) (2017-2019) • Coordinator, Industrial Biotechnology Research Group (2019-2021) • Member NAAC Team, AIB: 2018 (CBBE), AIB • Coordinator, External Evaluation of B. Tech. Program, 2018 • Member QAA Team, AIB: 2018 • Member WASC Team, AIB: 2018 • Member, Internal Audit and Assessment Committee (IQAC), AIB (2012-2014) • Member, Corporate Resource Centre (CRC) (Placement Committee), AIB: 2007-2011 • Program Co-ordinator, MBA (Biotechnology), AIB (2007-2008) • Convenor, Website Committee, AIB (2006-2012) • Mentor • Director (Offg.), Department of Biosciences, D.A.V. (PG) College, Muzaffarnagar (2006) • Member, Interview Board, Faculty Recruitment Panel, Principal's nominee, D.A.V. (PG) College, Muzaffarnagar (2005-2006) • Academic & Administrative coordinator Department of Biosciences, D.A.V. (PG) College, Muzaffarnagar: 05 Years (2000-2005)
ACADEMIC INITIATIVE:	<ul style="list-style-type: none"> • LSSSDC Skill Enhancement Course-Quality Control-Chemist-Microbiologist- B. Tech. (Biotech.)

	<ul style="list-style-type: none"> LSSSDC Workshop Skill Enhancement-Quality Control- Microbiologist- B. Tech. + M. Tech. (Biotech.)
TECHNOLOGY TRANSFERRED-01 PIPELINE: 02	<ul style="list-style-type: none"> Technology 'Novel Protease Enzyme for Food and Beverages Industry' transferred to Balaji Enzymes and Chemicals Pvt. Ltd., Thane, Maharashtra based Start-up company (Mr. Abhay Kainya, Founder & Director) (March 6, 2023) Technology based on Novel enzymes in other sectors like-pharma, animal feed etc.
PROJECT DETAILS:	<p>Government Funded Project Details:</p> <p>Project Selected:</p> <ul style="list-style-type: none"> Project entitled "Development of Novel Plant Superoxide Dismutase (SOD)-based Therapeutics against Lung Cancer" for Translation and Commercialization under ATRACT-Life Program (Accelerating Translation of Research and Commercialization of Technologies in Life Sciences' Program) to C-CAMP (Centre for Cellular and Molecular Platforms, DBT, Gov) <p>Project Completed (Principal Investigator):</p> <ul style="list-style-type: none"> Project entitled "Studies on the effect of plant superoxide dismutases on human cancer cells: Molecular and <i>in silico</i> analysis" sanctioned by DBT (Bio-CARe) [BT/Bio-CARe/03/10237/2013-14] (30.75 Lakhs).
NO. OF PH.D. STUDENTS SUPERVISED: 08	<p>PhD Students under Supervision: Total-08 Awarded: 07 Ongoing: 01</p> <p>PhD Scholars under Supervision: 01</p> <ol style="list-style-type: none"> Ms. Lubna Siddiqui (Regn. August 2021)- Purification and Characterization of Heterologously Expressed Superoxide Dismutase from Selected Ayurvedic Herbs & Spices: <i>In vitro</i> Anticancer and Anti-aging potential <p>PhD Supervised-Awarded: 07</p> <ol style="list-style-type: none"> Mr. Kanagarethinam (2016-2022)- Effect of plant protein tyrosine phosphatase and its inhibitors on human cancer cells: Biochemical and <i>in silico</i> analysis Ms. Neetu Jabalia (2018)- Molecular characterization of protease isolated from <i>Zingiber officinale</i> rhizome: Effect on human cancer cell lines Ms. Deepali (Regn. Date: July 2015)- Functional genomics analysis of drought stress tolerance in Indian wheat cultivars Shaily Tyagi (Regn. Date: July, 2018)- Molecular basis of resistance in <i>Cajanus platycarpus</i> against pod borer Ms. Seema Raj (2016)- To determine optimum fuel efficiency of biodiesel plant (<i>Jatropha curcas</i>) with respect to heavy metal uptake from fly ash Ms. Nameet Kaur (2015)- Characterization of Superoxide dismutase from selected plants Ms. Payal Mittal (2010)- Kinetic studies on the inhibition of protein tyrosine phosphatases by oxyanions and thiol-specific alkylating agents
No. of M. Phil. thesis supervised	<p>Awarded: 01</p> <ol style="list-style-type: none"> Ms. Seema Raj (2008)- Production of citric acid from molasses
M. Tech. Dissertation supervised	47

M.Sc. Dissertation supervised	100
MBA Project	01
B. Tech. + M. Tech. (Dual) Dissertation	18
B. Tech. Project supervise	61
B. Sc.	11
PATENTS:15	<ol style="list-style-type: none"> Nidhee Chaudhary, Alok. K. Sinha, Maryam Sarwat, Lubna Siddiqui Method for Evaluating Cytotoxic effect of Superoxide Dismutase from Cinnamomum verum on Hep3B" (Complete Patent- ACN1361-Temp). Nidhee Chaudhary, Alok. K. Sinha, Maryam Sarwat, Lubna Siddiqui Method For Inducing Cytotoxicity In Human Liver Cancer Cells' (Complete Patent Application No. 202511036492; 11-04-2025) Nidhee Chaudhary A method for milk clotting using thermostable protease from Zingiber officinale var. Rejatha. (Ginger)' (Application No.- 202411050963) Nidhee Chaudhary, Alok. K. Sinha, Maryam Sarwat, Lubna Siddiqui "Cosmeceutical Formulations Incorporating Novel Superoxide Dismutase (SOD) purified from Culinary Ayurvedic Herb for Enhanced Skin Health and Anti-Aging Properties" (Patent Application No.- 202411007646) Nidhee Chaudhary "A method of preparation of protein supplement from agrowastes using novel endoglucanase enzyme' (Patent Application No.- TEMP/E-1/16123/2023- DEL) Nidhee Chaudhary "A novel endoglucanase enzyme isolated from Trichoderma viride for bioconversion of agrowastes into citric acid" (Reference Application No.- 202311012097; (Published) Nidhee Chaudhary, Selvaraj Kanagarethinam "A method for exhibiting cytotoxic effect of a novel protein tyrosine phosphatase isolated from Piper nigrum against HeLa" (Patent Application No. 202211072251 (Published) Nidhee Chaudhary, Selvaraj Kanagarethinam "In vitro anticancer potency of PTPase from Piper nigrum, against human breast adenocarcinoma (MDA-MB-231) cells and method thereof (Patent Application No.- 202211021126) Nidhee Chaudhary, Selvaraj Kanagarethinam 'A method of antiproliferation of breast cancer cells using o-phospho-L-tyrosine specific phosphatase from black pepper'(Patent Application No.- 202211008855) (Published Nidhee Chaudhary, Selvaraj Kanagarethinam 'A method for evaluating cytotoxic effect of novel thermostable protein tyrosine phosphatase against Siha, human cervical cancer cells' (Patent Application No.- 202111048166) Published Nidhee Chaudhary, Selvaraj Kanagarethinam, Deepshikha Pande Katare A method for isolating thermo-resistant superoxide free radical scavenging enzyme from Ajwain and its growth inhibitory effect against human cervical cancer cells (HeLa) (Patent Application No.- 202011020448; (RFE filed) Nidhee Chaudhary, Selvaraj Kanagarethinam Cytotoxic Effect of Novel Thermostable Superoxide Dismutase Purified from Trachyspermum ammi (Ajwain) against Human Lung Cancer Cells (A549) (Patent Application No.-201911016664) (RFE filed) Nidhee Chaudhary, Neetu Jabalia Cytotoxic Effect of Novel Thermostable Protease Purified from Ginger (Zingiber officinale var. Rejatha) on MCF-7; Human Breast Cancer Cell

	<p>line (Patent Application No.-201711024349) (RFE filed)</p> <p>14. Nidhee Chaudhary, Nameet Kaur, Subhash Chand A thermally stable Superoxide dismutase enzyme isolated from Black cardamum (<i>A. subulatum</i>) exhibiting cytotoxicity against human breast cancer cell line (MCF-7) (Patent Application No.-201711019088) (RFE filed)</p> <p>15. Nidhee Chaudhary, Nameet Kaur, Subhash Chand Thermostable superoxide dismutase enzyme purified from black cardamum (<i>A. subulatum</i>) for cytotoxic effect on HepG-2; human liver cancer cells (Patent Application No.-201611036657) (IN GRANT-NBA Awaited)</p>
NOVEL MOLECULES DISCOVERED (ENZYMES)	<ol style="list-style-type: none"> 1. PQ604698 (November, 2024) Novel Super oxide dismutase with Gene sequence submitted in GenBank 2. PXD033138 (April 11, 2022) Novel amino acid sequence (mass spectrometry proteomics data) entitled "Molecular analysis of Protein tyrosine phosphatase purified from Piper nigrum" submitted to ProteomeXchange Consortium via the PRIDE partner repository 3. PXD028340 (September 2021): Novel amino acid sequence (mass spectrometry proteomics data) entitled "Biochemical and Molecular Characterization of Protein Tyrosine Phosphatase Enzyme Isolated from Black Pepper (<i>Piper nigrum</i>)" submitted to ProteomeXchange Consortium via the PRIDE partner repository 4. PXD011955 (December 2018): Novel amino acid sequence (mass spectrometry proteomics data) entitled "Molecular analysis of Super oxide dismutase purified from <i>Trachyspermum ammi</i>" submitted to ProteomeXchange Consortium via the PRIDE partner repository 5. PXD011886 (November 2018): Novel amino acid sequence (mass spectrometry proteomics data) entitled "Biochemical and Molecular characterization of Superoxide dismutase enzyme purified from Ajwain (<i>Trachyspermum ammi</i>)" submitted to ProteomeXchange Consortium via the PRIDE partner repository 6. PXD006364 (April 2017): Novel amino acid sequence (mass spectrometry proteomics data) of protease isolated from <i>Zingiber officinale</i> rhizome submitted to ProteomeXchange Consortium via the PRIDE partner repository 7. PXD001475 (November 2014): Novel amino acid sequence (mass spectrometry proteomics data) of Superoxide dismutase enzyme isolated from <i>Amomum subulatum</i> has been successfully submitted to ProteomeXchange Consortium via the PRIDE partner repository 8. P85218 (July 2007) Novel N-terminal amino acid sequence of an endoglucanase enzyme isolated from <i>Trichoderma viride</i> recognized and entered in an International Protein Repository- Universal Protein Resource (UniPROT)
PUBLICATIONS Research Papers-66 Publications in Conference Proceedings:11 Book Chapters:11 (+1 in press)	<p>Publications:</p> <ol style="list-style-type: none"> 1. Balvinder Shukla, Nidhee Chaudhary, Smriti Shrivastava, Manoj Joshi and R. Sujatha Role of Knowledge and Innovation-driven Bioeconomy towards Sustainable Development: A Futuristic Perspective. <i>Economics of Innovation and New Biotechnology. Current Trends in Biotechnology and Pharmacy</i> (Under Review) Web of science, Scopus 2. Khyati Shukla, Aakash Khurana, Ogireddy Sri Apoorva, Nidhee Chaudhary (2025) Inhibition Kinetics and Biochemical Characterization of Protease Purified from <i>Amomum Subulatum</i> as a Medicinal Herb. <i>Journal of Plant Biochemistry and Biotechnology</i> (Under Review) Web of science, Scopus 3. Rajeev Kumar, Souraja Datta Majumder, Shruti Agarwal, Anshuman Shah, Vishal Haribhai Patel, Nidhee Chaudhary and Ravi Kant Singh (2025) A Comprehensive

**Abstract published:
85 (National &
International
Conferences)**

INVITED LECTURES: 08

**CONFERENCES/
WORKSHOPS/COURSES/
SEMINARS/WEBINARS/S
YMPOSIUMS/FDPS
PARTICIPATED: 185**

Review on Sustainable Molecular Pharming of Plant Based Pharmaceuticals: Challenges and Future Prospects. Journal of Natural Remedies. June issue (Accepted) Web of science, Scopus (Accepted)

4. **Nidhee Chaudhary**, Bellam Kiranmayee (2025) Non-Receptor type Protein Tyrosine phosphatases and their role in controlling pathways related to Hepatocellular Carcinoma" Current Pharmaceutical Biotechnology, 26 (5), 654-664, Feb 28. doi: 10.2174/0113892010288624240213072415. PMID: 38424416. [2.837] ISSN (Print): 1389-2010 ISSN (Online): 1873-4316 Publisher-Bentham Science Indexed/Abstracted in: Web of science, Scopus, Pubmed
5. Ogireddy Sri Apoorva, Khyati Shukla, Aakash Khurana and **Nidhee Chaudhary*** (2024) Proteases: Role in Various Human Diseases Current Pharmaceutical Biotechnology, 25, 17, 2024, Sep 23 DOI: 10.2174/0113892010316162240910103659 Epub ahead of print. PMID: 39318008 [2.837] ISSN (Print): 1389-2010 ISSN (Online): 1873-4316 Publisher-Bentham Science Indexed/Abstracted in: Web of science, Scopus, Pubmed
6. **Nidhee Chaudhary**, Bellam Kiranmayee (2024) Non-Receptor type Protein Tyrosine phosphatases and their role in controlling pathways related to Hepatocellular Carcinoma" Current Pharmaceutical Biotechnology, XXXX, XX, 1-11 Feb 28. doi: 10.2174/0113892010288624240213072415. Epub ahead of print. PMID: 38424416. [2.837] ISSN (Print): 1389-2010 ISSN (Online): 1873-4316 Publisher-Bentham Science Indexed/Abstracted in: Web of science, Scopus, Pubmed
7. Deepali Upadhyay, Neeraj Budhlakoti, Jyoti Kumari, **Nidhee Chaudhary**, Jasdeep Chatrath Padaria, Sindhu Sareen, Sundeep Kumar (2023). In?silico characterization of drought stress related WRKY2 transcription factor in wheat crop (Triticum aestivum L.): Study of its physico?chemical properties and structural dynamics. Genetic Resources and Crop Evolution. 17 August 2023 DOI:10.1007/s10722-023-01706-5 [IF-2.0] Publisher- Springer Nature Indexed/Abstracted in: Web of science, Scopus
8. Deepali Upadhyay, Neeraj Budhlakoti, Dwijesh C. Mishra, Jyoti Kumari, Vijay Gahlaut, **Nidhee Chaudhary**, Jasdeep Chatrath Padaria, Sindhu Sareen & Sundeep Kumar (2023) Characterization of stress-induced changes in morphological, physiological and biochemical properties of Indian bread wheat (Triticum aestivum L.) under deficit irrigation. Genetic Resources and Crop Evolution. 04 August 2023 <https://doi.org/10.1007/s10722-023-01693-7>. [IF-2.0] Publisher- Springer Nature Indexed/Abstracted in: Web of science, Scopus
9. **Nidhee Chaudhary**, Monendra Grover (2023) Bioindustrial applications of thermostable Endoglucanase purified from Trichoderma viride towards the conversion of agrowastes to value-added products. Protein Expression and Purification Vol 211 November 2023, 106324 DOI: 10.1016/j.pep.2023.106324 [IF-2.1] Online ISSN: 1096-0279 Print ISSN: 1046-5928 Publisher-Elsevier Indexed/Abstracted in: Web of science, Scopus Pubmed
10. Zinal Roy; Raveena Bansal; Lubna Siddiqui, **Nidhee Chaudhary** (2022) Understanding the Role of Various Antioxidant Enzymes in Diseases Caused by Free Radicals and Their Therapeutic Potential. Current Pharmaceutical Biotechnology, 24(10):1265-1276 [IF-2.837] Nov 2022, DOI: 10.2174/1389201024666221121160822 ISSN (Print): 1389-2010 ISSN (Online): 1873-4316 Publisher-Bentham Science Indexed/Abstracted in: Web of science, Scopus Pubmed
11. Shaily Tyagi, Maniraj Rathinam, Narasimham Dokka, **Nidhee Chaudhary**, Lakkakula Satish, Prasanta K Dash, Ajit Kumar Shasany, Rohini Sreevathsa (2023) Cajanus platycarpus Flavonoid 3?5? Hydroxylase_2 (CpF3?5?H_2) Confers Resistance to Helicoverpa armigera by Modulating Total Polyphenols and Flavonoids in Transgenic

Tobacco. International Journal of Molecular Sciences 24(2):1755 DOI: 10.3390/ijms24021755 [IF-6.208] Jan 16 [ISSN: 1422-0067] Publisher-MDPI Indexed/Abstracted in: Web of science, Scopus Pubmed

12. Shaily Tyagi; Anshuman Shah; Karthik Kesiraju; Maniraj Rathinam; Vandna Rai; **Nidhee Chaudhary**; Dr. Rohini Sreevathsa (2022) Reactive oxygen species in plants: an invincible fulcrum for biotic stress mitigation. Applied Microbiology and Biotechnology. 106, 5945-5955 [IF-5.2] <https://doi.org/10.1007/s00253-022-12138-z> Publisher: Springer Link, [ISSN:0175-7598] Published: 05 September 2022 Indexed/Abstracted in: Web of science, Scopus Pubmed
13. Shaily Tyagi; Maniraj Rathinam; PR Shashank; **Nidhee Chaudhary**; Ajit Kumar Shasany; Rohini Sreevathsa (2022) Deciphering of Pod Borer [*Helicoverpa armigera* (Hübner)] Resistance in *Cajanus platycarpus* (Benth.) Offers Novel Insights on the Reprogramming and Role of Flavonoid Biosynthesis Pathway Toxins 14, 455 July 2. <https://doi.org/10.3390/toxins14070455> [ISSN:2072-6651] Publisher: Multidisciplinary Digital Publishing Institute (MDPI) Indexed/Abstracted in: Web of science, Scopus
14. Kanagarethinam Selvaraj, **Nidhee Chaudhary**, Subhash Chand, Deepshikha Pande Katare (2023) *Ribes nigrum* and *Juglans regia*, potential functional foods as a source of protein tyrosine phosphatase enzyme: Biochemical and Kinetics studies. Biointerface Research in Applied Chemistry 13, (1), 61 Feb 2, DOI: <https://doi.org/10.33263/BRIAC131.061> [IF-1.949] Online ahead of print, Publisher-Taylor & Francis [ISSN: 2069-5837] Indexed/Abstracted in: Web of science, Scopus
15. Priyanka Saxena, Kanagarethinam Selvaraj, S. K. Khare, **Nidhee Chaudhary** (2021) Superoxide Dismutase as Multipotent Therapeutic Antioxidant Enzyme: Role in Human Diseases. Biotechnology Letters, 44(1):1-22. 3 Nov 2021, DOI: <https://doi.org/10.1007/s10529-021-03200-3> [IF-2.461] PMID: 34734354 Indexed/Abstracted in: Web of science, Scopus, PubMed
16. Archanalakshmi Kambaru, **Nidhee Chaudhary** (2021) Role of Protein Tyrosine Phosphatase in Regulation of Cell Signaling Cascades Affecting Tumor Cell Growth: A Future Perspective as Anti- Cancer Drug Target. Current Pharmaceutical Biotechnology 23, (7), 920-931 (Aug 1, 2021) DOI: [10.2174/1389201022666210810094739](https://doi.org/10.2174/1389201022666210810094739) [IF-2.837] Online ahead of print. PMID: 34375185 Publisher-Bentham Science, [ISSN: 1873-4316 (Online); ISSN: 1389-2010 (Print)] Indexed/Abstracted in: Web of science, Scopus, PubMed
17. Kanagarethinam Selvaraj, Deepshikha Pande Katare, Subhash Chand, **Nidhee Chaudhary** (2021) *Trachyspermum ammi* and *Cinnamomum verum* as Nutraceuticals: Spices Rich in Therapeutically Significant Protein Tyrosine Phosphatases. Journal of Food Biochemistry 45 (5) e13750 <https://onlinelibrary.wiley.com/doi/10.1111/jfbc.13750> [IF-2.720] [ISSN: 0145-8884; E-ISSN:1745-4514] Indexed/Abstracted in: Web of science, Scopus
18. Deepali Upadhyay, Neeraj Budhlakoti, Amit Kumar Singh, Ruchi Bansal, Jyoti Kumari, **Nidhee Chaudhary**, Jasdeep Chatrath Padaria, Sindhu Sareen, Sundeep Kumar (2020) Drought tolerance in *Triticum aestivum* L. genotypes associated with enhanced antioxidative protection and declined lipid peroxidation. 3Biotech 10 (6), 281 doi: 10.1007/s13205-020-02264-8. Epub 2020 Jun 2. [ISSN 2190-5738] [IF-3.203] Indexed/Abstracted in: Web of science, Scopus.
19. Kanagarethinam Selvaraj, Deepshikha Pande Katare, Prabhanshu Kumar, **Nidhee Chaudhary** (2019) *Juglans regia* and *Ribes nigrum* as Potential Nutraceuticals: Source of Thermostable Superoxide Dismutase Enzyme. Journal of Food Biochemistry 43 (5)

- e12823 DOI: 10.1111/jfbc.12823 [ISSN: 0145-8884 (print); 1745-4514 (web) [IF-3.654] Indexed/Abstracted in: Web of science, Scopus
20. Prabhanshu Kumar, Vishal Haribhai Patel, Sanjeev Kumar, Arjun Khanna, Nahid Siddiqui, Kusuma Kumari, **Nidhee Chaudhary** and Pawan Kumar Maurya (2017) Deficiency of Serum 25-Hydroxy Vitamin D Level in Humans Belong to High Rainfall and High-Altitude Area of Indian Region. Indian Res. J. Genet. & Biotech. 9(4): 551-555 (November). [ISSN: 2277-1913 (Print); 2249-7498 (Online)] UGC Approved, Indexed/Abstracted in: Indian Science Abstract, Indian Citation Index, National Academy of Agricultural Sciences (NAAS) rating 4.95
 21. Kanagarethinam, Pooja Mahapatra, **Nidhee Chaudhary** (2017) Anomalistic Implications of Protein Tyrosine Phosphatases: Need of Small Molecule Inhibitors Targeting PTPs in Human Diseases. Journal of Proteins and Proteomics, 8(4), 40-41 [ISSN: 0975-8151] Springer publishers (Journal Indexed in- Publons, Web of Science,).
 22. Pooja Mahapatra, Kanagarethinam, **Nidhee Chaudhary** (2017) Culinary Spices and Herbs as Potential Source of Thermostable Superoxide Dismutase: A Therapeutically Significant Enzyme. Journal of Proteins and Proteomics, 8(4), 55-56 [ISSN: 0975-8151] Springer publishers (Journal Indexed in- Publons, Web of Science,).
 23. Neetu Jabalia, Kanaga Rethinam, P.C. Mishra, **Nidhee Chaudhary** (2017) Biochemical characterization of protease from *Zingiber officinale* rhizome by using neural networking approach. International Journal of Pharmaceutical Sciences and Research, 8(12):5276-81. doi: 10.13040/IJPSR. [ISSN (Online): 0975-8232, ISSN (Print): 2320-5148] [IF-1.11] (Journal Indexed in- Thomson Reuters, Web of science, PubMed,).
 24. Kanagarethinam S, Pooja Mahapatra, Neetu Jabalia, **Nidhee Chaudhary** (2017) Protein Tyrosine Phosphatase-Pro prospective Target against Cancer: A Mini Review. Cancer Surgery, 2, 113, 1-4 (March) [ISSN: 2573-542X] (Journal Indexed in- RefSeek, EBSCO, Google Scholar)
 25. Prabhanshu Kumar, **Nidhee Chaudhary**, Narendra Kumar Sharma and Pawan Kumar Maurya (2016) Detection of oxidative stress biomarkers in myricetin treated red blood cells. RSC Adv., 6, 100028-100034 (DOI: 10.1039/C6RA15213A) (October) [ISSN: 2046-2069] [IF-3.361] (Journal Indexed in- Scopus, Web of science).
 26. Neetu Jabalia, P.C. Mishra, **Nidhee Chaudhary** (2016) Studies on the Effect of Various Additives on Thermostable Protease Extracted from *Zingiber officinale* Rhizome. International Journal of Pharma and Biosciences, 7(3), (B) 932-938 (July) [ISSN: 0975-6299] [IF-0.35] (Journal Indexed in- Web of science,).
 27. Nameet Kaur, B.K. Malik, **Nidhee Chaudhary** (2016) Comparative Studies on Thermostable Superoxide Dismutase isolated from *Myristica fragrans* and *Trigonella foenum-graecum*: Therapeutically important spices. International Journal of Basic and Applied Biology, 3 (1), 81-91 (January-March) [Print ISSN: 2394-5820; Online ISSN: 2349-2539] (Journal Indexed in- Google scholar)
 28. Anoushka Kotra, Neetu Jabalia, **Nidhee Chaudhary** (2016) Significant Role of Genomics in Crop Breeding: An Overview. International Journal of Basic and Applied Biology, 3 (1), 50-54 (January-March) [Print ISSN: 2394-5820; Online ISSN: 2349-2539] (Journal Indexed in- Google scholar)
 29. Akanksha Suman, **Nidhee Chaudhary**, Neetu Jabalia (2016) Biosensor and Molecular Diagnostics: An Overview. International Journal of Basic and Applied Biology, 3 (1), 46-49 (January-March) [Print ISSN: 2394-5820; Online ISSN: 2349-2539] (Journal Indexed in- Google scholar))
 30. **Nidhee Chaudhary** (2015) Conversion of two agrowastes; wheat straw and corn stover into bioethanol using simultaneous saccharification and fermentation process. J.

- Biotechnol. Biomater. 5 (6), 167 [ISSN: 2155-952X] DOI: [10.4172/2155-952X.C1.043](https://doi.org/10.4172/2155-952X.C1.043) (Journal Indexed in- DOAJ, Publons,
31. Nameet Kaur, B.K. Malik, **Nidhee Chaudhary** (2015) Some Parameters of Partially Purified Superoxide Dismutase Isolated from Fenugreek (*Trigonella foenum-graecum*): A Therapeutic Enzyme. J. Biotechnol. Biomater. 5 (6), 288 [ISSN: 2155-952X] DOI: [10.4172/2155-952X.C1.044](https://doi.org/10.4172/2155-952X.C1.044) (Journal Indexed in- DOAJ, Publons,
 32. **Nidhee Chaudhary**, Monendra Grover (2015) Biochemical Characterization and Amino Acid Sequence Analysis of Thermostable Endo- β -1, 4-glucanase from *Trichoderma viride*. Protein Science, 24 (S1), 1-313 DOI: [10.1002/pro.2823](https://doi.org/10.1002/pro.2823) [ISSN: 0961-8368] [IF-3.15] (Journal Indexed in-Scopus, ISI Web of science).
 33. Neetu Jabalia, Hina Bansal, P.C. Mishra, **Nidhee Chaudhary** (2015) *In-silico* studies on cysteine protease sequences from *Zingiber officinale*. Journal of Proteins and Proteomics, 6(3), 245-253 [ISSN: 0975-8151] Springer publishers (Journal Indexed in- Publons, Web of Science, Indian Science).
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1. **Nidhee Chaudhary**, Ogireddy Sri Apoorva, and Mansi Agrawal Natural Products with

	<p>Anticancer Properties, "Natural products in drug discovery: Benefits, Challenges and Opportunities". Pub Date: Forthcoming August 2025 Publisher Apple Academic Press, USA (Co publishing with CRC Press Taylor & Francis) ISBN: 9781998511280</p> <ol style="list-style-type: none"> 2. Akash Singh, Kanagarethinam Selvaraj, Nidhee Chaudhary (2025) Role of superoxide dismutase enzyme on respiratory diseases caused by various environmental factors. Environmental Issues and their Management, (February) 80-97 (India & Australia Mahto Publications) ISBN: 978-93-49005-94-5. 3. Lubna Siddiqui, Daphne VL Duhsaki Sailo, Nidhee Chaudhary (2025) Understanding the Implications of Oxidative Stress Caused by Air Pollution in Human Civilization. Environmental Issues and their Management, 143-154 (February) (India & Australia Mahto Publications) ISBN: 978-93-49005-94-5. 4. Ritu Redhu, Seneha Santoshi, Nidhee Chaudhary (2025) Implications of free radicals on various human diseases: Role of Superoxide dismutase enzyme. Environmental Issues and their Management, 166-181 (February) (India & Australia Mahto Publications) ISBN: 978-93-49005-94-5. 5. Seema Raj, Meena Bhandari and Nidhee Chaudhary (2023) Advances in Phytoremediation by Green biotechnological applications: A Review. Emerging Trends and Scope in Environmental Science March, 260 (P.K. Publishers and Distributors) ISBN:978-93-92239-63-2 6. Swapnil Gurrani, Nidhee Chaudhary, Christine Jeyaseelan and Debarati Paul (2022) Sustainable bioconversion of lignocellulosics to biodiesel: Pretreatment, fermentation, and technoeconomic analysis (Accepted)(Elsevier Book Chapter) Kumar-AOSD-1633343 978-0-323-90875-7 00002 7. Nameet Kaur and Nidhee Chaudhary (2015) Superoxide dismutase as a gene therapy: Future perspectives. BioEvolution, 2 (1), February 26-30 [ISBN: 978-93-83006-04-5]. 8. Nameet Kaur and Nidhee Chaudhary (2014) Role of superoxide dismutase in therapeutics: An overview BioEvolution, 1 (3), September, 82-84 [ISBN: 978-93-83006-02-1]. 9. Seema Raj, Nidhee Chaudhary (2014) Citric acid from biowaste: Challenges and prospects. BioEvolution, 1 (2), May, 48-50 [ISBN: 978-81-925781-3-2]. 10. Chaudhary Nidhee, Kaur Nameet, Jabalia Neetu, Bansal Hina (2012) Studies on biochemical aspects of thermostable superoxide dismutase isolated from <i>Jatropha curcas</i> root. Biologix, 1st edition, 173-176 [ISBN: 81-88919-13-6]. 11. Nupur Sinha, Nidhee Chaudhary, Nameet Kaur and Kanishk Singh (2011) Comparative studies on the effect of aqueous and ethanolic extract of three medicinally important Citrus fruits on MCF-7 cancer cell line. Nanomaterials and Nanotechnology, 131 [ISBN: 978-81-920068-3-3].
MAGAZINE ARTICLE	<ul style="list-style-type: none"> • Nidhee Chaudhary, Meenakshi Kanojia (2022) Ecological sustainability and diligence of enzymes in pursuit of Brewing: A synergistic approach published in BrewTimes magazine (December 2022)
MoU:	<ul style="list-style-type: none"> • MoU signed between Prerana Bio-Innovations Research Pvt. Ltd., Gujarat and Amity Universities & Institutes for research, training, and entrepreneurship (June 10, 2021) • MoU between Amity University & Life Science Skill Sector Development Council (LSSSDC) (November 29, 2021) • LSSSDC Membership (July 17, 2021)
RESEARCH PROJECTS Completed: (total no.): Ongoing: (total no.):	<ul style="list-style-type: none"> • Project entitled "Development of Novel Plant Superoxide Dismutase (SOD)-based Therapeutics against Lung Cancer" for Translation and Commercialization under ATRACT-Life Program (Accelerating Translation of Research and Commercialization of Technologies in Life Sciences' Program) to C-CAMP (Centre for Cellular and

	<p>Molecular Platforms, DBT, Gov) (March 18, 2021)</p> <ul style="list-style-type: none"> Principal Investigator of a project entitled “Studies on the effect of plant superoxide dismutases on human cancer cells: Molecular and <i>in silico</i> analysis” funded by Department of Biotechnology (DBT)
FELLOWSHIPS/AWARDS & HONOURS/ DISTINCTIONS/ RECOGNITION:	<ol style="list-style-type: none"> Recipient, Fellowship of Indian Society of Agriculture Biochemists given by Indian Society of Agriculture Biochemists (November 2023) Special recognition for Plenary Talk entitled “Industry Revolution: Significance of Biomanufacturing for Humankind” Faculty Development Program & Workshop in Bioprocessing and Biomanufacturing: From Fundamentals to Industrial Applications Organized by Association of Indian Universities, Gautam Buddha University Academic & Administrative Development Centre (AIU GBU AADC) (January 20-24, 2025) Recipient, Appreciation certificate for participation in symposium cum workshop “Advancing Sustainability Through Circular Economy: Turning Waste to Wealth”, organized by Amity Institute of Biotechnology, in association with School of Biosciences, University of Nottingham, UK, at Amity University Uttar Pradesh, Noida (January 6-8, 2025). Recipient, Appreciation certificate for participation in 25th edition of Bengaluru Tech Summit organized by Government of Karnataka at Bengaluru (November 16-18, 2022) Recipient, Certificate for Best Paper Presentation Award in Two-day Virtual Second International Conference on “Mycotechnology: Present Status and Future Perspectives – MTPSFP-2022” organised by the Department of Biotechnology, Bannari Amman Institute of Technology, Tamil Nadu in association with Biotech Research Society of India (BRSI) (April 22-23, 2022) Recipient, Certificate for Exceptional contribution in organization and coordination of International Symposium of Biotechnology & Biochemical Engineering (ISBBE-2021) on "Waste Management and Innovation for Valorization: Enroute A Sustainable World and Future" organized jointly by Centre for Biotechnology & Biochemical Engineering, Amity Institute of Biotechnology and Amity University Kolkata on Virtual Platform (October 26 - 27, 2021) Session Chair, International Symposium of Biotechnology & Biochemical Engineering (ISBBE-2021) on "Waste Management and Innovation for Valorization: Enroute A Sustainable World and Future" organized jointly by Centre for Biotechnology & Biochemical Engineering, Amity Institute of Biotechnology and Amity University Kolkata on Virtual Platform (October 26 -27, 2021) Recipient, Certificate for Exceptional contribution as Primary Evaluator in “Toycathon 2021” an inter-ministerial initiative under the ‘AatmaNirbhar Bharat Abhiyan’, organized by Ministry of Education’s Innovation Cell with support from All India Council for Technical Education, Ministry of Women and Child Development, Ministry of Commerce and Industry, Ministry of MSME, Ministry of Textiles and Ministry of Information and Broadcasting, GoI (Jan-Feb 2021). Recipient, Certificate of appreciation conferred during International Conference on Innovations in Biotechnology and Life Sciences, (ICIBLS-2020) organized by Department of Biotechnology, Delhi Technological University, New Delhi, India (December 18-20, 2020). Recipient, Certificate of appreciation conferred during Virtual 3rd International Conference on Entrepreneurship, Innovation & Leadership (ICEIL-2020) for organization and coordination of a Panel Discussion on topic “Industrial Biotechnology and its contribution to Bioeconomy” in at Amity University Uttar Pradesh, Noida, India (December 17-19, 2020) Recipient, Certificate of appreciation conferred during International Day of Yoga Celebrations from June 06 - 21, 2020 on the topic of “Importance of Meditation & Breath

	<p>Works in Mind Management & Productivity” session conducted by Capt. Richik Sinha Roy, Co-Founder, UREIFY, Interview and Soft - Skills Trainer and Meditation Coach organized by Amity Institute of Indian System of Medicine, Health & Allied Sciences Domain, Amity University Uttar Pradesh, Noida (INDIA) (July 04, 2020)</p> <p>12. Recipient, Certificate of appreciation conferred during International Day of Yoga Celebrations from June 06 - 21, 2020 on the topic of “A preventive and managerial approach towards COVID 19: The Ayurvedic perspective” session conducted by Dr. Akhilesh Sharma, Former Advisor (Ayurveda), Govt. of Delhi and Visiting Faculty, California College of Ayurveda, organized by Amity Institute of Indian System of Medicine, Health & Allied Sciences Domain, Amity University Uttar Pradesh, Noida (INDIA) (June 15, 2020)</p> <p>13. Recipient, Certificate of appreciation conferred during “International Summit on Women in STEM Visualizing the Future: New Skylines” organized by Department of Biotechnology (DBT), at India Habitat Centre, New Delhi (January 23-24, 2020)</p> <p>14. Recipient, Certificate of recognition conferred by Endling Scientific Organization, Endling Conferences, Phillipines, at “World Biotechnology Congress” at New Delhi, India (February 20-22, 2017)</p> <p>15. Recipient, Special Recognition Certificate of appreciation for support as Organizing Committee Member in 6th World Congress on Biotechnology, OMICS, USA, at New Delhi, India (October 5-7, 2015)</p> <p>16. Recipient, Certificate of recognition for Co-chairing the session on “Environmental Biotechnology and Sustainable Development” conferred by OMICS, USA, in 6th World Congress on Biotechnology, at New Delhi, India (October 5-7, 2015)</p> <p>17. Recipient, Finn Wold Travel Award (2013), conferred by ‘The Protein Society USA’, for attending conference organized by ‘The Protein Society USA’ in “27th Annual Symposium of the Protein Society” organized by ‘The Protein Society USA’, held at Boston, Massachusetts, USA (July 20-23, 2013)</p> <p>18. Recipient, DST Travel Grant (2013), conferred by Department of Science and Technology, GoI, for attending conference organized by ‘The Protein Society USA’ in “27th Annual Symposium of the Protein Society” organized by ‘The Protein Society USA’, held at Boston, Massachusetts, USA (July 20-23, 2013)</p> <p>19. Recipient, Certificate of recognition conferred by OMICS, USA, in “3rd World Congress on Biotechnology” organized by OMICS Group, USA, held at Hyderabad International Convention Centre, Hyderabad, India (September 13-15, 2012)</p> <p>20. University Gold Medalist, Master of Philosophy awarded by IIT Roorkee, Roorkee (Formerly Roorkee University, Roorkee)</p> <p>21. Gold Medalist, Master of Science</p>
<p>MEMBERSHIPS</p> <p>Professional/ Academic bodies: 53</p> <p>Reviewer-in-charge: 01</p> <p>Reviewer in Journals: 23</p>	<p>Memberships</p> <p>Memberships (International & National):</p> <ul style="list-style-type: none"> • Life Member, Women in Science (WiS) panel, Indian Academy of Science women (No 3571) (May 24, 2020) • Scientific Advisor, Chembiobridge company, Chollas, Dadri, G.B. Nagar, U.P., India • Member, American Chemical Society, USA (No. 32305221) (April 16, 2020-) • Member, Protein Society, USA (No.: 46557) (2012-2018) • Member, Japan Society for Bioscience, Biotechnology & Agrochemistry, Japan (No.:1701133) (March 21, 2017-2018) • Member, American Society of Microbiology (ASM) (No.: 56969140) (2012-13) • Life Member, Asian Federation of Biotechnology (AFOB) (Since 2013) • Life Member, Indian Society of Agricultural Biochemists (ISAB) (No.: L-516) (Since 25/05/2012)

- Life Member, OMICS group, USA (No.: 0050026) (Since 23/11/2012)
- Life Member, Global Science and Technology Forum (GSTF), Singapore (No.: GSTF 2012/030) (Since 12/03/2012)
- Life Member, World Academy of Science, Engineering and Technology (WASET), USA
- Life Member, Biotech Research Society, India (BRSI) (No.: LM1434) (Since 2013)
- Life Member, Biotech Society of India (BSI) (No.: LM-384) (Since 2014)
- Life Member, Bioinformatics and Drug Discovery Society [BIDDS] (No.: BIDDS17-30) (Since 2017)
- Technical Committee (TPC) Member, 5th International Conference on Innovative Computing and Communication (ICICC-2022) organized by Shaheed Sukhdev College of Business Studies, University of Delhi, New Delhi in Association With National Institute of Technology Patna & Korea Institute of Digital Convergence, South Korea, University of Valladolid, Spain (February 19-20, 2022)
- Technical Program Committee (TPC) Member, 15th INDIACom; 2021 IEEE 8th International Conference on Computing for Sustainable Global Development, Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi, India (March 17-19, 2021)
- Technical Committee Member, ICICC-2021; 4th International Conference in innovative Computing and Communication (ICICC-2021) organized at Shaheed Sukhdev College of Business Studies in association with National Institute of Technology Patna and University of Valladolid, Spain at New Delhi, India (February 20-21, 2021) (Proceedings-Scopus indexed)
- Technical Committee Member, ICICC-2020; International Conference on Innovative Computing and Communication Organized by Shaheed Sukhdev College of Business Studies, New Delhi, India (Feb 21-23, 2020) (Proceedings-scopus indexed)
- Technical Program Committee (TPC) Member, 13th INDIACom; 2019 IEEE 6th International Conference on "Computing for Sustainable Global Development", Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi, India (March 13-15, 2019)
- Technical Program Committee (TPC) Member (National Advisory), SVIT-ICEEMAS-2018 Special session on "Computational Intelligence in Big Data analysis", Second International Conference on Electrical, Electronics, Materials and Applied Science (ICEEMAS) organised by Swami Vivekananda Institute of Technology (SVIT), (in association with Knewton Institute) Secunderabad, Telangana, India (December 27-28, 2018)
- International Scientific Committee Member, ICBBE 2018: International Conference on Biological and Bioprocess Engineering Sydney, Australia, World Academy of Science, Engineering and Technology (WASET), USA (December 3 - 4, 2018)
- Technical Program Committee (TPC) Member (National Advisory), ICICC-2018 Special session on "Computational Intelligence in Big Data analysis", International Conference on Innovative Computing and Communication, Gurunanak Institute of Management, India (May 5-6, 2018)
- Technical Program Committee (TPC) Member, International Conference on Communication, Management and Information Technology (ICCMIT 2018), Madrid, Spain (April 02-04, 2018)
- International Scientific Committee Member, ICABSB 2018: 20th International Conference on Analytical Biotechnology and Systems Biology, Osaka, Japan (March 29-30, 2018)

- Technical Program Committee (TPC) Member, 12th INDIACom; 2018 IEEE 5th International Conference on “Computing for Sustainable Global Development”, Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi, India (March 16-18, 2018)
- Organizing Committee Member, 20th International Conference on Pharmaceutical Biotechnology: Widespread Applications and Advancements in Pharmaceutical Biotechnology, Madrid, Spain (December 07-09, 2017)
- Organizing Committee Member, 19th World Congress on Biotechnology: Biotechnology: From Evidence to Excellence, Osaka, Japan (November 13-14, 2017)
- International Scientific Committee Member, ICBFT 2017: 19th International Conference on Bioprocess and Fermentation Technology, Istanbul, Turkey, World Academy of Science, Engineering and Technology (WASET), USA (December 21 - 22, 2017)
- International Scientific Committee Member, ICBFT 2017: 19th International Conference on Bioprocess and Fermentation Technology, San Francisco, USA, World Academy of Science, Engineering and Technology (WASET), USA (September 28-29, 2017)
- International Scientific Committee Member, ICASEE 2017: 19th International Conference on Agriculture Science and Environment Engineering, Copenhagen, Denmark, World Academy of Science, Engineering and Technology (WASET), USA (August 17-18, 2017)
- Abstract Review Committee Member, 31st Annual Symposium of The Protein Society, USA, Montreal, Canada (July 24-27, 2017)
- International Scientific Committee Member, ICBBE 2017: 19th International Conference on Biological and Bioprocess Engineering, Paris, France, World Academy of Science, Engineering and Technology (WASET), USA (May 18-19, 2017)
- Technical Program Committee (TPC) Member, International Conference on Communication, Management, and Information Technology (ICCMIT 2017), University of Warsaw, Warsaw, Poland (April 03-05, 2017)
- Program Committee Member, 7th Annual International Conference on Advances in Biotechnology “Biotech 2017”, organized by Global Science and Technology Forum (GSTF), Singapore, Singapore (2017)
- International Scientific Committee Member, ICASEE 2017: 19th International Conference on Agriculture Science and Environment Engineering, Sydney, Australia, World Academy of Science, Engineering and Technology (WASET), USA (March 14-15, 2017)
- Technical Program Committee (TPC) Member, 11th INDIACom; 2017 IEEE 4th International Conference on “Computing for Sustainable Global Development”, Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi, India (March 01-03, 2017)
- International Scientific Committee Member, ICFBT 2017: 19th International Conference on Food and Bioprocess Technology, Melbourne, Australia, World Academy of Science, Engineering and Technology (WASET), USA (February 2-3, 2017)
- International Scientific Committee Member, ICBFT 2016: 18th International Conference on Bioprocess and Fermentation Technology, Istanbul, Turkey, World Academy of Science, Engineering and Technology (WASET), USA (December 19-20, 2016)
- International Scientific Committee Member, ICBBE 2016: 18th International Conference on Biological and Bioprocess Engineering, Sydney, Australia, World Academy of Science, Engineering and Technology (WASET), USA (December 15-16, 2016)
- International Scientific Committee Member, ICFEFT 2016: 18th International

Conference on Food Engineering and Bioprocess Technology, Istanbul, Turkey, World Academy of Science, Engineering and Technology, (WASET), USA (December 19-20, 2016)

- International Scientific Committee Member, ICAER 2016: 18th International Conference on Advances in Enzyme Research, Singapore, World Academy of Science, Engineering and Technology (WASET), USA (November 21-22, 2016)
- International Scientific Committee Member, ICFBT 2016: 18th International Conference on Food Engineering and Bioprocess Technology, San Francisco, USA, World Academy of Science, Engineering and Technology (WASET), USA (September 26-27, 2016)
- Organizing Committee Member, Annual Conference on Bioscience Berlin, Germany, World Academy of Science, Engineering and Technology, (WASET), USA (September 12-13, 2016)
- International Scientific Committee Member, ICASEE 2016: 18th International Conference on Agriculture Science and Environment Engineering, Berlin, Germany, World Academy of Science, Engineering and Technology, (WASET), USA (September 12-13, 2016)
- Technical Program Committee (TPC) (National Advisory) Member, International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM 2016), SN Education Society, HIERANK Business School, Noida, Delhi-NCR, India (September 9-10, 2016)
- Abstract Review Committee Member, 30th Annual Symposium of The Protein Society, USA, held in Baltimore, MD, USA (July 16-19, 2016)
- International Scientific Committee Member, ICBBE 2016: 18th International Conference on Biological and Bioprocess Engineering, Paris, France, World Academy of Science, Engineering and Technology, (WASET), USA (May 16 - 17, 2016)
- International Scientific Committee Member, ICPEAM 2016: 18th International Conference on Process Engineering and Advanced Materials, Venice, Italy, World Academy of Science, Engineering and Technology, (WASET), USA (April 11-12, 2016)
- Program Committee Member, 6th Annual International Conference on "Advances in Biotechnology" (BIOTECH 2016) organized by Global Science and Technology Forum (GSTF), Singapore, at Singapore (March 28-29, 2016)
- International Conference Committee Member, ICBFT 2015: 17th International Conference on Bioprocess and Fermentation Technology, Turkey, World Academy of Science, Engineering and Technology (WASET), USA (December 20-21, 2015)
- Organizing Committee Member, 6th World Congress on Biotechnology, OMICS Group, USA, at New Delhi, India (October 5-7, 2015)
- International Scientific Committee Member, ICASEE 2015: 17th International Conference on Agriculture Science and Environment Engineering, Berlin, Germany, World Academy of Science, Engineering and Technology, (WASET), USA (September 14-15, 2015)
- Abstract Review Committee Member, 29th Annual Symposium of The Protein Society, USA, held in Barcelona, Spain (July 22-25, 2015)
- Program Committee Member, 5th Annual International Conference on "Advances in Biotechnology" (BIOTECH 2015) organized by Global Science and Technology Forum (GSTF), Singapore, in partnership with Indian Institute of Technology, Kanpur (IITK) held at IITK Campus, India (March 13-15, 2015)
- International Conference Committee Member, ICASEE 2014: XII International Conference on Agriculture Science and Environment Engineering, Berlin, Germany,

World Academy of Science, Engineering and Technology (WASET), USA (September 15-16, 2014)

- International Conference Committee Member, ICBBE 2014: XII International Conference on Biological and Bioprocess Engineering, Sydney, Australia, World Academy of Science, Engineering and Technology (WASET), USA (December 15-16, 2014)
- International Conference Committee Member, ICASEE 2014: XII International Conference on Agriculture Science and Environment Engineering, Brussels, Belgium, World Academy of Science, Engineering and Technology (WASET), USA (October 5-6, 2014)
- Program Committee Member, 3rd Annual International Conference on Advances in Biotechnology “Biotech 2013”, organized by Global Science and Technology Forum (GSTF), Singapore, held at Singapore (March 18-19, 2013)

Journal Selection Committee Member:

- Abstract Selection Committee, Protein Science, USA

Reviewer-in-charge:

- Reviewer-in-charge, GSTF Journal of Bioscience (Springer Nature)

Reviewer:

- Reviewer, Scientific Reports (IF-3.8) (Springer Nature)
- Reviewer, PLOS One (IF-2.766) (Public Library of Science, PLOS, USA)
- Reviewer, Process Biochemistry (Science Direct) (4.885)
- Reviewer, Clinical and Translational Oncology (Springer Nature) (3.34)
- Reviewer, Biocatalysis and Biotransformation (2.235) (Taylor & Francis)
- Reviewer, Biotechnology and Applied Biochemistry (IF-1.413) (IUBMB-International Union of Biochemistry and Molecular Biology) (Wiley group, USA)
- Reviewer, Preparative Biochemistry and Biotechnology (IF-1.361) (Taylor & Francis Group Journals, UK)
- Reviewer, Journal of Biotechnology (IF-2.908) (Elsevier Group, Netherlands)
- Reviewer, Advances in Bioscience and Biotechnology (IF-1.06) (SCIRP)
- Reviewer, 3Biotech (IF-1.361) (Springer Nature)
- Reviewer, Protein Science (IF-3.04) (The Protein Society, USA)
- Reviewer, Current Pharmaceutical Biotechnology (IF-2.459) (Bentham Science)
- Reviewer, Journal of Fundamentals of Renewable Energy and Applications (IF-1.66)
- Reviewer, Journal of Biomedical Sciences (IF-2.799) (BioMed Central-Springer Nature)
- Reviewer, Nutrire (Springer Nature) (1.28)
- Reviewer, Cogent Food & Agriculture (Taylor & Francis) (2.161)
- Reviewer, World Journal of Microbiology and Biotechnology (4.253)
- Reviewer, International Journal of Biomedical Data Mining (IF-0.5) (OMICS group, USA)
- Reviewer, Medical Implants & Surgery (Clinical Medical Journals, USA)
- Reviewer, Cancer Surgery: Open Access (Clinical Medical Journals, USA)
- Reviewer, Malaria Chemotherapy, Control & Elimination (Clinical Medical Journals, USA)
- Reviewer, Journal of Molecular Histology & Medical Physiology (Clinical Medical

	<p>Journals, USA)</p> <ul style="list-style-type: none"> • Reviewer, BioEvolution (GIAP Journals) • Reviewer-in-charge, GSTF Journal of Bioscience (Springer Nature)
<p>Invited Speaker/Chairperson/Judge/ Delegate:</p>	<p>Chairperson/ Invited Speaker/Resource person:</p> <ul style="list-style-type: none"> • Invited Speaker (Plenary talk) in Faculty Development Program (FDP) titled "Hands-on Workshop in Bioprocessing and Biomanufacturing: From Fundamentals to Industry Applications" organized by Association of Indian Universities, School of Biotechnology, Gautam Buddha University, Greater Noida (January 20-24, 2025) • Resource person on session titled "Value Addition Courses (VAC) for enhancement of employability skills: Innovation & Entrepreneurship" in Orientation programme (PG Programmes) (I year students) Deekharambha, Academic year 2022-23, Amity Institute of Biotechnology, Amity University Uttar Pradesh, held at Amity University Uttar Pradesh, Noida, India • Resource person on session titled "Student's Aspiration & Career Progression in Orientation programme (PG Programmes) (I year students) Deekharambha, Academic year 2022-23, Amity Institute of Biotechnology, Amity University Uttar Pradesh, held at Amity University Uttar Pradesh, Noida, India • Session Chairperson, International Symposium of Biotechnology & Biochemical Engineering (ISBBE-2021) on "Waste Management and Innovation for Valorization: Enroute A Sustainable World and Future" organized jointly by Centre for Biotechnology & Biochemical Engineering, Amity Institute of Biotechnology and Amity University Kolkata on Virtual Platform (October 26 -27, 2021) • Resource person and Speaker on session titled "Review and Assessment Process towards Effective Learning" in Two Days Online Workshop on "Curriculum Design, E-Content Development and Quality Assurance for Flipped Mode and Online Teaching-Learning" organized by Amity Academic Staff College at Amity University Uttar Pradesh, Noida (June 19-21, 2021). • Resource person and Speaker on session titled "Bio-entrepreneurship: The Business of Biotechnology and its way ahead" in a workshop on Professional Skill Development and Enhancement Programme for Graduates at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (June 14-18, 2021) • Invited Delegate with presentation in "International Summit on Women in STEM Visualizing the Future: New Skylines" organized by Department of Biotechnology (DBT), at India Habitat Centre, New Delhi (January 23-24, 2020) • Judge for posters presented in "International Summit on Women in STEM Visualizing the Future: New Skylines" organized by Department of Biotechnology (DBT), at India Habitat Centre, New Delhi (January 23-24, 2020) • Invited Delegate in International Day of Yoga Celebrations from June 06 - 21, 2020 on the topic of "Importance of Meditation & Breath Works in Mind Management & Productivity" session conducted by Capt. Richik Sinha Roy, Co-Founder, UREIFY, Interview and Soft - Skills Trainer and Meditation Coach organized by Amity Institute of Indian System of Medicine, Health & Allied Sciences Domain, Amity University Uttar Pradesh, Noida (INDIA) (July 04, 2020) • Invited Delegate in International Day of Yoga Celebrations from June 06 - 21, 2020 on the topic of "A preventive and managerial approach towards COVID 19: The Ayurvedic perspective" session conducted by Dr. Akhilesh Sharma, Former Advisor (Ayurveda), Govt. of Delhi and Visiting Faculty, California College of Ayurveda, organized by Amity

	<p>Institute of Indian System of Medicine, Health & Allied Sciences Domain, Amity University Uttar Pradesh, Noida (INDIA) (June 15, 2020)</p> <ul style="list-style-type: none"> • Invited Delegate with presentation in “1st DBT BioCARE Conclave: Women Scientist Achieving Great Heights” organized on International Women’s Day organized jointly by Department of Biotechnology (DBT), Government of India and National Institute of Plant Genome Research, (NIPGR) at NIPGR, New Delhi (08-09 March, 2019) • Invited Lecture in “World Biotechnology Congress” organized by Endling Scientific Organization, Endling Conferences, Phillipines, at New Delhi, India (February 20-22, 2017) • Judge for posters presented in One day International Seminar on "Biosafety and Regulatory Affairs on GMOs and GE plants", Amity Institute of Biotechnology, Amity University Uttar Pradesh, held at Amity University Uttar Pradesh, Noida, India (September 21, 2016) • Invited Delegate from India in the International Seminar/ Valedictory Function of "NASA Spaceward Bound Program India-2016" under the aegis of NASA Ames Research Centre, Ladakh, organized by Amity Institute of Aerospace Engineering held at Amity University Uttar Pradesh, Noida, India (August 21, 2016) • Chairperson (co-) in “6th World Congress on Biotechnology” organized by OMICS Group, USA, at New Delhi, India (October 05-07, 2015) • Invited Lecture in “6th World Congress on Biotechnology” organized by OMICS Group, USA, at New Delhi, India (October 05-07, 2015) • Judge for posters presented in “6th World Congress on Biotechnology” organized by OMICS Group, USA, at New Delhi, India (October 05-07, 2015) • Chairperson in 5th Annual International Conference on "Advances in Biotechnology" (BIOTECH 2015) organized by Global Science and Technology Forum (GSTF), Singapore, in partnership with Indian Institute of Technology, Kanpur (IITK) held at IITK Campus, India (March 13-15, 2015) • Invited Speaker in 5th Annual International Conference on "Advances in Biotechnology" (BIOTECH 2015) organized by Global Science and Technology Forum (GSTF), Singapore, in partnership with Indian Institute of Technology, Kanpur (IITK) held at IITK Campus, India (March 13-15, 2015)
Visits abroad: Paper Presented	<p>Visits abroad: Lecture Delivered</p> <ul style="list-style-type: none"> • Nidhee Chaudhary, Subhash chand, Nameet kaur (2013) Some Aspects of Thermostable Superoxide Dismutase isolated from <i>Juglans regia</i> and <i>Ribes nigrum</i>: Therapeutically Important Dry Fruits. “27th Annual Symposium of the Protein Society” organized by ‘The Protein Society USA’, held at Boston, Massachusetts, USA (July 20-23, 2013). Recipient, Finn Wold Travel Award (2013), conferred by ‘The Protein Society USA funded by Department of Science and Technology (DST). • Nameet Kaur, Subhash Chand, Nidhee Chaudhary (2013) Characterization of Superoxide Dismutase Isolated from Culinary-Medicinal Indian Chilli (<i>Capsicum annum L.</i>) “27th Annual Symposium of the Protein Society” organized by ‘The Protein Society USA’, held at Boston, Massachusetts, USA (July 20-23, 2013). • Nidhee Chaudhary, Subhash chand, Nameet kaur (2013) Studies on biochemical characteristics of thermostable superoxide dismutase isolated from <i>Ribes nigrum</i>: A Functional food. Proceedings of 3rd Annual International Conference on “Advances in

	<p>Biotechnology”, Biotech 2013, organized by Global Science and Technology Forum (GSTF), Singapore, held at Singapore (March 18-19, 2013)- Invited Lecture</p> <ul style="list-style-type: none"> • Nidhee Chaudhary, Subhash Chand and Nameet Kaur (2012) Biochemical investigations of thermostable acid phosphatases from <i>Pisum sativum</i> and <i>Triticum aestivum</i> cotyledons. Proceedings of 2nd Annual International Conference on “Advances in Biotechnology”, Biotech 2012, organized by Global Science and Technology Forum (GSTF), Singapore, held at Bangkok, Thailand (March 12-13, 2012).
<p><u>ENTREPRENEURSHIP ACHIEVEMENTS:</u></p> <p>STARTUPS HANDHOLDED-11</p>	<p>STARTUP DETAILS-</p> <p>1.Start-up Name: LOCAL FARMS Founders Team: Bhaskar Pillai, Yogesh K. Sahu Batch: 2017–2020</p> <p>2. Start-up Name: VELLIONTECH Founders Team: Shaklin, Ankit, Shilpick Batch: 2018–2021</p> <p>3.Start-up Name: ARCHON MEDIA Founders Team: Saweza Hashmi Batch: 2018–2021</p> <p>4.Start-up Name: FMD Founders Team: Vikrant Singh Batch: 2017–2020</p> <p>5.Start-up Name: Life Service India Founders Team: Yash Tomar, Shubham Atri, Jenisa Ramprasad Batch: 2018–2022</p> <p>6.Start-up Name: Diagno Plus Founders Team: Pranay Agarwal, Kanika Rathi, Sakshi Sharma Batch: 2021–2024</p> <p>7.Start-up Name: Arpit Construction Founders Team: Anamika Bhati Batch: 2023–2025</p> <p>8.Start-up Name: The Trendy Trinkets Founders Team: Gurveer Singh Batch: 2022–2026</p> <p>9.Start-up Name: ShwasaVeda Founders Team: Riddhim Shukla, Harsh Kashyap Batch: 2023–2025</p> <p>10.Start-up Name: CaviSafe Founders Team: Khushi Sinha Batch: 2023–2027</p> <p>11.Start-up Name: Taj Enterprises</p>

	<p>Founders Team: Sumit Arora</p> <p>Batch: 2021–2025</p>
<p>Entrepreneurial/ AICTE-MoE's Institution's Innovation Council (IIC)/ Outreach Events Organised (National & International):</p> <p>1.</p>	<ol style="list-style-type: none"> 1. Program Director, University Institution's Innovation Council event IIC University event "An expert talk titled Fueling Innovation: Navigating Thrust Areas and Funding Opportunities" was delivered by Dr. Koninika Ray, Director, Biomedical Research OHS, New Delhi, organized by Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida (May 29, 2025). 2. Program Director, University Institution's Innovation Council event "Celebration of World Creativity and Innovation Day" by Presentations of by Faculty and Students on Innovative Ideas followed by felicitation" organized by Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida (April 21, 2025). 3. Program Director, Self Driven Activity "A competitive event Start-up Smashdown" organized by Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida (March 27, 2025) 4. Program Director, University Institution's Innovation Council event "An expert talk titled Enabling Bioeconomy-2030" organized by Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida (March 20, 2025). 5. Program Director, University Institution's Innovation Council event "An expert talk on Commercialization of Lab Technologies and Tech Transfer" delivered by Dr. Ajai Kumar Garg (Director & Head, Digital Group, Anand and Anand Associates) organized by Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida (February 7, 2025). 7. Program Director, University Institution's Innovation Council event "An expert talk on Process of Innovation Development and Technology Readiness Level (TRL)" delivered by Dr. Shivkumar R., Founder & Managing Attorney, Shiv & Attorneys, IP Mentor for Start-ups; Advisor for Biodiversity and Tech Transfer, C-CAMP, Bengaluru, Karnataka, India, organized by Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida (November 22, 2025). 8. Core Committee Member, Organising Team, International Conference on Entrepreneurship, Innovation and Leadership (ICEIL-2024) organized by Amity University Uttar Pradesh, Noida (October 9-11, 2024) 9. Co-Chairperson, Lakshya- The National Business Plan Competition in International Conference on Entrepreneurship, Innovation and Leadership (ICEIL-2024) organized by Amity University Uttar Pradesh, Noida (October 9-11, 2024) 10. Chairperson, Biotechnology Session "Empowering Atmanirbhar Bharat Through Bio-Entrepreneurship for Circular Bio-Economy" in International Conference on Entrepreneurship, Innovation and Leadership (ICEIL-2024) organized by Amity University Uttar Pradesh, Noida (October 9-11, 2024) 11. Coordinator, Global Bio-India 2024 on Transforming Lives-Biosciences to Bioeconomy held at Pragati Maidan, New Delhi (September 12-14, 2024) 12. Program Director, University Institution's Innovation Council event "A motivational talk" delivered by Dr. Rupinder Singh, COO, Univlab Technologies Pvt. Ltd., Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (August 8, 2024). 13. Chairperson, Lakshya- The National Business Plan Competition in International Conference on Entrepreneurship, Innovation and Leadership (ICEIL-2023) organized by Amity University Uttar Pradesh, Noida (September 14-16, 2023) 14. Chairperson, Biotechnology Session "Transformation of Bioprocess Manufacturing in Industry 5.0" in International Conference on Entrepreneurship, Innovation and Leadership (ICEIL-2023) organized by Amity University Uttar Pradesh, Noida (September 14-16,

2023)

15. Program Director, of event “Extravaganza” organized by UDHYAM- the Innovation and Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, held at Amity University Uttar Pradesh, Noida, India (October 05, 2023)

16. Program Director of Panel Discussion on National Technology Day Celebrations "School to Startups- Igniting Young Minds to Innovate" with guests Prof. (Dr.) Ashwani Pareek - Executive Director, National Agri-Food Biotechnology Institute (NABI), Mohali, Punjab; Dr. Ajit Kumar Shasany - Director, CSIR-National Botanical Research Institute, Lucknow, and Dr. R. S. Matche, Chief Scientist and Head, Food Packaging Deptt., Former Head, Tech Transfer and Business Development, CFTRI, Mysuru, Karnataka. (May 12, 2023)

17. Coordinator, Interactive talk on “BIG-BIRAC” by Dr. Saket Chattopadhyaya, Senior Manager, Foundation for Innovation and Technology Transfer (FITT), Indian Institute of Technology, Delhi organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (January 12, 2023)

18. Program Director of events held during Innovation week celebrated from October 06-13, 2022, organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, held at Amity University Uttar Pradesh, Noida, India (October 06-13, 2022)

19. Program Director, Panel Discussion on "Waste to Wealth" Theme: Bringing waste management to the forefront to build a zero-waste material, organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, held at Amity University Uttar Pradesh, Noida, India (October 13, 2022)

20. Program Director, event “Modellera 3.0” during Innovation week celebrated from October 06-13, 2022, organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, held at Amity University Uttar Pradesh, Noida, India (October 06, 2022)

21. Coordinator, Workshop on “PROFICIENCY TO INVEST”, with theme-Vocational knowledge for skill polishing in the field of financing and investment on the occasion of "Entrepreneurship Day celebration 2022" organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (August 25, 2022).

22. Coordinator, an event “Impulsion” organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (April 7, 2022)

23. Coordinator, an event “Inquisitorial” organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (March 3, 2022)

24. Coordinator, “Design Thinking: A game changer for entrepreneurship” organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (February 17, 2022)

25. Core Committee Coordinator, “Lakshaya, Idea Competition” in 4th International Conference on Entrepreneurship, Innovation & Leadership (ICEIL 2022) at Amity University Uttar Pradesh, Noida, India (January 20-22, 2022)

26. Core Committee Coordinator, “Startup Expo”, Science, Technology, Biosciences & Biotechnology Group, in Virtual 4th International Conference on Entrepreneurship, Innovation & Leadership (ICEIL 2022) at Amity University Uttar Pradesh, Noida, India (January 20-22, 2022)

27. Coordinator, Panel Discussion on topic “Innovation and Entrepreneurship Ecosystems in Industrial Biotechnology: Role in Circular Economy” in Virtual 4th International

Conference on Entrepreneurship, Innovation & Leadership (ICEIL 2022) at Amity University Uttar Pradesh, Noida, India (January 20-22, 2022)

28. Coordinator, Lecture Series' and panel discussion on theme "Prospects of skilling, innovation and entrepreneurship in healthcare and life sciences" under "Innovation, Entrepreneurship and Skilling Lecture Series' organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (October 30, 2021).

29. Coordinator, event "E.T.C" Eccentricity Tactics Contrivance to celebrate "INNOVATION DAY" on the auspicious occasion of Our former president of India LATE Dr. A. P. J. KALAM'S BIRTHDAY organized by UDHYAM- the Entrepreneurship Club & IIC, AIB, AUUP (October 7, 2021)

30. Coordinator, guest lectures and panel discussion on theme is- "Accelerated Translation of Innovations in Life Sciences Through Bio-Entrepreneurship and Skill Development" under "Innovation, Entrepreneurship and Skilling Lecture Series' organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (September 25, 2021).

31. Coordinator, Workshop on "Design Thinking- A structured way to harness your creativity & innovate" conducted by Dr. Neelam Saxena, Head, Amity Centre of Entrepreneurship Development (ACED) organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (September 02, 2021)

32. Coordinator, guest lectures and panel discussion on theme "Innovations, entrepreneurship development and skilling: Capacity building in life science, biotechnology and healthcare" under "Innovation, Entrepreneurship and Skilling Lecture Series' organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (August 28, 2021).

33. Coordinator, Guest lecture on topic "Taking the plunge: A talk on ideation-stage entrepreneurship and the supporting ecosystem in India" by Ms. Ragni Nathani, Program Manager, SPARSH, BIRAC, Startup Incubation & Innovation Centre (SIIC), Indian Institute of Technology, Kanpur, organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (August 26, 2021).

34. Coordinated as Session-in-charge of a session titled "The Pathway towards Entrepreneurship: Evolution of the Biotech Startup Ecosystem" Amity University Uttar Pradesh, Noida, India (June 14-18, 2021) in Ist International Conference on Students' Progression (ICSP'21) Theme: "Re-engineering Higher Education for Students' Progression: Skillsets that will Dominate in the Knowledge & Digital Economy" organized by Amity University Uttar Pradesh, Noida, India (June 24-26, 2021)

35. Coordinator, Workshop on "The role of body and mind in developing resilience & adaptability" by Dr. Shreya, Co-founder, The Happy Collar, organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (March 4, 2021)

36. Coordinator, Guest lecture entitled "Basics concepts and application of statistics" by Dr Arshad Jawed, Head, Statistical committee, University of Jazan, Saudi Arab, organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (February 27, 2021)

37. Coordinator, Workshop on "My Journey as an Entrepreneur- An interactive session" by Mr. Arun Tangri, Co-Founder TagTaste Foods, Pvt. Ltd. organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (January 28, 2021)

38. Coordinator, Guest lecture entitled "Enzymes - Insights in Industrial Applications" by Dr. Pavan Kumar, Head R & D, "The Catalysts Group Pvt. Ltd.", Ghaziabad, organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (October 31, 2020)
39. Coordinator, Guest lecture entitled "Skill Development Initiatives of LSSSDC and Govt of India for Life Sciences' Students" delivered by Mr Alok Jha, Cluster head for Northern states, Life sciences sector skill development council; (LSSSDC), organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (October 17, 2020)
40. Coordinator, Guest lecture entitled "High Throughput Bioanalysis in Early Drug Discovery & Development" to be delivered by Dr Deepak Barot, President and CEO, Prerana Bio-innovations Research Pvt. Ltd. (PBR), Gandhinagar, Gujarat, organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (October 17, 2020)
41. Coordinator, Guest lecture entitled "The Sucker Bits and Sticky Secrets of Mussel and Barnacle Proteins" Dr. Akshita Kumar Dhawan, Research Fellow at Biological and Biomimetic Laboratory, School of Material Science and Engineering, Nanyang Technological University, Singapore, organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (October 8, 2020)
42. Coordinator, Guest lecture entitled "Materials for energy and environmental applications" by "Dr. Sudhanshu Sharma, Assistant Professor, Indian Institute of Technology, Gandhinagar, Gujarat, organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (September 17, 2020)
43. Coordinator, Workshop on "Design Thinking" conducted by Dr. Neelam Saxena, Head, Amity Centre of Entrepreneurship Development (ACED) organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (April 29, 2020)
44. Coordinator, "Workshop and lecture on skill development and entrepreneurship in Biosciences and Biotechnology", by Dr. Gaurav Kumar Srivastava, Life Sciences Sector Skill Development Council (LSSSDC), New Delhi, organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (April 10, 2020)
45. Coordinator, Workshop on "Skill development and entrepreneurship in Biosciences and Biotechnology" conducted by Mr Tapeesh Bharti; Senior research scientist (Jubilant ChemSys Ltd, NOIDA) and trainer in skill development programmes developed by Life Sciences Sector Skill Development Council (LSSSDC) organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (August 17, 2019)
46. Coordinator, Guest lecture on "Skill development in Biosciences and Biotechnology" delivered by Dr Gaurav K Srivastava (PhD); Senior research scientist (Jubilant ChemSys Ltd, NOIDA) and subject matter expert in skill development programmes developed by Life Sciences Sector Skill Development Council (LSSSDC) organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (August 17, 2019)
47. Coordinator, event- "SAARTHI- A Talk Show" by Bio-entrepreneur, Mr. Ashwani Kumar Mishra (Founder DNA Xperts, Geneticist, Bioinformatician, Genetic counsellor, Innovator) organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology,

	<p>Amity University Uttar Pradesh, Noida, India (March 28, 2019)</p> <p>48. Coordinator, event- “MODELLERA” with theme- “Best out of Waste” organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (March 14, 2019)</p> <p>49. Coordinator, “An Idea Generation” workshop taken by Dr. Neelam Saxena, organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (September 6, 2018)</p> <p>50. Coordinator, Motivational talk on “MY STORY MY IDEA” delivered by an entrepreneur, Mr. Amanpreet Singh (Co-Founder F13, Technologies) conducted UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (September 6, 2018)</p> <p>51. Coordinator, “LOGOTRIX Competition” at inception of Entrepreneurship Cell and Udhyaam Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (August 9, 2018)</p>
EXTENSION ACTIVITIES ORGANISED:	<ol style="list-style-type: none"> 1. Resource person on session titled “Innovation Initiatives” in Orientation programme (UG Programmes) (I year students) Deekharambha, Academic year 2022-23, Amity Institute of Biotechnology, Amity University Uttar Pradesh, held at Amity University Uttar Pradesh, Noida, India (September 14, 2022) 2. Resource person on session titled “Value Addition Courses (VAC) for enhancement of employability skills: Innovation & Entrepreneurship” in Orientation programme (UG Programmes) (I year students) Deekharambha, Academic year 2022-23, Amity Institute of Biotechnology, Amity University Uttar Pradesh, held at Amity University Uttar Pradesh, Noida, India (September 12, 2022) 3. Resource person on session titled “Student’s Aspiration & Career Progression in Orientation programme (UG Programmes) (I year students) Deekharambha, Academic year 2022-23, Amity Institute of Biotechnology, Amity University Uttar Pradesh, held at Amity University Uttar Pradesh, Noida, India (September 12, 2022) 4. Resource person on session titled “Value Addition Courses (VAC) for enhancement of employability skills: Innovation & Entrepreneurship” in Orientation programme (PG Programmes) (I year students) Deekharambha, Academic year 2022-23, Amity Institute of Biotechnology, Amity University Uttar Pradesh, held at Amity University Uttar Pradesh, Noida, India (September 9, 2022) 5. Resource person on session titled “Student’s Aspiration & Career Progression in Orientation programme (PG Programmes) (I year students) Deekharambha, Academic year 2022-23, Amity Institute of Biotechnology, Amity University Uttar Pradesh, held at Amity University Uttar Pradesh, Noida, India (September 9, 2022) 6. Organized and coordinated (Program Director) the celebration of National Technology Day 2022 on Theme- “Integrated Approach in Science & Technology for Sustainable Future” on theme- “Integrated Approach in Science & Technology for Sustainable Future” at Amity University Uttar Pradesh, Noida, India (May 11, 2022) 7. Organized and coordinated a Session on “Women Empowerment and Bioentrepreneurship: Key to Sustainable Development towards Aatmanirbhar Bharat” in a Two-day international conference on “Strategies for Aatmanirbhar Bharat through SDGs and Gender Equality” at Amity University Uttar Pradesh, Noida, India (March 8 & 9, 2022) 8. Core Committee Coordinator, “Case Studies Competition” in 4th International Conference on Entrepreneurship, Innovation & Leadership (ICEIL 2022) at Amity University Uttar Pradesh, Noida, India (January 20-22, 2022) 9. Organized and coordinated International Symposium of Biotechnology & Biochemical Engineering (ISBBE-2021) on “Waste Management and Innovation for

Valorization: Enroute A Sustainable World and Future” organized jointly by Centre for Biotechnology & Biochemical Engineering, Amity Institute of Biotechnology and Amity University Kolkata on Virtual Platform (October 26 –27, 2021)

10. Coordinator, Refresher Course on Skill Enhancement-Quality Control-Microbiologist delivered by Life Sciences Sector Skill Development Council, New Delhi, organized by UDHYAM- the Entrepreneurship Club at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (24-25, 31 July; 1 August, 2021)
11. Organized and coordinated a workshop on Professional Skill Development and Enhancement Programme for Graduates at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (June 14-18, 2021)
12. Organized and conducted Faculty Workshop/Training on “Online Performance Based Appraisal System” alongwith Mr. Vishal Patel, Asstt. Professor, at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (December 24, 2020).
13. Organized and coordinated a Panel Discussion on topic “Industrial Biotechnology and its contribution to Bioeconomy” in Virtual 3rd International Conference on Entrepreneurship, Innovation & Leadership (ICEIL 2020) at Amity University Uttar Pradesh, Noida, India (December 17-19, 2020)
14. Organized Guest lecture entitled “Cyanobacterial Engineering” to be delivered by Dr. Aditya P. Sarnaik, Post-doctorate fellow at Department of Chemical Engineering, SEMTE, Arizona State University, Tempe, USA, at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (October 31, 2020)
15. Organized Webinar entitled "Extremozymes: Novel biocatalysis from extremophiles" by Dr. S. K. Khare, Dean (R&D) and Institute Chair Professor of Biochemistry, "Enzyme and Enzyme and Microbial Biochemistry Lab, Dept of Chemistry, Indian Institute of Technology, New Delhi, at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (May 6, 2020)
16. Organized Webinar entitled “Synthetic biology to produce terpenoid drugs”, by Dr. Shashi Kumar Rhode, Group Leader, Metabolic Engineering (Biofuels and Industrial Biotechnology), IGIB, New Delhi, at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (May 5, 2020)
17. Organized Webinar entitled "Future opportunities and developments in Indian Bio-economy" by Sh. S. R. Soni, Technology Head, Distillery/Alcohol Technology, India Glycols Ltd., India, at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (May 4, 2020)
18. Organized Webinar entitled “Current status of Pharma Sector and career opportunities in Life Sciences”, by Mr Jayaprakash, Trainer, Life Sciences Sector Skill Development Council, New Delhi, at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (May 4, 2020)
19. Organized Guest lectures entitled “Future Perspectives: Advances in Industrial Biotechnology: Part 1 & 2” by Sh. S. R. Soni, Technology Head, Distillery/Alcohol Technology, India Glycols Ltd., India, at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (January 30, 2020)
20. Organized workshop on “Development of Collaborative Research with Industry” by Sh. S. R. Soni, Technology Head, Distillery/Alcohol Technology, India Glycols Ltd., India, at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (January 30, 2020)
21. Organized Guest lecture entitled “Search and Discovery strategies with Advancements in Biotechnology” by Dr. Nagamani Bora, Assistant Professor & Course Director-Biotechnology, School of Science, University of Nottingham, United Kingdom

	<p>(October 17, 2016)</p> <p>22. Organized Guest lectures entitled “2G Ethanol Process & Technology Case study: An example of Innovation Engineering” and “Bio-Refinery Approach Sugar Platform” by Sh. S. R. Soni, Vice President, Distillery/Alcohol Technology, India Glycols Ltd., India, at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (October 14, 2016)</p> <p>23. Organized Guest lecture entitled “Apolipoprotein J and cytoprotection: Decades of research in less than one hour” by Dr. Claudia Koch, Professor, Department of Pharmacy and Biochemistry, Johannes Gutenberg-University Mainz, Germany, at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India (November 15, 2016)</p>
CONFERENCES/ WORKSHOPS /COURSES/ SEMINARS/SYMPOSIUMS /FDPS PARTICIPATED/ATTEND ED:	Total-194 (National & International Conferences)
ABSTRACT PRESENTED/PUBLISHED	89 (National & International Conferences)