

CURRICULUM VITAE

Name : **Dr. DINESH RAJ MODI**
Date of Birth : 12th February, 1962
Nationality : Indian
Address : Professor & Head, Department of Biotechnology
Dean, School of Biosciences and Biotechnology
Babasaheb Bhimrao Ambedkar University,
A Central University, Lucknow -226025, India
Education : **Ph. D Life Science** 1991, Thesis Title : “Biological action of common herbicides Machete, Basalin, DCMU, Atrazine and Propalin on unicellular and heterocystous cyanobacteria” University of Hyderabad, Hyderabad (AP). India.
M. Sc Microbiology 1985, passed in First Division, OGPA – 4.291/5.0 (80%), G. B. Pant University of Agriculture & Technology, Pantnagar, District- Nainital, (U.P), India.
B. Sc (Hons). 1982, passed in First Division , Osmania University, Hyderabad (A.P) India.

Employment:

19th Dec 2008 to till date : Professor, Department of Biotechnology.
Babasaheb Bhimrao Ambedkar University (A Central University) Vidhya Vihar, Raebareli Road, Lucknow.
29th Sept., 05- 18th Dec. 2008 : Associate Professor, Department of Biotechnology.
Babasaheb Bhimrao Ambedkar University (A Central University) Vidhya Vihar, Raebareli Road, Lucknow.
19th Dec 2000-28th Sep 2005 : Reader, Department of Biotechnology, Deen Dayal Upadhyay Gorakhpur University, Gorakhpur (UP).
17th Jan 1994-18th Dec 2000 : Lecturer, Department of Microbiology,
Dr. Ram Manohar Lohia Avadh University, Faizabad (UP).
11th Nov 1991-16th Jan 1994 : Assistant Professor, Department of Microbiology Hawabaag Women’s College Jabalpur (MP), Affiliated to Rani Durgawati University, Jabalpur (MP).

Awards and Honors:

- Recipient of Junior Research fellow from UGC under Scheme entitled “Regulation of Nitrogen fixation in Anabaena Cycadeae an Endophyte from Cycas” Under Prof. H N Singh, School of Life Sciences, University of Hyderabad, 1984-88.
- Recipient of Senior Research Fellow from CSIR. under Scheme entitled “Development of Genetic Methods for The Construction of Herbicide Resistant Diazotrophic Cyanobacteria for Use in Agriculture Under Prof. H N Singh, School of Life Sciences, University of Hyderabad, 1988-90.
- Recipient of **Best Poster Paper Award** in National Conference on Eco-Friendly Approaches in Sustainable Agriculture and Horticulture Production-2008.
- Elected as President, Biotech Research Society of India (U.P. Unit), Trivendrum, India.

Teaching Experience: 28 years

Number of Student Guided:

Ph. D – Fourteen (Completed), two (Ongoing)

M. Sc (Project /Dissertation) : 42

List of Publications

1. Singh D.T., Modi D.R. and Singh H.N. (1986). Evidence for Glutamine Synthetase and Methyl Ammonium Transport System as Two Distinct Primary Targets of Methionine-Sulfoxime Inhibitory Action in the Cynobacterium anabena dolium. FEMS Microbiology Letters. 37: 97-98.
2. Singh D.T., Bagchi S.N., Modi D.R. and Singh H.N. (1987). Evidence for Intergeneric Transformation in Filamentous Diazotrophic Cyanobacteria. New Phytol. 107: 347-356.
3. Singh D.T., Nirmala K., Modi D. R., Katiyar S. and Singh H.N. (1987). Genetic transfer of Herbicide Resistance Genes from Gloeocapsa Sp to Nostoc muscorum. Mol Gen Genet. 208(3): 436-38.
4. Modi D.R., Singh A.K., Rao K.S., Chakarvarty D. and Singh H.N. (1991). Construction of Multiple Herbicide Resistance Ammonia Excreting Strains of Cyanobacteria Nostoc Muscorum. Biotech. Lett . 13(11): 793-798.

5. Srivastava Suchi, Modi D.R., and Garg S.K. (1997). Production of Ethanol from Guava Pulp By Yeast Strains. *Biores. Technol.*, 60: 262-265.
6. Modi D.R., Garg S.K. and Johari B.N. (1998). Comparative Behaviour of Yeast Strains for Ethanol Fermentation of Culler Apple Juice. *Indian J .Expt Biol.*, 36: 728-731.
7. Modi D.R., Chandra Harish and Garg S.K. (1998). Decolourization of Baggasse based Paper Mill Effluent By White Rot Fungus *Trametes Versicolor*. *Biores. Technol.* 66: 79-81.
8. Sandhir R., Garg S.K. and Modi D.R. (1999). Genetic Engineering Modification of Yeast and Moulds. In: *Encyclopedia of Food Microbiology*. Robin R.K.(Ed), Academic Press, London. 907-916.
9. Sandhir R., Garg S.K. and Modi D.R. (1999). Genetics of Microorganisms Fungi. In : *Encyclopedia of Food Microbiology*. Robin R.K.(Ed), Academic Press, London. 921-929.
10. Garg S.K. and Modi D.R. (1999). Decolourization of Pulp- Paper Mill Effluent by White Rot Fungi . *CRC Crit. Rev. Biotechnology*, 19(2): 85-112.
11. Garg S.K., Chandra Harish and Modi D.R. (1999). Effect of Glucose and Urea Supplements on Decolourization of Baggasse and Gunny Bag-Based Pulp Paper Mill Effluent by *Trametes Versicolor*. *Indian J .Expt Biol.* 37: 302-304.
12. Srivastava Suchi, Modi D.R., and Garg S.K. (2000). Use of Guava Pulp for ethanol production by Yeast Strains. In: *Microbes: Agriculture Industry and Environment*. Maheshwari, D.K.et al (Eds). Bishen Singh Mahender Pal Singh Publ. Dehradun, India. 20-24.
13. Modi D.R., Garg S.K. and Johari B.N. (2000). Utilization of culled apples for ethanol production by Yeast Strains. In: *Microbes: Agriculture Industry and Environment*. Maheshwari, D.K.et al (Eds). Bishen Singh Mahender Pal Singh Publ. Dehradun, India. 9-18.
14. Modi D.R. (2004): *Microbiology of Waste Water (Sewage /Effluent) and solid Waste Treatment*. In: *Advances in Biotechnology of (1st Edition)* S.P. Gautam and M.P.Singh (Eds) Shree Publishers and Distributers. Publ.20 Ansari Road, Darya Gunj, New Delhi. 263-276.(ISBN: 81-88658-22-7)
15. Kumar A., Upadhyay G., Modi D.R., Singh M.P. (2007). The involvement of secondary signaling molecules in cytochrome P-450 1 a 1–Mediated inducible nitric oxide synthase expression in benzo(a)pyrene–treated rat polymorphonuclear leukocytes. *Science Direct Life Sciences* 81: 1575-1584.
16. Pandey S.N., Modi D.R., Choudhuri G., Mittal B. (2007). Slow Acetylator Genotype of N-Acetyl Transferase 2 (NAT2) IS associated with Increased Susceptibility to Gallbladder Cancer. *Cancer Biology and Therapy*. 6(1): 91-96.
17. Vishnoi M., Pandey S.N., Chowdhary G., Kumar A., Modi D.R., Mittal B. (2007). Do TNFA–308 G/A and IL6-174 G/C Gene Polymorphisms Modulate Risk of Gallbladder Cancer in North Indian Population? *Asian Pacific Journal of Cancer Prevention*, (8): 1-6.
18. Gupta V.K., Gupta A., Modi N. and Modi D.R. (2008) *Trichoderma: Biology and Biotechnology*. In: *Biotechnology of Microorganism in Agriculture –An Agro –Industry Approach*. Maheshwari, D.K. and Dubey , R.C. (Eds), I, K, International Pvt.Ltd, New Delhi.319-335.(ISBN-978-81-907462-0-5)
19. R. Pati, Gupta V.K., Srivastava N., Yadav L.P., Gupta A., Modi N. and Modi D.R. (2008) *Agrobacterium- As Natural Tool for Plant Genetic Engineering*. In: *Biotechnology of Microorganism in Agriculture–An Agro –Industry Approach*. Maheshwari, D.K. and Dubey , R.C. (Eds), I, K, International Pvt.Ltd, New Delhi. 436-459.(ISBN-978-81-907462-0-5).
20. Gupta, Gupta V.K., Modi D.R. and Yadava L.P. (2008). Production and characterization of α -amylase from *Aspergillus niger*. *Biotechnology*, 7(3): 551-556.
21. Monika Vishnoi, Sachidanand Pandey, Dinesh Raj Modi, Ashok Kumar, Balraj Mittal (2008). Genetic susceptibility of epidermal growth factor +61 A>G and transforming growth factor $\hat{1}509$ C>T gene polymorphisms with gall bladder cancer. *Human Immunology*, 69: 360-367.
22. Pratima Pandey, Sunil Pradhan, Dinesh Raj Modi, Balraj Mittal (2009). MTHFR and ACE gene polymorphisms and risk of vascular and degenerative dementias in the elderly. *Brain and Cognition* 71(3): 295-299.
23. P. Kumar, A.K. Mishra, B.K. Pandey, S.P. Misra and D.R. Modi (2009). Eco-friendly management of mango malformation (*Fusarium moniliforme* var. *subglutinans* = *Fusarium subglutinans*) through certain plant leaf extracts. *Journal of Ecofriendly Agriculture*, 49(1): 61-64.
24. P. Kumar, V.K. Gupta, A.K. Mishra, D.R. Modi and B.K. Pandey (2009). Potentials of molecular markers in plant biotechnology: a review. *Plant omics.*, 2,4,141-162.
25. Malik, M.A., Upadhyay, R, Mittal, R.D., Modi D.R., Zargar, S.A. and Mittal, B. (2009). Role of Xenobiotic-Metabolizing Enzyme Gene Polymorphisms and Interactions with Environmental Factors in Susceptibility to Gastric Cancer in Kashmir Valley. *Journal gastrointestinal Cancer.*, 40(1-2): 26-32.
26. Malik M.A., Upadhyay R, Mittal R.D, Modi D.R., Zargar S.A., and Mittal B. (2009). Association of NAT2 gene polymorphisms and susceptibility to Esophageal and gastric cancer in Kashmir valley. *Archives of Medical Research*. 40: 416-423.
27. Arvind K. Yadav , Alok K. Srivastava, Mahesh S. Yandigeri, Sudhanshu K. Kashyap, Dinesh R. Modi and Dilip K. Arora (2010). Characterization of indigenous copper resistant *Streptomyces* from chickpea (*Cicer arietinum* L.) fields *Ann Microbial.* (Online : DOI 10.1007/s 13213-010-0095-3). **I. F. 1.667**
28. A.K.Yadav, S.Vardhan., R.Kumar, N. Malviya, D.R. Modi, A.K. Srivastava, A.K. Saxena and D.K.Arora,(2010). Thermostable α -amylase: Production, purification and optimization from *Streptomyces* spp.. (*Proc.Nat. Acad.Sci.India*).80: 259-265
29. Gautam, N., Singh, K.P. and Modi, D.R. (2010). An overview of α -amylase production from starch by various fungal species. *International Journal of Biotechnology and Bioengineering Research*, 1(1): 63-72.

30. R Ravikumar, D.R.Modi, A.Bheemappa, L Manjunath, R.V.Hegde (2010). Determinants of Knowledge and Adoption of post harvest management practices among mango growers of Northern Karnataka. *Karnataka Journal of Agricultural Sciences* 23(4):606-611
31. P. Kumar, A.K. Mishra and D.R. Modi (2011). Current status of mango malformation in India . *Asian journal of Plant sciences*. 10(1): 1-23
32. P. Kumar, A.K. Mishra A.K. Srivastava and D.R. Modi (2011). Mapping of *Fusarium moniliforme* var. *subglutinans* from normal and malformed panicals and malformed seedlings of mango by recovery method. *Plant Archiev*, 11(1): 567-569.
33. Gautam. N., Singh, K.P. and Modi, D.R. (2011). Effectiveness of free and immobilized cells of *Aspergillus niger* in production of α -amylase from starch. *Asian Journal of Microbiology Biotechnology and Environmental Sciences*, 12(2): 289-294.
34. Pradeep Kumar, Ashok Kumar Mishra, Dinesh Raj Modi and Vijai Kumar Gupta (2012). Biocontrol potential of *Trichoderma* species against mango malformation pathogens. *Archives of Phytopathology and Plant Protection*. 45(10): 1237-1245
35. Pal Amit, Choudhary Manisha, Joshi Devesh Kumar, Tripathi Sandeep and Modi Dinesh Raj (2012). Alteration in Thyroid Hormones and Vitamins as Early Markers of Aluminium Induced Neurodegeneration in Rats. *International Journal of Research in Pharmacy and Science*. 2(2): 137-150.
36. Amit Pal, Vishwa Mohan, Dinesh Raj Modi, Rohit A. Sinha, Leena Rastogi, Praveen Kumar and Madan M. Godbole (2013). Iodine plus Omega-3 fatty acid supplementation augments rescue of postnatal neuronal abnormalities in iodine-deficient rat cerebellum. *British Journal of Nutrition* 110(4): 659-670.
37. Gautam, N., Singh, K.P. and Modi, D.R. (2013). Screening of soil fungi for α -Amylase activity. *Journal of Recent Advances in Applied Sciences (JRASS)*, 28: 110-112.
38. Pradeep Kumar, Madhu Kamle, Vijai Kumar Gupta, Brijesh Kumar Pandey, Ashok Kumar Misra and Dinesh Raj Modi (2013) Host Pathogen Interaction Study in Malformed affected Tissues of *Mangifera indica* L. *American Journal of Agricultural and Biological Sciences* 8 (3): 199-203.
39. Pradeep Kumar, Ashok Kumar Misra and Dinesh Raj Modi and Brijesh Kumar Pandey, (2013) Histopathological Study of Healthy and Malformed Tissues of Mango (*Mangifera indica* L) *An International Journal of Plant Research* 26(2): 372-376.
40. Jyoti Verma, Shikha, Dinesh Raj Modi and Sangeeta Saxena (2013). Characterization of Novel Alkaline Protease producing *Streptomyces* from alkaline soil of Lucknow (U.P.) *International journal of Pharma and Bio Sciences*. Apr; 4(2): (B) 214-224.
41. P. Kumar, V.K. Gupta, A.K. Mishra and D.R. Modi (2014). Molecular characterization of *Fusarium moniliforme* var. *subglutinans* Isolates. *Journal of Environmental Biology*.35(1):211-216
42. Sangeeta Saxena, Jyoti Verma, Shikha and Dinesh Raj Modi (2014). RAPD-PCR and 16S rDNA phylogenetic analysis of alkaline protease producing bacteria isolated from soil of India: Identification and detection of genetic variability. *Journal of Genetic Engineering and Biotechnology*. (In Press)
43. Madhukar Saxena, Mayur Sharma and Dinesh Raj Modi (2014). Role and Involvement of Leptin: Disease and Disorders. *Research and Reviews in Biosciences*. (In Press)
44. Jai Godheja, Sudhir K. Shekhar and D.R Modi (2014). Advances in Molecular Biology approaches to gauge microbial communities and bioremediation at contaminated sites. *International Journal of Environmental Bioremediation and Biodegradation*, 2014, Vol. 2, No. 4, 167-177.
45. Jai Godheja, Sudhir K. Shekhar, D.R. Modi (2104). The standardization of protocol for large scale production of sugarcane (co-86032) through micro propagation. *International Journal of Plant, Animal and Environmental Sciences*, 2014 Vol-4, No-4, ISSN2231-4490.
46. Jai Godheja, Sudhir K Shekhar, DR Modi and T Chatterjee (2014). Use of Polymerase Chain Reaction for the Detection of Banana Bunchy Top Virus Infection in Three Successive Generation of Banana. *Journal of Annals of Plant Sciences*, ISSN: 2287-688X,.
47. Sudhir K Shekhar, Jai Godheja, DR Modi and Jyotsana k. Peter (2014). Growth potential assessment of Actinomycetes isolated from petroleum contaminated soil. *Journal of Bioremediation and Biodegradation*, Vol. 5, No. 5.
48. Sudhir K Shekhar, Jai Godheja and DR Modi (2014). Hydrocarbon Bioremediation Efficiency by five Indigenous Bacterial Strains isolated from Contaminated Soils. *International Journal of Current Microbiology and Applied Sciences*. (Accepted)
49. Jai Godheja, Sudhir K. Shekhar and D.R Modi (2015). Biodegradation of One Ring Hydrocarbons (Benzene & Toluene) and Two Ring Hydrocarbons (Acenaphthene and Naphthalene) By Bacterial Isolates Of Hydrocarbon Contaminated Sites Located In Chhattisgarh: A Preliminary Study. *International Journal of Environmental Bioremediation and Biodegradation*.
50. A Jaiswal, N Prasad, V Agarwal, B Yadav, H Singh, DR Modi (2015) Fp113 differential Alteration In Peripheral T Regulatory And T Effector Cells With Change In P Glycoprotein Expression In Childhood Nephrotic Syndrome A Longitudinal Study.
51. SK Shekhar, J Godheja, DR Modi (2015) Hydrocarbon bioremediation efficiency by five indigenous bacterial strains isolated from contaminated soils.
52. BC Misra, SK Rath, DR Modi (2015) Analysis of Single Nucleotide Polymorphisms (SNPs) in some Drug Metabolizing Genes in selected Indian sub Populations.

53. P Kumar, M Kamle, AK Misra, A O'Donovan, M Pagano, DR Modi (2016) Identification and characterization of *Fusarium mangiferae* as pathogen of mango malformation in India.
54. J Godheja, SK Shekhar, SA Siddiqui, DR Modi (2016) Xenobiotic compounds present in soil and water: a review on remediation strategies.
55. NK Kharwar, KN Prasad, VK Paliwal, DR Modi (2016) Association of NOD1 and NOD2 polymorphisms with Guillain-Barré syndrome in Northern Indian population
56. NK Kharwar, KN Prasad, M Rai, VK Paliwal, DR Modi (2016) Association Of TLR2 And IL-8 Polymorphisms And Their Expression In Guillain-Barre Syndrome
57. J Godheja, SK Shekhar, GNV Satyanarayan, SP Singh, DR Modi (2017) Antibiotic and Heavy Metal Tolerance of Some Indigenous Bacteria Isolated From Petroleum Contaminated Soil Sediments with A Study of Their Aromatic Hydrocarbon Degradation.
58. J Godheja, SK Shekhar, DR Modi (2017) Bacterial Rhizoremediation of Petroleum Hydrocarbons (PHC)
59. A Rawat, RK Srivastava, D Dubey, A Guleria, S Singh, A Prakash, DR Modi (2017) Serum metabolic disturbances hailing in initial hours of acute myocardial infarction elucidated by NMR based metabolomics
60. NK Kharwar, KN Prasad, K Singh, VK Paliwal, DR Modi (2017) Polymorphisms of IL-17 and ICAM-1 and their expression in Guillain–Barré syndrome
61. D Dubey, S Chaurasia, A Guleria, S Kumar, DR Modi, R Misra, D Kumar (2018) Metabolite assignment of Ultra-Filtered Synovial Fluid extracted from knee joints of Reactive Arthritis patients using High Resolution NMR spectroscopy
62. S Singh, SA Siddiqui, S Tripathy, S Kumar, S Saha, R Ugale, DR Modi (2018) Impaired histone acetylation in the Infralimbic Prefrontal Cortex following Immediate extinction may result in deficit of extinction memory.

Book Chapters

1. Gupta, V.K., Gupta, A., Modi, N. and Modi, D.R. (2008). Trichoderma: Biology and Biotechnology, In: Potential Microorganisms For Sustainable Agriculture A Techno-Commercial Perspective, Ed. Maheshwari, D.K., I.K. International Pvt.Ltd., New Delhi. Pp.319-335 (ISBN: 8190746205).
2. Pati. R., Gupta, V.K., Yadava, L.P., Srivastava, N., Gupta, A., Modi, N. and Modi, D.R. (2008). Agrobacterium as Natural Tool for Plant Genetic Engineering. In: Potential Microorganisms For Sustainable Agriculture A Techno-Commercial Perspective, Ed. Maheshwari, D.K., I.K. International Pvt.Ltd., New Delhi. Pp.436-459 (ISBN: 8190746205).
3. D. R. Modi (2004): Microbiology of Waste Water (Sewage/ Effluent) and Solid Waste Treatment In: Advances in Biotechnology (1st Edition) S P Gautam and M P Singh (Eds). Shree Publishers and Distributors. Publ.20 Ansari Road Daryaganj, New Delhi. 263-276.
4. Suchi Srivastava, D R Modi, and S K Garg (2000): Use of Guava Pulp For Ethanol Production By Yeast Strains In: Microbes: Agriculture Industry And Environment. Maheshwari, DK et al (Eds) . Bishen Singh Mahender Pal Singh Publ. Dehradun India .
5. D. R. Modi, S.K Garg and B. N. Johari (2000): Utilization of Culled Apples for Ethanol Production By Yeast Strains. In: Microbes: Agriculture Industry and Environment. Maheshwari, DK Et Al (Eds). Bishen Singh Mahender Pal Singh Publ. Dehradun India .
6. R. Sandhir, S K Garg and D R Modi (1999): Genetic Engineering Modification of Yeast and Moulds. In: Encyclopedia of Food Microbiology. Robin R K (Ed), Academic Press, London, 907-916.
7. R. Sandhir, S K Garg and D R Modi (1999): Genetics of Microorganisms: Fungi. In: Encyclopedia of Food Microbiology. Robin R K (Ed), Academic Press, London, 921-929.
8. Sudhir K shekhar, Jai Godeja, Dinesh Raj Modi (2018). Bioremediation of Industrial Waste for Environmental Safety - Volume II: Biological Agents and Methods for Industrial Waste Management. Springer Nature, Singapore, <https://www.springer.com/in/book/9789811334252>.

Conferences, Symposium and Workshop Attended.

Sl. No.	Name of the Seminar/ Conference / Symposia / Workshop, etc.	Name of the Sponsoring Agency	Place and Date
1.	101 st Indian Science Congress	Government of India	Jammu University of Jammu 3 rd - 7 th Feb.2014
2.	International Conference on Environmental Technologies and Sustainable Development	DST, Ministry of Science and Technology G.O.I, Ministry of New & Renewable Energy	Department of Env. Science B.B.A.U., Lucknow 21 st -23 rd Feb. 2014
3.	2 nd Lucknow Science Congress	B.B.A.U., Lucknow	Lucknow 27 th -28 th March 2014
4.	1 st Lucknow Science Congress “Innovations in Science for Better Tommorrow”	B.B.A.U., Lucknow	Lucknow 20 st -21 nd March 2013

5.	International Conference on “Advances in Chemical Engineering	ONGC, & CGCOST	NIT Raipur 05 th and 06 th , April 2013
6.	National Seminar on Frontiers in Modern Biology : From Discovery to Applications	UGC Sponsored Central Region Office Bhopal M.P.	Department of Botany and Microbiology, Jabalpur 6 th -7 th Sep. 2013
7.	Symposium on Recent Advances in Biochemistry and Biotechnology: Application in Health,	Department of Biotechnology Government of India New Delhi	Lucknow University 29 th -31 st Oct. 2013
8.	International Conferencence on Environmental Health Industrial Biotechnology	CSIR,ICMR, DRDO, INSA	MNIT Allahabad 21 st - 23 rd Nov.2013
9.	National Seminar held on “Environmental Protection and Sustainable Development	Chattisgarh Council of Science & Technology(CGCUST)	Institute of Technology Raipur 16 th , Feb 2013
10.	National Conference on Bioremediation-A Promising Technology For Clean India	UGC Sponsored	Department of Biotechnology, Isabella Thoburn College, Lucknow 24th-25th March 2012
11.	In: Global Conference on Augmenting Production and Utilization of Mango	International Society for Horticultural Science (IHS), SDHS & ICAR)	C.I.S.H, Lucknow Lucknow 21st-24th June 2011
12.	In:7thAnnual Conference: Indian Association of Medical Microbiologists	Department of Microbiology Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow	Department of Microbiology (S.G. P.G. I. M.S.)Lucknow 5th-6th Feb. 2011
13.	In:International Conference on Aquatic Microbiology(Status Challenges and opportunities)	Faculty of Marine sciences, Annamalai University, Parangipettai	Parangipettai 2nd-4th Sep. 2010
14.	National Conference Biotech World 2010	Department of Biotechnology, Dayanand Academy of Management Studies (DAMS) Govind Nagar, Kanpur , U.P.	Department of Biotechnology Govind Nagar, Kanpur , U.P. 20th February.
15.	International Conference on Cooling the Earth:Tactics for Restoring Climate Order	Department of Environmental Science, College of Basic Sciences and Humanities, G.B. Pant University of Agriculture and Technology	Department of Environmental Science Pantnagar 15th-17th Nov 2010
16.	IInd International Conference on climate change and sustainable management of natural resources	MPCST and ITM University	ITM University Campus, Gwalior (M.P.) 5th-7th Dec. 2010
17.	In: National Conference on New Horizon in Plant Sciences	DST Govt. of India	Meerut 23rd-24rd Oct. 2010
18.	National Conference on “Biofunctions, Biodiversity and Plant Resource Utilization.”	DST, CSIR, SCST, UGC	Department of Botany, D.D.U. Gorakhpur University, Gorakhpur, 30th -31st January,, 2009
19.	National Seminar on Biotechnology and Microbiology in Human Welfare	DBT, DST, ICMR & RCST	Laxmangarh, Rajasthan 26th -27th September 2009
20.	National Seminar on “Sustainable Horticultural Research in India: Perspective, Priorities &Preparedness”	Department of Applied Plant Science (Horticulture) School for Biosciences and Biotechnology, B.B. Ambedkar University, Lucknow	Department of Applied Plant Science (Horticulture), School for Biosciences and Biotechnology, B.B. Ambedkar University, Lucknow. 14th -15th April, 2008.

21.	In 3rd International Congress on Bioprocesses in Food Industries (ICFB) & 5th Convention of Biotech Research Society of India (BRSI)	DBT,DST,CSIR,ICMR,UGC,NA BARD, MoES, APSCHE, APCOST, DRDO, INSA, DOD, Osmania University	Department of Botany, Osmania University, Hyderabad, India 6th -7th November, 2008
22.	Nation Conference on “Eco-friendly Approches in sustainable Agriculture and Horticulture Production.”	CSIR, DST, CST, INSA,NCOF, Kribhco, Godrej Agrovvet, EiD Parry, Excel Crop Care, Monsanto Imagine	Amity University , Lucknow Campus, Lucknow 28th – 30th November, 2008
23.	National Symposium on Microbial Diversity and Plant Health Problem	Department of Botany	D.D.U. Gorakhpur University, 18-19 December 2006

Book Published:

Kamal, G. P. Rao and D. R. Modi (2005) Concepts of Microbiology: International Book Distributing Co (Publishing Division) Khushnuma Complex 7, Meera Bai Marg, Lucknow.

Members of Professional Societies:

- | | | |
|--|---|-------------|
| (a) Association of Microbiologists of India | - | Life Member |
| (b) Biotech Research Society of India | - | Life Member |
| (c) Society of Biological Chemists, India | - | Life Member |
| (d) Association for the Promotion of DNA Fingerprinting and other DNA Technologies (ADNAT) | - | Life Member |
| (e) Indian Science Congress | - | Life Member |

Members of Academic & Administrative Committees/ Bodies:

- Chairman, School Board Committee, School of Life Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow. (U.P.) 2017-2020.
- Chairman, Board of Post Graduate Studeis in Biotechnology, Babasaheb Bhimrao Ambedkar University, Lucknow. (U.P.) 2017-2020.
- Member, Board of studies in Biotechnology, Mahatma Gandhi Central University, Motihari, Bihar. 2017-2020.
- Member, Board of studies in Biotechnology, D. D. U. Gorakhpur University, Gorakhpur, (U.P.) 2018-2021.
- Member, Board of Studies in Biotechnology, Allahabad State Universssity, Allahabad, (U.P.) 2017-2020.
- Deputy Proctor, Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow. 2015 to till
- Member, Academic Council Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow. 2008 to till.
- Member, Board of Management, Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow. 2011-2014.
- Member, Board of Studies in Microbiology, Dr. R.M.L. Avadh University, Faizabad, U.P. from 2013 to 2016.
- Member, Executive Committee, Council of Science & Technology, Uttar Pradesh, 2011-2013.
- Inspection Officer, M. Sc Biotechnology course under Self Finance Programme at Dayanand Girls College affiliated to Chatrapati Sahuji Maharaj University, Kanpur, (U.P) 2010.
- Member, Interview Board, National Talent Search Scheme 2010, Department of Educational Measurement and Evaluation, National Council of Education Research & Training, New Delhi.
- External Observer, Examination Centre, Combined Pre Medical Test (CPMT) 2010, Government of Uttar Pradesh.
- External Member, Board of Studies (Science), Faculty of Arts, Science and Commerce, Mody Institute of Technology and Science, Laksmangarh, Sikar, Rajasthan. 2010-2012.
- Member, Planning Board, , Babasahib Bhimrao Ambedkar University (A Cental University) “Vidya Vihar” Raebareli Road, Lucknow. 2009- 2011.
- Head, Department of Biotechnology, Babasahib Bhimrao Ambedkar University (A Central University) “Vidya Vihar” Raebareli Road, Lucknow 226025 (U.P). 2008-11.
- Officer in Charge: University Guest House, Babasahib Bhimrao Ambedkar University, Lucknow (U.P) 2006-10.
- Member, Academic Council, Babasahib Bhimrao Ambedkar University (A Cental University) “Vidya Vihar” Raebareli Road, Lucknow(U.P). 2005- 2011.
- Member, Board of Studies in Biotechnology for Post Graduate Course (M.Sc.Biotechnology) , Babasahib Bhimrao Ambedkar University, Lucknow (U.P) 2005 To Till Date.
- Member, School Board, School for Biosciences & Biotechnology, Babasahib Bhimrao Ambedkar University, Lucknow (UP) 2005 To Till Date.
- Co-Coordinator, All India Biotechnology Entrance Test -2005, Deen Dayal Upadhyay University, Gorakhpur (UP).

22. Member, Board of Studies in Microbiology for Post Graduate Course (M.Sc. Industrial Microbiology), Deen Dayal Upadhyay University, Gorakhpur (UP). 2005-08.
23. Member, Board of Studies in Microbiology for Post Graduate Course (M.Sc. Applied Microbiology), Veer Bhadur Singh Purvanchal University, Jaunpur (U.P) 2004-08.
24. Head, Department of Biotechnology, Deen Dayal Upadhyay University, Gorakhpur (U.P) 2004-05.
25. Member, Board of Studies in Biotechnology for Post Graduate Course (M.Sc. Biotechnology), Deen Dayal Upadhyay University, Gorakhpur (UP) 2001-2005.
26. Head, Department of Biotechnology, Deen Dayal Upadhyay University, Gorakhpur (U.P) 2000-02.
27. Co-Coordinator, All India Biotechnology Entrance Test, Deen Dayal Upadhyay University, Gorakhpur (U.P). 2001.
28. Member, Finance Resource Mobilization Committee, Dr. R.M.L. Avadh University, Faizabad (U.P) 1999-2000.
29. Member, Science Faculty Board, Dr. R.M.L. Avadh University, Faizabad (U.P) 1999-2000.
30. Secretary, Chapter of Association of Microbiologist of India at Department of Microbiology, Dr. R M L Avadh University, Faizabad (U.P) 1994-2000.
31. Member, Co-Ordination Committee "University Silver Jubilee Year Celebrations 1998" Dr. R M L Avadh University, Faizabad (U.P) 1998.
32. Member, University Library Management Committee, Dr. R M L Avadh University, Faizabad (U.P) 1998-99.
33. Member, Co-Ordination Committee "Youth Festival" Dr. R M L Avadh University, Faizabad (U.P) 1998.
34. Member, of University Examination Coding Cell, Dr. R M L Avadh University, Faizabad (U.P) 1996-98.
35. Member, Board of Studies in Microbiology for Post Graduate Course (M.Sc. Microbiology), Dr. R M L Avadh University, Faizabad (UP) 1994-97.

Extension and Community Activities:

a) All Indian Radio Talks On Topics :

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| 1. Blood Donation – How Much Save? | |
| 2. Water Pollution – Awareness. | 5. Environment Pollution and Its Adverse Effect on Mankind. |
| 3. Water Pollution and Methods of Preservation. | 6. Transgenic Plants and Their Future. |
| 4. AIDS- Why, To Whom, How? | 7. Biotechnology : New Dimensions |

- b) Community Teaching on Public Health and Hygiene, Immunization etc. In Villages (District: Faziabad) Under Adult Education Programme at Dr. R M L Avadh University, Faziabad (U.P).**

(D.R. Modi)