

CURRICULUM VITAE

Dr. ISKA BHASKAR REDDY

Professor
Department of Biochemistry
Institute of Science
GITAM University
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1. Personal Profile:

Name : Iska Bhaskar Reddy

Father's Name : Iska Venkatarami Reddy

Date & Place of Birth : 11th March, 1955
Nellore, Nellore District
Andhra Pradesh, INDIA

Marital Status : Married

Spouse's Name : Iska Neeraja

Nationality : Indian

Address for communication : 50-103-1/2, Flat No.3
Pampana's Residency
TPT Colony
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Permanent address: D. No. 27/1/38
1st Lane, Ramji Nagar
Opp. Children's Park
Nellore- 524 003 (A.P.)
India

2. Educational Qualifications:

Name of the Degree	Branch/ Specialization	Year of Passing	Class obtained	% of marks	University/ Institute
B.Sc.	Botany Zoology Chemistry	1976	First	73.6	SV University
M.Sc.	Biochemistry	1979	First	72	Andhra University
Ph.D.	Biochemistry	1994	--	--	Andhra University

3. Administrative Experience:

- ❖ Head of the Department, Biochemistry, GITAM University : 2004 - 2013
- ❖ Director of Academic affairs, GITAM University : 2009 - 2011
- ❖ Director of Evaluation, GITAM University : 2007 - 2009
- ❖ Chief Superintendent, Examinations, GIS, GITAM University : 2004 - 2007
- ❖ Asst. Chief Superintendent, Examinations, GIT, GITAM university : 2002 - 2004

4. Teaching Experience: 25 Years

- 2016 – Till date** : Professor of Biochemistry & Director, M R P G college, Phool Baugh, Vizianagaram- 535 002
- 2007 – 2015** : Professor & Head, Dept. of Biochemistry, Institute of Science, GITAM University
- 2001 – 2007** : Associate Professor, Dept. of Biochemistry, Institute of Science, GITAM University
- 1996 – 2001** : Teacher Associate, Dept. of Biotechnology, Andhra University
- 1990 – 1996** : Assistant Professor in Biochemistry, Mrs. A.V.N. College, Affiliated to Andhra University

Subjects specialized in teaching (Theory and Practical)

- ❖ Clinical Biochemistry
- ❖ Cancer Biology
- ❖ Immunology
- ❖ Molecular Biology
- ❖ Nutritional Biochemistry
- ❖ Physiology and Endocrinology
- ❖ Medical Biochemistry
- ❖ Nano- Biotechnology
- ❖ Enzyme Technology
- ❖ Protein Engineering
- ❖ Biochemical and Biomedical Techniques
- ❖ Genetic Engineering
- ❖ Animal and Plant Biotechnology
- ❖ Environmental Biotechnology
- ❖ Industrial Biotechnology and Microbiology

5. Research Experience: 35 Years

Ph.D.'s guided: 8

Pursuing: 2

- ❖ Mr. K. Venkata Reddy awarded Ph.D. degree in Biochemistry from GITAM University for the thesis entitled “**Studies on ocratoxin- A and ochratoxigenic fungal species isolated from infested cereal grains**”.

- ❖ Mr. B. Rajesh awarded Ph.D. degree in Biochemistry from GITAM University for the thesis entitled “**Studies on isolation, purification and characterization of lipase from organic solvent tolerant *Lysinibacillus fusiformis* C5 (MTCC 11801)**”.
- ❖ Ms. D. R. Aruna Bindu awarded Ph.D. degree in Biochemistry from GITAM University for the thesis entitled “**Studies on alkaline protease isolated from *Bacillus Stratosphericus* DF1 (MCC 2230) and bioprocess development for enhanced production**”.
- ❖ Ms. S. Silpa awarded Ph.D. degree in Biochemistry from GITAM University for the thesis entitled “**Studies on a cysteine protease from the latex of *Vallis solanacea***”.
- ❖ Ms. D. Neelima awarded Ph.D. degree in Biochemistry from GITAM University for the thesis entitled “**Studies on isolation, purification and characterization of amylase produced by *Bacillus subtilis* SS7 (MCC 2223)**”.
- ❖ Mr. A. Krishna Chaitanya awarded Ph.D. degree in Biochemistry from GITAM University for the thesis entitled “**Identification of drug targets for *Bacillus anthracis* using *in silico* approaches and *in vitro* antibacterial activity evaluation of ligand ‘ACEPHA’ using *Bacillus subtilis* as model organism**”.
- ❖ Ms. CH. Mina Kumari submitted Ph.D. thesis entitled “**Studies on alpha amylase isolated from *Bacillus cereus* A4 (MCC 2248) and bioprocess development for enhanced production**” for the award of Ph.D. degree in Biochemistry from GITAM University.
- ❖ Ms. K Vishnupriya submitted Ph.D. thesis entitled “**Studies on lipase isolated from *Bacillus subtilis* and bioprocess development for enhanced production**” for the award of Ph.D. degree in Biochemistry from GITAM University.

M. Phil.’s guided: 2

Pursuing: 1

- ❖ Mr. K. Sandeep Solmon awarded M.Phil. degree in Biochemistry from Global open University for the dissertation entitled “**Pharmacophore based inhibitor optimization for LipL32 protein in pathogenic *Leptospira* species**”.
- ❖ Mr. P. Anand awarded M.Phil. degree in Biochemistry from Annamalai University for the dissertation entitled “**Evaluation of serum arginase and acid phosphatase levels in human breast cancer**”.

Research Projects:

- I. Co-Investigator – “**Therapeutic potentials of CD151 gene silencing using siRNA in breast cancer**” sanctioned by Department of Science and Technology (DST), Govt. of India under SERB for a period of 3 years (2013 - 2016).

Concept of the proposal:

CD151 is an adhesion protein known to regulate metastatic potential of breast cancer. RNA interference (RNAi) is a phenomenon of gene silencing developed as a prompt and highly-effective method to inhibit the expression of specific genes. The objectives of the present study include:

- ❖ To evaluate the effect of different vectors expressing siRNA against CD151 on expression of CD151 in breast cancer cell lines.
- ❖ To evaluate the effect of selected pCD on growth and invasiveness of breast cancer cell lines *in vitro*.
- ❖ To determine the effect of pCD on the molecular mechanisms of proliferation, apoptosis and angiogenesis.
- ❖ To determine the in vivo effects of the pCD on invasive behavior and tumorigenicity in nude mice.

Significance:

The developed CD151 shRNA expression vector inhibits the proliferation, invasion, adhesion, migration and angiogenesis of breast cancer. The potential use of siRNAs targeting CD151 as therapeutic agents is exciting and also holds great promise for the treatment of breast cancer both at early and advanced stages.

- II. Co- Investigator – **“Role of lipid rafts in the regulation of angiogenic mechanisms in breast cancer”** sanctioned by University Grants Commission (UGC), Govt. of India entitled for a period of 3 years (2013 - 2016).

Concept of the proposal:

Invasive breast cancer is one of the commonest cancers among women in India, particularly in the urban areas. Angiogenesis, formation of new blood vessels from pre-existing ones is critical for metastasis of solid tumors. The objectives of this study include:

- ❖ To evaluate the role of lipid rafts in breast cancer cell growth using cholesterol depleting agent *in vitro*.
- ❖ To evaluate the role of lipid rafts in invasiveness of breast cancer cell lines *in vitro*
- ❖ To determine the role of lipid rafts in the molecular mechanisms of angiogenesis.
- ❖ To determine the role of lipid rafts in regulation of proteins associated with angiogenesis and tumor growth.

Significance:

Identification of key mediators involved in breast cancer growth. Disruption of lipid rafts leads to inhibition of angiogenesis mediated breast cancer growth and metastasis. These studies are useful for development of therapeutics for breast cancer treatment.

Research Publications: 33

- 2015** Amajala Krishna Chaitanya, **I Bhaskar Reddy** and Kunal Zaveri, “*In silico* proteome screening to identify prospective drug targets in *Bacillus anthracis*”. International Journal for Computational Biology(IJCB), Vol. 4(2),p.p.21-30.
- 2015** K. Zaveri, A. Krishna Chaitanya and **I Bhaskar Reddy**, “Virtual screening and docking studies of identified potential drug target: Polysaccharide deacetylase in *Bacillus anthracis*”, International Letters of Natural Sciences, Vol. 7, p.p.70-77.

- 2015** Vishnu Priya Kalapatapu and **I Bhaskar Reddy**, "A Study of thermostable and UV resistant Lipase producing *Bacillus Specie*", *International Journal of Advance Research*, Vol.3(3) Online ISSN 2320-916X
- 2013** Amajala Krishna Chaitanya, **I. Bhaskar Reddy**, P. Minakshi Kumari, Kunal Zaveri and DSVGK Kaladhar, "Homology modeling and structural analysis of DNA binding response regulator of *Bacillus anthracis*", *International Journal of Scientific Research (IJSR)*, Vol.8 (2), p.p. 32-34.
- 2013** D. Neelima and **I. Bhaskar Reddy**, "Isolation and characterization of amylase producing *Bacillus subtilis* strain SS7 from flour mill waste dump soil and optimization for amylase production, *International Journal of Recent Scientific Research*, Vol.4(12), p.p.2149 - 2154.
- 2013** D. Raga Aruna Bindu, S.Silpa, B. Rajesh and **I. Bhaskar Reddy**, "Isolation and identification of A novel strain *Bacillus stratosphericus* DF producing alkaline protease and optimization of enzyme production" *International Journal of Scientific & Engineering Research*, Vol.4(11), p.p. 444-451.
- 2013** B. Rajesh, Ch. Usha Devi, D. Raga Aruna Bindu, and **I. Bhaskar Reddy**, "Screening and microbial characterization of lipase producing organic solvent tolerant *Lysinibacillus fusiformis* C5 (MTCC 11801) *International Journal of Scientific & Engineering Research*, Vol.4(11), p.p. 427-432.
- 2013** K. Venkata Reddy, S.R. Priyanaka and **I. Bhaskar Reddy**, "A multiplex PCR based method for the detection of agriculturally important aflatoxigenic and ochratoxigenic fungal species from cereals", *Int. J. Pharm. Bio., Sci.*, Vol. 4(2):(B),p.p. 884 -893.
- 2013** K. Venkata Reddy, K. Naveen and **I. Bhaskar Reddy**, "Incidence and molecular detection of ochratoxigenic fungi from Indian cereal grains" *International Journal of Pharma Bio Sciences*, Vol. 4(3):(B), p.p. 31-40.
- 2012** Amajala Krishna Chaitanya, DSVGK Kaladhar, S. Suresh and **I. Bhaskar Reddy**, "Comparative sequence and structural conformation analysis of Reca protein", *International Journal of Biomedical Research (IJBR)*, Vol. 3(9) p.p. 386-390.
- 2012** Amajala Krishna Chaitanya, VSV Ravi Chandu, DSVGK Kaladhar and **I. Bhaskar Reddy**, "Epitope modeling, comparative mutation & structural stability analysis of Influenza A Virus H1N1", *Drug Invention Today*, Vol. 4(3), p.p. 351-354.
- 2012** Amajala Krishna Chaitanya, MTP Mahalakshmi, **I. Bhaskar Reddy** and DSVGK Kaladhar, "Methylation profiling of tumor suppressor genes involved in various cancers and structural analysis of rassf1 protein", *International Journal of Current Biomedical and Pharmaceutical Research (IJCPR)*, Vol. 2(1), p.p. 208-212.
- 2012** K.Vijaya Rachel, K. Sandeep Solmon, P. Kiranmayi, **I. Bhaskar Reddy** and D. Siva Prasad, "In silico modeling and docking studies of Soap Nut Trypsin Inhibitor", *Process Biochemistry*, Vol. 47, p.p.453-459.
- 2012** Krishna Chaitanya Amajala, A. Vishwanath, DSVGK Kaladhar and **I. Bhaskar Reddy**, "Methylation profiling of tumor suppressor genes involved in lung cancer", *Journal of Drug Delivery & Therapeutics*, Vol.2(4), p.p.85-89.

- 2011 A. Krishna Chaitanya, **I. Bhaskar Reddy** and DSVGK Kaladhar, "Comparative docking studies on inhibitors of anti-apoptotic proteins", International Journal of Pharmacy & Technology (IJPT), Vol. 3(1), p.p.1515-1519.
- 2011 A. Krishna Chaitanya, **I. Bhaskar Reddy**, DSVGK Kaladhar and GNV Santhosh, "Huntingtin protein modeling and structure alignment studies, International Journal of Pharma and Bio Sciences (IJPBS), Vol.2(1), p.p. 147-152.
- 2011 Ch.Mina Kumari, and **I. Bhaskar Reddy**. "Optimization of cultural conditions for the production and activity of thermostable amylase by using *Bacillus* strain A₄" Asian Journal of Chemistry, Vol. 23(4), p.p.1786 – 1788.
- 2010 Ch.Mina Kumari, **I. Bhaskar Reddy**, K Vijaya Rachel, "Free radical scavenging and antioxidant activity of methanolic extract of *Syzygium aromaticum*", "Biosciences, Biotechnology Research Asia", Vol. 7(2), p.p. 833-840.
- 2010 Ch. Mina Kumari, **I. Bhaskar Reddy**, and K. Vijaya Rachel, "Study on the amylolytic activity of bacteria isolated from flour mill waste", Journal of pure and applied microbiology, Vol. 4(2), p.p. 823-826.
- 2010 Seema Kumari, M.Rama Rao, **I. Bhaskar Reddy** and V.Rama Rao, "Study on radical scavenging activity and analysis of bioactive compounds in selected Indian medicinal plants", Biosciences Biotechnology Research Asia, Vol. 7(2), p.p. 913-918.
- 2009 DSVGK Kaladhar, KVVV Satyanarayana and **I. Bhaskar Reddy**, "Biochemical and antimicrobial studies of the genus *Jatropha excise*", Biosciences, Biotechnology Research Asia, Vol. 6(01), p.p. 331-336.
- 2008 M. Rama Rao, **I. Bhaskar Reddy**, S.V. Raja Gopal, A.D. Naveen Kumar, A. Rames and T. Kartika, "Effect of *Holoptelea integrifolia* bark extract on radical scavenging and 5'-lipoxygenase activities", Biomedical and pharmacology Journal, Vol.1(2), p.p.349-358.
- 2008 N. Kiran Kumar, K. Siva Kumar, B.V. Raman, **I. Bhaskar Reddy**, M. Rama Rao, and S.V. Raja Gopal, "Antimicrobial activity of *Lippia citriodor a*- A folklore plant" Journal of Pure and Applied Microbiology, Vol. 2(1), p.p. 249-252.
- 2008 K. Vijaya Rachel, Ch. Surekha, D. Srinivas, DSVGK Kaladhar and **I. Bhaskar Reddy**, "Comparative studies on antimicrobial activity of *Sida acuta* (Malvaceae) leaf extracts". Journal of Pure and Applied Microbiology, .Vol. 2(2), p.p. 415-418.
- 2008 S.V. Raja Gopal, B.V. Raman, **I. Bhaskar Reddy**, M. Rama Rao and K.Siva Kumar, "Antioxidants and free radical scavenging activity of brown algae of Visakhapatnam coast", Asian Journal of Chemistry, Vol.20 (7), p.p. 5347-5352.
- 2008 M. Rama Rao, **I. Bhaskar Reddy**, S.V. Raja Gopal, D. Bhaskar, T. Ramana, "A comparative study of antimicrobial activity of *Curcuma amada* and *Alpinia galanga* of Zingiberaceae family, Asian Journal of Chemistry, Vol. 20(7), p.p. 5293-5300.

- 2007** M. Rama Rao, **I. Bhaskar Reddy**, S.V. Raja Gopal, B.V. Raman, T. Ramana and D. Bhaskar Rao, "In vitro inhibition of lipid peroxidation and antimicrobial activity of *Sapindus trifoliatus* pericarp, Journal of Phytochemical Research, Vol.20(2), p.p. 215-218.
- 2007** M. Rama Rao, **I. Bhaskar Reddy**, T. Ramana, S.V. Raja Gopal, B.V.Raman, D.S. Pallavi and D. Hyma, "Radical scavenging and antioxidant activity of ethylacetate fraction of *Plectranthus aromaticus* leaves", Biosciences, Biotechnology Research Asia, Vol.4(2), p.p. 581-588.
- 2007** S.V. Raja Gopal, B.V. Raman, **I. Bhaskar Reddy**, M. Rama Rao, and K. Siva Kumar, "Antioxidants and free radical scavenging activity of red algae of Visakhapatnam coast, Biosciences, Biotechnology Research Asia, Vol.4(2), p.p. 645-650.
- 2007** M. Rama Rao, **I. Bhaskar Reddy**, S.V. Raja Gopal, B.V. Raman, and T. Ramana, "Evaluation of antioxidant properties of sweet basil", Asian Journal of Microbiology, Biotechnology & Environmental Science, Vol.9(4), p.p.811-818.
- 2006** B. V Raman, D. N. Rao, **I. Bhaskar Reddy**, S.V. Raj Gopal and T.M. Radhakrishnan, "Selective induction of protective humoral immune response by aqueous extract of *Spirulina plalensis* against food allergens", *Flora & Fauna*, Vol.11(2), p.p. 231-232.
- 2006** M. Rama Rao, **I. Bhaskar Reddy** and T. Ramana, "Antimicrobial activity of some Indian medicinal plants, Indian Journal of Microbiology, Vol. 46(3), p.p. 259-262.
- 2006** **I. Bhaskar Reddy**, K.P.J. Hemalatha, S.V. Rajgopal, B. Venkata Raman, M.Rama Rao, D. Sivaprasad and T.G. Reddi, "An eliminative procedure for β -mercaptoethanol interposing in thiol-proteinases assay by Lowry's method", Proceedings of A.P. Akademi of Sciences, Vol. 10(3 & 4), p.p. 197-205.

Conferences / Seminars / Symposiums / Workshops Attended: 34

- 2015** National Conference on "**Natural Therapeutics for Cancer, Diabetes and Renal Diseases**" organized by Department of Biochemistry and Bioinformatics, GIS, GITAM University, Visakhapatnam during 27th - 28th March, 2015.
- 2014** National Conference on "**Bioinformatics Drug Discovery and Microbial Technology**" organized by Osmania University, Hyderabad, during 22nd -24th December, 2014.
- 2014** National Conference on "**Genomics in Health and Diseases**" organized by Central Research Institute of Unani Medicine (CRIUM), Hyderabad, during 22nd – 23rd August, 2014.
- 2013** One-day Workshop on "**Patent Awareness**" organized by GITAM Institute of Science, GITAM University on 28th October, 2013.
- 2012** International Conference on "**Animal Genetics and Genomics**" organized by CRRAOAIMSCS & University of Hyderabad, Hyderabad during 27th -29th November, 2012.

- 2012** International Symposium on “**Indo-German Symposium on Systems Biology**” organized by German House of Research and Innovation (DWIH) & University of Hyderabad, Hyderabad during 27th - 29th November, 2012.
- 2012** National Seminar on “**Peaceful Applications of Atomic Energy**” organized by GITAM Institute of Science, GITAM University, Visakhapatnam during 22nd -23rd February, 2012.
- 2012** International Symposium on “**Bioinformatica Indica-2012**” organized by State Inter-University Centre of Excellence in Bioinformatics (SIUCEB), University of Kerala, Thiruvananthapuram, Keralam during 12th - 14th January, 2012.
- 2011** AP Science Congress with theme “**Science for the Society**” organized by GITAM University & Andhra Pradesh Akademi of Sciences, Visakhapatnam during 14th -16th November, 2011.
- 2011** National Conference on “**Present Relevance of Ancient Indian Sciences**” organized by GITAM Institute of Science & Institute of Scientific Research on Vedas (I-SERVE) during 14th -15th September, 2011.
- 2010** National seminar on “**Microbiological Approaches to Environmental Sustainability**” organized by Dept. of Microbiology and Food Science & Technology, GITAM University 21st December, 2010.
- 2010** National seminar on “**Changing Horizons of Applied Biology**” organized by Department of Microbiology, Biochemistry and Biotechnology, M.R.P.G. College, Vizianagaram on 11th and 12th December, 2010.
- 2010** Resource person in National seminar on “**Future challenges in Biochemical education and a colloquium on protease inhibitors: Noble role in physiology and medicine**” organized by dept. of Biochemistry, Andhra University on 31st October, 2010.
- 2010** International Conference on “**Genomic Sciences**” organized by School of Biological Sciences, Madurai Kamaraj University, Madurai during 12th – 14th November, 2010.
- 2010** National seminar on “**Sustainable Development and Biotechnology**” organized by Department of Biotechnology, Jawahar Bharathi Degree & P.G. College, Kavali on 23rd and 24th October, 2010.
- 2010** National seminar on “**New Horizons in Microbiology**” organized by Department of Microbiology and Food Science & Technology, GITAM Institute of Science, GITAM University on 23rd February, 2010.
- 2010** One day workshop on “**Climate Change – Challenges and Future Prospects**” organized by Department of Environmental Studies, GITAM Institute of Science, GITAM University on 9th February, 2010.
- 2010** National seminar on “**Emerging Trends in Biochemistry and Computational Biology**” organized by Department of Biochemistry and Bioinformatics, GITAM Institute of Science, GITAM University on 21st January, 2010.
- 2009** Seminar on “**New Frontiers in Biosciences**” organized by Department of Biochemistry, Microbiology and Biotechnology, M.R. PG College, Vizianagaram on 14th December, 2009.

- 2009** National seminar on “**Emerging Trends in Cell and Nano Biotechnology**” organized by Department of Biotechnology, GITAM Institute of Science, GITAM University on 11th & 12th December, 2009.
- 2009** National seminar on “**Life Style Disease Management - Role of Food Science & Nutrition**” organized by Department of Microbiology and Food Science & Technology, GITAM Institute of Science, GITAM University, on 3rd & 4th September, 2009.
- 2009** National workshop on “**Recent Advances in Genomics & Proteomics**” organized by Department of Biotechnology, Biochemistry and Microbiology, GITAM Institute of Science, GITAM University, 14th February, 2009.
- 2008** Presented a paper entitled “**Ethnomedicinal values of *Sida acuta* (Malvaceae) and studies on its potent microbial activity**” in International conference on Plant Biotechnology and Molecular Biology on 15th -17th August, 2008.
- 2007** Presented a paper entitled “**Purification and Characterization of Soapnut (*Sapindus trifoliatus*) Seed Protease Inhibitor**” in National Conference on Current trends in Biochemistry, Biochem-07 on 27th -29th December, 2007.
- 2007** Presented a paper entitled “**Antimicrobial activity of *Curcuma amada* and *Alpinia galanga*, members of Zingiberaceae family**” in “**National Seminar on Biotechnology: Applications in Medicinal Plants & Food Processing**” organized by Department of Biological Sciences, Vikramdeb autonomous college, Jypore, Orissa on 19th & 20th March, 2007.
- 2006** Presented a paper entitled “**In vitro inhibition of lipid peroxidation and antimicrobial activity of *Sapindus trifoliatus* pericarp**” in a National Symposium on “**Recent Trends in Biochemistry**” organized by Department of Biochemistry, TJPS College, Guntur on 22th December, 2006.
- 2006** Presented a paper entitled “**Antimicrobial activity of *Sapindus trifoliatus***” in a National Seminar on “**Recent Trends in Microbial Sciences**” organized by Departments of Microbiology and Biotechnology, JKC College, Guntur on 11th November, 2006.
- 2005** National Seminar on “**Advances in the frontiers of Environmental Research**” organized by Department of Environmental Science, Andhra University, Visakhapatnam from 19th-11th November, 2005.
- 1997** Presented a paper entitled “**An eliminative procedure for β -mercaptoethanol interposing in thiol protease assay**” at SBC (I) 66th Annual meeting organized by Department of Biochemistry, Andhra University, Visakhapatnam from 22nd -24th December, 1997.
- 1997** Presented a paper entitled “**An eliminative procedure for β - mercaptoethanol interposing in thiol - proteinases assay (adapting from Lowry’s Method)**” at one day conference on “**Recent Trends in Biochemistry & Biotechnology**”, organized by Department of Biochemistry, Andhra University, Visakhapatnam on 30th June, 1997.

- 1996 Presented a paper entitled “**A thiol protease from latex of *Hemidesmus indicus***” at seminar on “**Recent Advances in Biochemistry and Molecular Biology**”, organized by Department of Biochemistry, Andhra University, Visakhapatnam 12th –15th December, 1996.
- 1994 Presented a paper entitled “**Hemidesmin a thiol protease of *Hemidesmus indicus***” at 16th International congress of Biochemistry and Molecular Biology held in New Delhi from 19th – 22th September, 1994.
- 1985 Presented a paper entitled “**Proteolytic Enzymes**” at S.B.C (I) in Annual Meeting held in Pantnagar, Uttar Pradesh from 7th - 9th November, 1985.
- 1984 Presented a paper entitled “**Lowry’s method of protein estimation in the presence of sulfhydryl compounds**” at S.B.C. (I) Annual meeting held in New Delhi from 12th-14th October, 1984.

6. Seminars / Conferences / Workshops Organized:

- Convener - National conference on “**Natural Therapeutics for Cancer, and Renal Diseases**” (NTCDR) organized by Department of Biochemistry, Institute of Science, GITAM University on 27th & 28th March, 2015.
- Co-ordinator- Children session in AP Science Congress with theme “**Science for the Society**” organized by GITAM University & Andhra Pradesh Akademi of Sciences, Visakhapatnam from 14th - 16th November, 2011.
- Co-convener- International conference on “**Biotechnology in Pharma & Food Industries**” organized by Departments of Biochemistry, Biotechnology and Microbiology, Institute of Science, GITAM Institute of Pharmacy and Department of Biotechnology, GITAM Institute of Technology, GITAM University on 29th & 30 July, 2011.
- Organizing secretary - National seminar on “**Emerging Trends in Biochemistry and Computational Biology**” organized by Department of Biochemistry, Institute of Science, GITAM University on 21st January, 2010.
- Organizing secretary - National workshop on “**Recent advances in genomics and proteomics**” organized by Departments of Biotechnology, Biochemistry and Microbiology, Institute of Science, GITAM University on 14th February, 2009.
- Organizing secretary - National seminar on “**Trends in Biochemistry and Molecular Biology**” organized by Department of Biochemistry , Institute of Science, GITAM University on 29th March, 2004.

7. Refresher Courses and other Programs Attended :

- ❖ Attended an UGC-Refresher Course on “**Perspectives in Biochemistry**” organized by Department of Biochemistry, Indian Institute of Science, Bangalore from 6th- 27th May, 2002.
- ❖ Attended a short term course on “**Bioreactor Design**” under the quality improvement programme by Indian Society for Technical Education organized by Centre for Bioengineering/Biotechnology, Department of Chemical Engineering, Andhra University during 1st - 11th July, 1998.

❖ Attended a winter school on “**Modern Analytical and Biochemical Engineering methods for Engineers and Scientists**” sponsored by Department of Biotechnology, Govt. of India, organized by Department of Chemical Engineering, Andhra University during 28th December, 1988 to 10th January, 1989.

❖ Attended a short course on “**Electron Microscopy and its applications**” organized by Institute of Coastal and Offshore Research (INCOR), Andhra University, Visakhapatnam from 25th - 27th July, 1983.

8. Guest Lecture’s Delivered :

➤ As recourse person delivered a lecture on “Polysaccharides and Peptidoglycans” to the participants in a refresher course on Biotechnology organised by Academic Staff College, Andhra University on 26th October, 1998.

➤ As recourse person delivered a lecture on “Biopesticides” to the participants in the 3rd UGC sponsored refresher course in Applied Botany on “Biodiversity and Biotechnology” organised by Department of Botany Berhampur University, Orissa on 17th January, 1999.

➤ As recourse person delivered a lecture on “UV absorption spectra of proteins and nucleic acids” to the participants in a refresher course in Biotechnology organised by Academic Staff College, Andhra University on 2nd March, 1999.

➤ As recourse person delivered a lecture on “Lipid Metabolism” to the participants in a refresher course in Zoology organised by Academic Staff College, Andhra University on 15th February, 2002.

➤ As recourse person delivered a lecture on “Biological Membranes – Structure and Function” to the participants in a refresher course in Zoology organized by Academic Staff College, Andhra University on 22nd February, 2002.

➤ Delivered a guest lecture on “Future Perspectives of Biochemistry, Biotechnology and Microbiology” at St. Joseph’s College for Women, Visakhapatnam on 1st March, 2011.

➤ Delivered a guest lecture on “Metabolic Engineering for Sustainable Development” at St. Joseph’s College for Women Visakhapatnam on 1st March, 2011.

➤ Delivered a guest lecture on “Metabolic Engineering for Sustainable Development” at Department. of Biotechnology, Andhra University, Visakhapatnam on 10th February, 2011.

9. Membership in Professional Bodies :

- Chairman, Board of Studies, Biochemistry, GITAM University - 2007 - 2015
- Convener, Department Research committee, Biochemistry, Institute of Science, GITAM University - 2007 - 2015
- Member, Academic Council, GITAM University - 2007 - 2013
- Member Secretary, Institutional Bio-safety Committee, Institute of Science GITAM University - 2010 - 2015
- Biological Scientist, Institutional Animal Ethics Committee, GITAM University - 2010 - 2015
- Member, Board of studies in Biochemistry (PG), Andhra University - 2004 - 2015
- Member, Board of studies in Biotechnology (PG), Andhra University - 2014 - 2015
- Member, Society of Biological Chemists (India) - Life member

Declaration:

I hereby solemnly declare that the above mentioned data are true, complete and correct to the best of my knowledge and belief.

A handwritten signature in black ink, appearing to read 'I. Bhaskar Reddy', with a stylized, cursive script.

(I. BHASKAR REDDY)