

Biodata of

Dr. N. B. RAMACHANDRA

PROFESSOR IN ZOOLOGY (GENETICS)

Coordinator for M.Sc Genetics, Department of Studies in Zoology
University of Mysore, Manasagangotri, Mysore – 570 006

1. Date of Birth: 31.05.1958

2. Educational Qualification:

1982-88: Ph.D. in Zoology, Department of Zoology, University of Mysore, INDIA.
Thesis title: "Contributions to population cytogenetics of *Drosophila*:
Studies on interracial hybridization and B-chromosomes".

1980-82: M.Sc. in Zoology, 1st Class with 2nd Rank, University of Mysore,
Mysore.

1977-80: B.Sc. (Chemistry, Botany, and Zoology), 1st class, Cauvery College,
Gonicoppal, University of Mysore, INDIA.

3. Area of Specialization: 1) *Drosophila* Genetics and Evolution
2) Human Genetic Diseases and Genomics

4. Awards/ Recognitions:

Sl No	Year	Recognition	Institution
1	1980	"Best boy of the college" award	<i>Cauvery College, Gonicoppal, Univ. of Mysore.</i>
2	1982	II Rank in M.Sc	<i>DOS in Zoology, Univ. of Mysore.</i>
3	1990	Government of India Nehru Centenary British Fellowship (common wealth) Award	<i>Department of Biological sciences, WarwickUniversity, Coventry, United Kingdom (not availed).</i>
4.	2008	Sir C.V. Raman Young Scientist State Award in Life Sciences for the year 2007	Government of Karnataka and State Council for Science and Technology, IISc., Bangalore Karnataka State Council for Science and Technology, IISc., Bangalore
5	2008 2012	Editorial Board Member (4 years)	7 th Editorial Board of Zoological Research, The Chinese Academy of Sciences, China

PROFESSIONAL TRAINING / FURTHER STUDY UNDERGONE

Period		Nature of Programme	Institution	Remarks
From	To			
1989 Jan.	1989 May	Professional course- Genetic Engineering	Indian Institute of Science, Bangalore	
1990 Feb.	1992 Sept.	Post Doctoral Fellow	McMaster University, Department of Biochemistry, CANADA	Cloned 10 mammalian HSP 60 psuedogenes
1999 Oct.	2000 Sept.	Senior Research Associate II	University of California, Department of Cell Molecular and Developmental Biology, Los Angeles, USA	Cloned 10 genes involved in brain development in flatworms

RESEARCH & TEACHING EXPERIENCES

Sl. No.	Date & Duration	Experiences
1	12.07. 2007- to-date	PROFESSOR OF ZOOLOGY (GENETICS) , DOS in Zoology, Univ. of Mysore, MYSORE
1	12.07.2007- 01.04.1999	READER , DOS in Zoology, Univ. of Mysore, MYSORE
2	31.03.1999 – 01.04.1994	SENIOR LECTURER , DOS in Zoology, Univ. of Mysore, MYSORE
3	July - June 2001	VISITING PROFESSOR - course taught- GENETICS AND DEVELOPMENT, Dept. of Zoology, Univ. of Innsbruck, AUSTRIA
4	27.09. 2000 - 01.10. 1999	SENIOR RESEARCH ASSOCIATE II – MOLECULAR & DEVELOPMENTAL BIOLOGY, Cell, Molecular and Developmental Biology, University of California, LOS ANGELES, USA
5	31.03.1994 - 05.09.1992	LECTURER , Department of Studies in Zoology, University of Mysore, MYSORE.
6	04.09.1992 - 19.02. 1990	POSTDOCTORAL FELLOW – MOLECULAR GENETICS, Department of Biochemistry, McMaster University, Hamilton, CANADA.
7	18.02.1990 – 01.04.1989	RESEARCH ASSOCIATE (CSIR) - SPECIATION GENETICS & HONARORY LECTURER, Dept. of Zoology, Univ. of Mysore
8	31.03.1989 - 04.04.1988	RESEARCH ASSOCIATE (ICMR) - HUMAN GENETICS, Dept. of Human Genetics, NIMHANS, Bangalore
9	03.04.1988 – 27.12 1986	SENIOR RESEARCH FELLOW - SPECIATION GENETICS, Dept. of Zoology, Univ.of Mysore, MYSORE and LECTURER, Department of Biology, SBRR Mahajana College, Mysore (01.10. 1987 to 31.0.31988 – Temporary)
10	26.12.1986 – 27..12.1982	RESEARCH FELLOW (UGC) (As JRF & SRF)-DROSOPHILA GENETICS, Department of Zoology, Univ. of Mysore, Mysore

5. Number of Research Projects:

i) Completed : 09

Sl. No.	Principal Investigator (PI) or Co- PI	Title	Funding agency	Year	Amount In lakhs
1.	PI	Studies on the development of Indirect flight muscles in <i>Drosophila</i>	DST (Molecular Biology PAC), New Delhi	1995-98	7.20
2.	Co-PI (PI- Prof. HA. Ranganath)	Hybridization and Raciation in <i>Drosophila</i>	DST, (Animal PAC), New Delhi	1995-99	17.00
3.	Co-PI (PI- Prof. HA. .Ranganath)	Hybridization and Raciation in <i>Drosophila</i> II phase	DST (Animal PAC), New Delhi	2000-05	10.00
4.	Co-PI (PI: Prof. Shankara Bhat)	Isolation and characterization of fimbrial antigen from enterotoxigenic <i>E. coli</i> and developing antibodies in chicken eggs	Neobiotics India Pvt. Ltd, Mysore	2001-03	2.12
5.	PI	Isolation and analysis of mutations involved in the indirect flight muscle development in <i>Drosophila</i>	DST, Animal PAC, New Delhi	2002-05	12.00
6.	PI	Genetic analysis of language disorder with special reference to Dyslexia	Central Institute of Indian Languages, Mysore	2003-04	1.00
7	Co-PI (PI: Prof. H.A. Ranganath)	Unit on Evolution and Genetics	DST (Ifra scheme) New Delhi	2006-2010	132 .00
8	PI	Molecular genetic analysis of Congenital Heart Diseases	CSIR (Health Science), New Delhi	Jan.2007- Mar.2010	18.00
9	PI	Screening for Dyslexia phenotypes and their molecular genetic analysis	DST (Cognitive science Initiative), New Delhi	April; 2009- March 2012	28.00

ii) On-going : 02

Sl. No.	Principal Investigator (PI) or Co- PI	Title	Funding agency	Year	Amount In Lakhs
1	PI	Genetic analysis of Dyslexia – Linkage analysis of susceptible genes for Dyslexia	DST (Health Science), New Delhi	June 2009- May 2012	37.00
2	Co PI	<i>Molecular Genetics of Asthma – SNP analysis of ADAM33 polymorphisms.</i>	*ICMR, New Delhi	2011-2014	19.00

6. Number of Ph.D. Candidates successfully completed -- 12

7. Number of Ph.D. Candidates currently working -- 09

8. Number of M. Phil Candidates successfully completed -- 01

9. Number of Summer students of the Indian Academy of Sciences worked under me --05

10. Publications: 94+ 51 +14 + 12=171

A). RESEARCH PAPERS / REVIEW ARTICLES:

1. 1985 **Ramachandra, NB** and HA Ranganath.
Supernumerary chromosomes in *Drosophila nasuta albomicana*.
Cellular and molecular Life Sciences, 1: 680-681. (IF = 7.047) Citation - 11
2. 1986 **Ramachandra, NB** and HA Ranganath.
The Chromosomes of two *Drosophila* races: *D. nasuta nasuta* and *D. nasuta albomicana*. IV. Hybridization and karyotype repatterning. *Chromosoma*, 93: 243-248. (IF= 4.979) Citation - 29
3. 1986 **Ramachandra NB** and HA Ranganath
Estimation of population fitness in two strains of *D. nasuta albomicana* with and without B-chromosomes. *Indian J. Exp. Biol.* 24: 137-141. (IF =0.702) Citation - 10
4. 1986 **Ramachandra, NB** and HA Ranganath.
Analysis of resource utilization divergence in two strains of *Drosophila nasuta albomicana* with and without B-chromosomes. *Indian J. Exp. Biol.* 24: 404- 407. (IF= 0.702)
5. 1986 **Ramachandra, NB** and HA Ranganath.
Population fitness of *Drosophila nasuta albomicana* with and without B-Chromosomes at three different temperatures. *Indian J. Exp. Biol.* 24: 779-782. (IF= 0.702) Citation - 07
6. 1985-86 **Ramachandra, NB** and HA Ranganath.
Ecogenetics of *Drosophila* - Exploitation of media with different sugars by two cosmopolitan and sympatric species of *Drosophila*. *J. Mysore University*, sec. B, 31:108-116.

7. 1987 **Ramachandra, NB** and HA Ranganath.
Characterization of heterochromatin in the B-chromosomes of *Drosophila nasuta albomicana*. *Chromosoma*, 95:223-226. (IF=4.979) **Citation - 10**
8. 1987 **Ramachandra, NB** and HA Ranganath.
Mating preference between *Drosophila nasuta nasuta* and *D.n. albomicana*. *Indian J. Exp. Biol.* 25:55-57. (IF= 0.702) **Citation - 08**
9. 1987 **Ramachandra, NB** and HA Ranganath.
Accumulation of B-chromosomes in *Drosophila nasuta albomicana*. *Curr. Sci.* 56(16): 850-852. (IF=0.897)
10. 1987 **Ramachandra, NB** and HA Ranganath.
Population cytogenetics of supernumerary chromosomes in *Drosophila nasuta albomicana*. In commemorative volume of *advances in Cytology and Genetics*. edited by VS Bhatnagar: 115-121.
11. 1987 Ranganath, HA and **NB Ramachandra**.
Chromosomal basis of raiation in *Drosophila* : A study with *Drosophila nasuta* and *D. albomicans*, *Proc. Indian Acad. Sci. (Anim. Sci.)* 96(5): 451-459 (Review). (IF=1.703) **Citation - 13**
12. 1988 **Ramachandra, NB** and HA Ranganath.
Estimation of population fitness of the parental races (*D. n.nasuta* and *D. n. albomicana*) and of the newly evolved Cytoraces (I and II) - the products of parental interracial hybridization. *Genome*, 30(1): 58-62. (IF= 1.662) **Citation - 16**
13. 1988 **Ramachandra, NB** and HA Ranganath.
A comparative study on the microchromosomes of six *Drosophila* members. *The Nucleus*, 31(3):102-106.
14. 1990 **Ramachandra, NB** and HA Ranganath.
The chromosomes of two *Drosophila* races: *D. nasuta nasuta* and *D. nasuta albomicana*: V. Introgression and the evolution of new karyotypes. *Z. Zool. Syst. and Evolut-forsch (Germany)*, 28: 62-68. (IF= 2.740) **Citation - 11**
15. 1991-92 **Ramachandra, NB** and HA Ranganath.
Analysis of intergenotypic resource utilization divergence in the parental races (*D. n. nasuta* and *D.n.albomicana*) and of the newly evolved Cytoraces (I and II). *J. Mysore University, sec,B, Platinum Jubilee Special Issue*, 32: 308-315.
16. 1994 **Ramachandra, NB** and HA Ranganath.
Pattern of sexual isolation between parental races (*Drosophila nasuta nasuta* and *D. n. albomicans*) and the newly evolved races (Cytoraces I & II). *Indian J. Exp. Biol.* 32:98-102. (IF 0.702) **Citation - 08**
17. 1994 **Ramachandra, NB** and HA Ranganath
Estimation of inter-genotypic competitive ability of the parental races (*Drosophila nasuta nasuta* and *D. n. albomicana*) and of the newly evolved Cytoraces (I and II). *Z. Zool. Syst. and Evolut-forsch (Germany)*, 32: 73-78. (IF= 2.740) **Citation - 01**
18. 1994 Ranganath HA and **NB Ramachandra**
Drosophila albomicans – a unique karyotype, *Nucleus*, 37(3): 105-112. **Citation - 05**
19. 1995-96 **Ramachandra NB** and Ranganath HA
Population differentiation: A study with two strains of *Drosophila albomicans*. *J. Mysore University, Sec. B*, 34:12-27.
20. 1996 **Ramachandra, NB** and HA Ranganath.
Evolution of the *Nasuta - Albomicans* complex of *Drosophila*. *Curr. Sci.*,

- 71(7): 515-517. (IF=0.897) Citation - 14
21. 1998 Tanuja MT., **NB Ramachandra** and HA Ranganath.
Creation of a hybrid zone in *Drosophila* with allo-sympatric races. *Curr. Sci.*, 75(11): 1116-1117. (IF=0.897) Citation - 09
 22. 1998 **Ramachandra NB**
A simple and rapid method for isolation of cellular DNA. *Resonance - J. Science Education* 3(7): 71-73.
 23. 1999 Harini BP and **NB Ramachandra**.
Racial divergence in sternopleural bristles among the parental races and the newly evolved Cytorace 1 and 2 of the *nasuta-albomicans* complex of *Drosophila*. *Curr. Sci.* 76(7):1017-1019. (IF=0.897) Citation - 08
 24. 1999 Harini BP and **NB Ramachandra**.
Does evolution reduce the body size?: A study in four members of *nasuta-albomicans* complex of *Drosophila*. *Genetica*, 105: 1-6. (CIF=2.358) Citation - 08
 25. 1999 Upendra Nongthomba and **Nallur B. Ramachandra**.
A direct screen identifies new flight muscle mutants on the *Drosophila* second chromosome. *Genetics, USA*, 71-83. (IF= 4.836) Citation - 16
 26. 1999 Tanuja MT., **NB Ramachandra** and HA Ranganath.
Hybridization and Racialization in *Drosophila*. *DST SERC Research highlights*:17-21.
 27. 1999 Tanuja MT., **NB Ramachandra** and HA Ranganath.
Evolution of a recent neo-Y sex chromosome in a laboratory population of *Drosophila*. *J. Genet.* 78:81-85. (IF=1.338) Citation - 08
 28. 1999 Tanuja M. T., **NB Ramachandra** and H. A. Ranganath.
Evolution of a new chromosomal lineage in a laboratory population of *Drosophila* through centric fission. *J. Biosci.* 24(4): 421-426. (IF=1.888) Citation - 11
 29. 2000 Harini BP and **NB Ramachandra**.
Racial divergence in body weight: A study in the four members of the newly evolved *nasuta-albomicans* complex of *Drosophila*, *Curr. Sci.* 78 (3): 342-344. (IF=0.897) Citation - 6
 30. 2000 Mahesh G., **NB Ramachandra** and H. A. Ranganath
Patterns of replication in the neo-sex chromosomes of *Drosophila nasuta albomicans*. *J. Biosci.* 25 (3): 229-234. (IF=1.888) Citation - 01
 31. 2000 Harini BP and **NB Ramachandra**
Racial divergence in abdominal bristles among parental races and newly Evolved Cytoraces of *nasuta-albomicans* complex of *Drosophila*, *Indian.J. Exp.Biol.*, 38:1263-1266. (IF=0.702) Citation - 05
 32. 2001 Mahesh G., **NB Ramachandra** and H. A. Ranganath
Autoradiographic study of transcription and dosage compensation in the sex and neo- sex chromosome of *D. n. nasuta* and *D. n. albomicans*. *Genome.* 44:71-78. (IF= 1.662) Citation - 04
 33. 2001 Tanuja MT., **NB Ramachandra** and HA Ranganath
Incipient sexual isolation in the *nasuta-albomicans* complex of *Drosophila*: No- Choice experiments, *J. Biosci.*, 26:71-76. (IF=1.888) Citation - 08
 34. 2001 Tanuja MT., **NB Ramachandra** and HA Ranganath
Incipient sexual isolation in the *nasuta-albomicans* complex of *Drosophila*: Mating preference in male-, female- and multiple-choice mating experiments *J. Biosci.*, 26:365-371 (IF=1.888) Citation - 08
 35. 2002 **Ramachandra NB.**, Gates RD., Ladurner P., Jacobs JK and Hartenstein V.
Embryonic development in the primitive bilaterian *Neochildia fusca*: normal

- morphogenesis and isolation of POU genes *Brn-1* and *Brn-2*. *Dev. genes Evol.* 212: 55-69. (IF=2.146) Citation - 19
36. 2003 Tanuja MT., **Ramachandra NB** and HA Ranganath
Hybridization and introgression of the genomes of *Drosophila nasuta* and *Drosophila albomicans*: Evolution of new karyotypes. *Genome* 46:605-611. (IF= 1.662) Citation - 07
37. 2003 Harini BP and **NB Ramachandra**
Evolutionary experimentation through hybridization under laboratory condition in *Drosophila*: Evidence for Recombinational Speciation. *BMC Evolutionary Biology*, 3,20 (1-19) (IF= 4.29) On line [doi:10.1186/1471-2148-3-20](https://doi.org/10.1186/1471-2148-3-20) Citation - 07
38. 2003 Harini BP and **NB Ramachandra**
Racial divergence in the foreleg bristles of four members of the *nasuta-albomicans* complex of *Drosophila*, *Curr. Sci.* 85(10) : 1444-1450. (IF=0.897)
39. 2004 Morros J, **Ramachandra NB**, Ladurner P., Egger B, Rieger R and V. Hartenstein The embryonic development of flatworm *Macrostomum* sp. *Dev. Genes Evol.* 214:220-239 (IF=2.146) Citation - 32
40. 2005 Smitha R and **NB Ramachandra**
An understanding the basis of congenital heart disease. *Indian J. Human Genetics* 11: 14-23. Review article (IF=0.469) Citation - 06
41. 2005 Saviour P and **NB Ramachandra**
Modes of genetic transmission of dyslexia in south Indian families. *Indian J. Human Genetics* . 11(3):135-140. (IF=0.469) Citation - 03
42. 2006 Malini S S and **NB Ramachandra**
Influence of advanced age of maternal grandmothers on Down syndrome. *BMC Medical genetics.* 7: 4 (8 pages) Feb. 14th on line & open assess. (IF=2.84) Citation - 30
43. 2006 Saviour P and **NB Ramachandra**
Biological basis of dyslexia: A maturing perspective. *Curr. Sci.* 90(2):168-175. Review article. (IF=0.897) Citation - 4
44. 2006 Smitha R, Karat SC, Narayanappa D, Krishnamurthy B, Prasanth SN and **Ramachandra NB**
Prevalence of Congenital Heart Diseases in Mysore. *Ind. J. Hum. Genet.* 12(1):12-17. (IF=0.469) Citation - 17
45. 2006 Savitha MR, Krishnamurthy B, Hyderi A, Farhan-Ul-Haque and **Ramachandra NB**
Myotonia congenital- a successful response to carbamazepine. *Ind. J. Pediatrics*,73:431-433. (IF= 0.502) Citation - 04
46. 2006 Smitha R and **Ramachandra N.B.**
Parental consanguinity increases Congenital Heart Diseases in South India. *Annals of Hum. Biol.* 33(5/6):519-928. (IF=1.713) Citation - 18
47. 2006 Smitha R, Gawde HM, Hyderi A, Savitha MR, Patel ZM, Krishnamurthy B and **Ramachandra NB.**
De novo isochromosome 18p in a female dysmorphic child. *J. Appl. Genet.* 47(4):397-401. (IF= 1.482) Citation - 06
48. 2007 Suttur. S. Malini, Smitha Ramegowda and **Nallur B. Ramachandra**
Evolution of Phenylthiocarbamide taster trait in Mysore, South India, *Ind. J. hum. Genet.* 13(1): 16-20. (IF=0.469)
49. 2007 Smitha R, Arun K, Savitha MR, Krishnamurthy B, Narayanappa D and **Ramachandra NB.**

- Missense mutation G296S in *GATA4* is not responsible for cardiac septal defects. *Indian J. Hum. Genet.* 13(1):30-32. **(IF=0.469) Citation - 02**
50. 2007 Savitha MR, Krishnamurthy B, Ashok DA and **Ramachandra NB.**
Self-abortion of attacks in patients with Hot water epilepsy. *Indian Pediatrics*, 44:295-298. **(IF=0.956) Citation - 02**
51. 2007 Sajesh Babu and **Nallur B. Ramachandra**
Screen for new Mutations on the 2nd Chromosome Involved in Indirect Flight Muscle Development in *Drosophila melanogaster*. *Genome*, 50(4): 343–350. **(IF= 1.662)**
52. 2007 Harini B.P. and Nallur **B. Ramachandra**
Newly evolved races live better: a study of life – history traits in the four members of *nasuta – albomicans* complex of *Drosophila* at different temperatures. *Curr. Sci.* 93: 348-356. **(IF=0.897)**
53. 2007 Kusuma Lingaiah and **Nallur B. Ramachandra**
Genes Involved in Congenital Heart Diseases: A Review *Proc. Nat. Symp. RTIBS*, 22-28.
54. 2007 Mahdi Bijanzadeh, **Nallur B. Ramachandra**
Possible causes of Asthma in Mysore, South India. *Proc. Nat. Symp. RTIBS*, 74-77.
55. 2007 Ranjini, M.S and **Nallur B. Ramachandra**
Recombination influences longevity in karyotypically similar hybrid races of *nasuta-albomicans* complex of *Drosophila*. *Proc. Nat. Symp. RTIBS*, 90-96.
56. 2007 Smitha R, Savitha MR, Krishnamurthy B, Doddaiah N, Prasanth SN and **Ramachandra NB.**
Association between pericentric inversion in chromosome 9 and congenital heart defects. *Int. J. Hum. Genet.* 7(3): 241-248. **Citation - 04**
57. 2007 Suttur S Malini, Mysore R. Savitha, Balasundaram Krishnamurthy and **Nallur B Ramachandra**
Advanced maternal grandmother age is a risk factor in causing sex chromosomal aneuploidy. *Int. J. Hum. Genet.* 7(4): 289-296. **Citation - 01**
58. 2007 Pushpa Saviour, Smitha Ramegowda and **Nallur B. Ramachandra**
Satellite associations in human acrocentric chromosomes: An insight into the evolution of banded chromosomes. *J. Cytol. and Genet.* 8:47-55.
59. 2007 Suttur S Malini and **Nallur B. Ramachandra**
Possible risk factors for Down syndrome and sex chromosomal aneuploidy in Mysore, South India. *Indian J. Hum. Genet.* 13(3):102-108. **(IF=0.469) Citation - 02**
60. 2008 Radhey S. Gupta, **Nallur B. Ramachandra**, Timothy Bowes and Bhag Singh
Unusual cellular disposition of the mitochondrial molecular chaperones Hsp60, Hsp70 and Hsp10. The Biology of extracellular molecular chaperones, Wiley, Chichester (Novartis Foundation Symposium 291) p59-73. **Citation - 12**
61. 2008 Sajesh Babu and **Nallur B Ramachandra**
Recombination mapping of mutations involved in the development of indirect flight muscles in *Drosophila melanogaster*. *J. Cytol. and Genet.* 9(NS):7-11.
62. 2008 Ponnappa K.C., Pushpa Saviour, **N.B. Ramachandra**, R. Manjunatha Kini and T. Veerabasappa Gowda
INN-toxin, a highly lethal peptide from the venom of Indian cobra (*Naja naja*) venom—Isolation, characterization and pharmacological actions. *Peptides*, 29(11):1893-1900. **(IF=2.654) Citation - 01**
63. 2008 Pushpa Saviour, Satish Kumar, U Kiran, Rajasekhara Reddy Ravuri, VR Rao, **Nallur B. Ramachandra**

- Allelic variants of *DYX1C1* are not associated with dyslexia in India. *Indian J. Hum. Genet* 14(3):99-102. (IF=0.469) Citation - 04
64. 2008 Prakash Padakannaya, **Nallur B. Ramachandra** and Nandini C. Singh
Dyslexia, orthography and brain. *Curr. Sci.*, 95(10):1381.(IF=0.897)
65. 2009 Pushpa Saviour, Prakash Padakannaya, Surendranath Nishanimutt and
Nallur B. Ramachandra
Familial Patterns and Biological Markers of Dyslexia. . *Int. J. Hum. Genet.*
9(1):21-29. Citation - 03
66. 2009 Mahdi Bijanzadeh, **Nallur B. Ramachandra**, P. A. Mahesh,
Mysore R. Savitha, G. S. Vijayakumar, Pradeep Kumar, B. S. Manjunath and
B. S. Jayaraj.
Soluble Intercellular Adhesion Molecule-1 and E-selectin in Patients with
Asthma Exacerbation. *Lung*, 187(5):315-320. (IF=1.734) Citation - 04
67. 2009 Malini S. Suttur, Savitha R. Mysore, Balasundaram Krishnamurthy,
Nallur B. Ramachandra.
Rare association of Turner syndrome with neurofibromatosis type 1 and
tuberous sclerosis complex. *Indian J. Hum. Genet* 15(2): 75-77. (IF=0.469)
68. 2009 Mahdi Bijanzadeh, **Nallur B. Ramachandra**, P. A. Mahesh, Mysore R.
Savitha, B. S. Manjunath and B. S. Jayaraj
Lack of Association Between Asthma and ABO Blood Group. *Lung*,
187(6):389-392. (IF=1.734) Citation – 03
69. 2009 **Ramachandra N.B** and Ranjini M.S
Experiments to Demonstrate Change in Allelic Frequency by Genetic Drift.
Resonance, 14 (11): 1110-1118.
70. 2009 Ranjini,M.S and **Ramachandra N.B**.
Evolution of short-lived and long-lived races of *Drosophila* in the environs of
laboratory. *Indian J. of Gerontology*, 23(4):381-298.
71. 2009 Ranjini MS, Amruthavalli C and **NB Ramachandra**
Molecular perspective of *Sod 1* in *Drosophila nasuta nasuta*. *Proc. Of National
Conference on Information Technology and its applications held on 21-22 Nov.
2009, Eds. C Basavaraju,CN Ravikumar and C Amruthavalli ,Centre for
Information Science and technology & DOS in Computer Science, University
of Mysore, Mysore.* pp: 97-105.
72. 2009 Dinesh SM, Amruthavalli C, Kusuma L and **NB Ramachandra**
Genotype-Phenotype analysis of NKX 2.5. single nucleotide polymorphisms
involved in the Congenital Heart Disease patients of Mysore, India. *Proc. Of
National Conference on Information Technology and its applications held on 21-22
Nov.2009, Eds. C Basavaraju,CN Ravikumar and C Amruthavall ,
Centre for Information Science and technology & DOS in Computer Science,
University of Mysore, Mysore.* pp: 148-152.
73. 2009 Avinash MV, Bhanu priya R and **NB Ramachandra**
Designing a Biosoftware: Human phenopaedia and Genome sequence
analyzer. *Proc. of National Conference on Information Technology and its
applications held on 21-22 Nov. 2009, Eds. C Basavaraju,CN Ravikumar and
C Amruthavalli ,Centre for Information Science and technology & DOS in
Computer Science, University of Mysore, Mysore.* pp: 153-157.

74. 2010 Bijaya T. and **Nallur B. Ramachandra**
Racial divergence of a rare laboratory evolved centromeric fission Cytorace of *nasuta-albomicans* complex of *Drosophila*. *Indian J. Exp. Biol.* 48:511-517. (IF 0.702)
75. 2010 Suttur S. Malini and **Nallur B. Ramachandra**
Young Mothers Produce More Chromosomal Syndrome Babies in Mysore, South India. *Int. J. Hum. Genet.* 10(1-3):105-112.
76. 2010 Smitha Rame Gowda, Harshavardhan M. Gawde, Abbas Hyderi, Mysore R. Savitha, Balasundaram Krishnamurthy, Sameul C. Karat, Narayanappa Doddaiah, Zareen M. Patel and **Nallur B Ramachandra**
Chromosomal Anomalies and Congenital Heart Disease in Mysore, South India. *Int. J. Hum. Genet.* 10(1-3):131-139. **Citation – 02.**
77. 2010 Mahdi Bijanzadeh, **Nallur B. Ramachandra**, P. A. Mahesh, Mysore R. Savitha, B. S. Manjunath and B. S. Jayaraj
Association of IL-4 and ADAM33 gene polymorphisms with asthma in an Indian population, *Lung* 188:415-422 (IF=1.734) **Citation – 03.**
78. 2010 Bijanzadeh Mahdi, Mahesh PA, Savitha Mysore R., Pradeep Kumar, Jayaraj B S, **Ramachandra Nallur B.**
Inheritance patterns, Consanguinity and Risk for Asthma, *Indian J. Med Res* 132:48-55. (IF =1.883) **Citation - 01**
79. 2010 Dinesh S M, Kusuma L, and **N. B. Ramachandra**
The most frequent 239 A>G SNP of *NKX2.5* is not involved in Congenital Heart Disease. *New York Science Journal*, 3(8): 43-47. **Citation – 01.**
80. 2010 Dinesh S. M, Prashantha Karunakar, C. Amruthavalli and **Nallur B. Ramachandra**
Analysis and homology modeling of proteins derived from *NKX2.5* non-synonymous single nucleotide polymorphisms involved in congenital heart disease, *Nature and Science*, 8(9); 27-38.
81. 2010 Ranjini, M.S and **Ramachandra N.B.**
Differential response to hormosis by laboratory evolved short-lived and long-lived cytoraces of *nasuta-albomicans* complex of *Drosophila*, *Italian J. of Zoology iFirst*, 1-12. (IF=0.843) **Citation- 01.**
82. 2010 Bijaya T. and **Nallur B Ramachandra**
Genetic Variability Assessed by Competitive Ability and ISSR Markers in the Members of the *Nasuta-albomicans* Complex of *Drosophila*. *Nature and Science*, 8(12); 29-42.
83. 2010 Dinesh S.M., Kusuma L., Smitha R., Savitha M.R., Krishnamurthy B., Narayanappa D., **Ramachandra N.B.**
Single Nucleotide Polymorphisms of *NKX2.5* found in Congenital Heart Disease patients of Mysore, South India. *Genetic Testing and Molecular Biomarkers* 14 (6):1-7. (IF= 1.645) **Citation- 02.**
84. 2010 Kusuma L, Bharath A. P., Savitha R. M., Krishnamurthy B. and **Ramachandra N. B.**
A case of congenital heart disease with ambiguous genitalia. *Indian J. Hum Genet.* 53: 100-102. (IF=0.469)
85. 2011 Shyamala K. Venkatesh, Anand Siddaiah, Prakash Padakannaya and **Nallur B. Ramachandra**
An examination of candidate gene SNPs for Dyslexia in an Indian sample, *Behavior genetics*, 2011;41(1):105-109. (IF=3.1) **Citation - 02.**
86. 2011 Kusuma L, Dinesh S. M., Savitha M.R, Krishnamurthy B., Narayanappa D. and **Ramachandra N. B.**

- A maiden report on CRELD1 Single Nucleotide Polymorphism association in congenital heart disease patients of Mysore, South India. *Genetic Testing and Molecular Biomarkers*, doi:10.1089/gtmb.2010.0246. (IF= 1.645)
87. 2011 Sosalagere M. Dinesh, Kusuma Lingaiah, Mysore R. Savitha, Balasundaram Krishnamurthy, Doddaiah Narayanappa and Nallur B. Ramachandra. *GATA4* Specific Nonsynonymous Single Nucleotide Polymorphisms in Congenital Heart Disease Patients of Mysore, India, *Genetic Testing and Molecular Biomarkers*, October 2011, 15(10): 715-720. doi:10.1089/gtmb.2010.0278. (IF= 1.645) **Citation - 01**
88. 2011 Bijanzadeh Mahdi, Mahesh PA, and **Ramachandra Nallur B** An understanding of the genetic basis of Asthma. Review- *Indian J. Med Res.* 134:149-161 (IF:1.826) **Citation- 01.**
89. 2011 Suttur S Malini, Mysore R Savitha, **Nallur B Ramachandra** Maternal grandmothers with advanced age reproduction are more likely to have Down syndrome grandchildren. *J. Paramedical Sciences (JPS)*, 2 (3):8-15.
90. 2011 Ranjini MS, Ravikumar H, Muralidhara and **Nallur B Ramachandra** Differential susceptibility of a few members of *nasuta-albomicans* complex of *Drosophila* to paraquat induced lethality and oxidative stress. *Genome*, 54(10): 829-835, 10.1139/g11-049 (IF:1.71). **Citation - 01**
91. 2011 Kusuma L, Dinesh S. M., Savitha M.R, Krishnamurthy B., Narayanappa D. **Ramachandra N. B.** 2011, Mutations of *TFAP2B* in congenital heart disease patients of Mysore, South India, *Indian Journal of Medical Research*, 134: 621-626 (IF:1.826). **Citation - 01**
92. 2012 Salvi SS, Kumar RP, **Ramachandra NB**, Sparrow JC, and Nongthomba U. Mutations in *Drosophila* myosin rod cause defects in myofibril assembly. *J Mol. Bio.* Feb 24. [Epub ahead of print] (IF: 4.008)
93. 2012 Bijaya T. and **Nallur B Ramachandra** Genomic Introgression in Laboratory Evolved Hybrid Races, Cytorace 1 and Fissioncytorace-1 of *Nasuta-Albomicans* Complex (NAC) of *Drosophila* as Revealed by RAPD and ISSR Markers. *Italian J. of Zoology* (in press) (IF=0.843)
94. 2012 Parisa Davoodi, P A Mahesh, Amrutha D Holla, G S Vijayakumar, B S Jayaraj, Chandrashekar S, and **Nallur B Ramachandra** Serum levels of Interleukin-13 and Interferon-gamma from adult patients with asthma in Mysore. *Cytokine* (in press) <http://dx.doi.org/10.1016/j.cyto.2012.05.012> (IF: 3.53)

B. Gene Sequences Published in NCBI DATABASE

1. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Coorg copper/zinc superoxide dismutase(SOD1) gene, complete cds. Accession No. FJ554532
2. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila albomicans strain Okinawa copper/zinc superoxide dismutase (SOD1) gene, complete cds. Accession No. GU300109
3. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Cytorace-2 copper/zinc superoxide dismutase (SOD1) gene, complete cds. Accession No. HQ326578
4. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Cytorace-3 copper/zinc superoxide dismutase (SOD1)

- gene, complete cds. Accession No. HQ326579
5. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Cytorace-9 copper/zinc superoxide dismutase (SOD1) gene, complete cds. Accession No. HQ326580
 6. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Cytorace-11 copper/zinc superoxide dismutase (SOD1) gene, complete cds. Accession No. HQ326581
 7. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Cytorace-15 copper/zinc superoxide dismutase (SOD1) gene, complete cds. Accession No. HQ326582
 8. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Cytorace-16 copper/zinc superoxide dismutase (SOD1) gene, complete cds. Accession No. HQ326583
 9. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Coorg histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ323752
 10. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila albomicans strain Okinawa histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ326584
 11. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Cytorace-2 histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ379189
 12. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Cytorace-3 histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ379190
 13. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Cytorace-9 histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ379191
 14. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Cytorace-11 histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ379192
 15. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Cytorace-15 histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ379193
 16. 2010 Ranjini M. S. and **Ramachandra N.B.**
Drosophila nasuta strain Cytorace-16 histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ379194
 17. 2010 Bijaya T. and **Ramachandra N.B.**
gDNA sequence of *Drosophila nasuta nasuta* male. Accession No. HQ693556, HQ693557 HQ693558.
 18. 2010 Bijaya T. and **Ramachandra N.B.**
gDNA sequence of *Drosophila nasuta albomicans* male. Accession No. HQ693559, HQ693560, HQ693561, HQ693562 and HQ693563 .
 19. 2010 Bijaya T. and **Ramachandra N. B.**
gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, HQ693556.
 20. 2010 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, HQ693557.
 21. 2010 Bijaya T. and **Ramachandra N.B.**

- gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, HQ693558.
22. 2010 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta albomicans* male- NCBI Accession Number, HQ693559.
23. 2010 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta albomicans* male- NCBI Accession Number, HQ693560.
24. 2010 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta albomicans* male- NCBI Accession Number, HQ693561.
25. 2010 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta albomicans* male- NCBI Accession Number, HQ693562.
26. 2010 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta albomicans* male- NCBI Accession Number, HQ693563.
27. 2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, JN185197.
28. 2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, JN185198.
29. 2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta albomicans* female- NCBI Accession Number, JN185199.
30. 2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta albomicans* female- NCBI Accession Number, JN185200.
31. 2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta albomicans* female- NCBI Accession Number, JN185201.
32. 2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, JN185202.
33. 2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, JN185203.
34. 2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, JN185204.
35. 2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, JN185205.
36. 2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, JN185206.
37. 2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, JN185207.

- 38.2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, JN185208.
- 39.2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, JN185209.
- 40.2011 Bijaya T. and **Ramachandra N.B.**
gDNA sequence contigs of *Drosophila nasuta nasuta* male- NCBI Accession Number, JN185210.
41. 2011 Radhika P and Ramachandra N.B
Drosophila albomicans Partial genomic DNA sequence of gene *aly* .
NCBI Accession Number JQ315189
42. 2011 Radhika P and Ramachandra N.B
Drosophila kohkoa Partial genomic DNA sequence of gene *aly*. NCBI
Accession Number JQ315190
43. 2011 Radhika P and Ramachandra N.B
Drosophila naalC1 Partial genomic DNA sequence of gene *aly*.
NCBI Accession Number JQ315191
44. 2011 Radhika P and Ramachandra N.B
Drosophila naalC2 Partial genomic DNA sequence of gene *aly*.
NCBI Accession Number JQ315192
45. 2011 Radhika P and Ramachandra N.B
Drosophila naalC3 Partial genomic DNA sequence of gene *aly*.
NCBI Accession Number JQ315193
46. 2011 Radhika P and Ramachandra N.B
Drosophila naalC4 Partial genomic DNA sequence of gene *aly*.
NCBI Accession Number JQ315194
- 47.2011 Radhika P and Ramachandra N.B
Drosophila naalC5 Partial genomic DNA sequence of gene *aly*.
NCBI Accession Number JQ315195
48. 2011 Radhika P and Ramachandra N.B
Drosophila naalC6 Partial genomic DNA sequence of gene *aly*.
NCBI Accession Number JQ315196
49. 2011 Radhika P and Ramachandra N.B
Drosophila nasuta Partial genomic DNA sequence of gene *aly*.
NCBI Accession Number JQ315197
50. 2011 Radhika P and Ramachandra N.B
Drosophila neonasuta Partial genomic DNA sequence of gene *aly*.
NCBI Accession Number JQ315198
51. 2011 Radhika P and Ramachandra N.B
Drosophila sulfurigaster Partial genomic DNA sequence of gene *aly*.
NCBI Accession Number JQ315199

C). RESEARCH NOTES IN DROSOPHILA INFORMATION SERVICE, U.S.A.: 14

1. 1984 Ramachandra, NB and HA Ranganath.
Preliminary studies on the differences in the nutritional requirements in
Drosophila. 60: 171.
2. 1985 Ramachandra,NB and HA Ranganath.

- Further studies on B-chromosomes in *Drosophila nasuta albomicans*. 61:139-140.
3. 1985 Ushakumari A., Ramachandra, NB and HA Ranganath.
Relative performance of two strains of *Drosophila nasuta nasuta* (wild and mutant) on different food media. 61: 176.
 4. 1986 Ramachandra, NB and HA Ranganath.
Resource utilization divergence in two cosmopolitan and sympatric species of *Drosophila*. 63: 110-111.
 5. 1986 Ramachandra, NB and HA Ranganath.
Estimation of fecundity in the parent and hybrid population of *Drosophila nasuta nasuta* and *Drosophila nasuta albomicans*. 63: 109-110.
 6. 1987 Ramachandra, NB and HA Ranganath.
Adaptedness of a pair of chromosomal races: *D.nasuta nasuta* and *D. nasuta albomicans* at three different temperatures. 66: 114-115.
 7. 1987 Ramachandra, NB., Ushakumari, A and HA Ranganath.
Egg to adult rate of development and viability of *Drosophila nasuta nasuta* and *D. sulfurigaster neonasuta* in different media. 66: 115-116.
 8. 1996 Ramachandra, NB and HA Ranganath.
Evolution of new karyotypic strains (Cytoraces) through hybridization in *Drosophila nasuta* system. 77: 86-88.
 9. 1997 Upendra N. and NB Ramachandra.
Isolation of an allele of yellow body mutation in *Drosophila melanogaster* by an unusual pattern of inheritance. 80: 45-46.
 10. 1997 Upendra N. and NB Ramachandra.
Induction and isolation of chromosome specific flight muscle mutations in *Drosophila melanogaster*. 80: 102-103.
 11. 2000 Akhileshwar, V. and NB Ramachandra
Defect in the reproductive systems of the sterile Indirect Flight Muscle mutants isolated in *Drosophila*. 83:45—49.
 12. 2000 Akhileshwar,V.andNBRamachandra
Flight ability of the newly isolated three indirect flight mutations in *Drosophila* 83: 110—113.
 13. 2004 Sajesh Babu and NB Ramachandra
Isolation of new alleles of *ifm(2)RU* mutants by EMS mutagenesis. 87:59-64.
 14. 2008 Aryatu, Prakash, and Nallur B. Ramachandra
Distribution of *Drosophila* flies in eight different altitudes of three districts Of Karnataka, India. 91: 82-87.

D) BOOKS: CHAPTER IN BOOKS - 12

1. 1999 **Ramachandra NB**
“**Genetic Engineering**”, Teachers manual on Teaching Biology at +2 level. Academic Coordinator, Prof. L. Srikantappa, *Regional Institute of Education, NCERT, Mysore.*
- 2-6. 2003 **Ramachandra NB**
Five lessons, “**Transgenic organisms, Mapping of the genomes, Genome analysis, Population genetics and Somatic cell genetics**”, to teach M.Sc., Applied Zoology Distance Education course, Kuvempu University, Shimoga .
- 7-9. 2005 **Ramachandra NB**
Three lessons, “**Population genetics and Evolution, Developmental Genetics,**

- Human genetics**”, to teach M.Sc., Biotechnology Distance Education course in Karnataka State Open University, Mysore.
- 10-11. 2007 **Ramachandra NB**
Two lessons on “**Genetic engineering and Gene expression and Selection**” to teach M.Sc. Microbiology Distance Education course in Karnataka State Open University, Mysore.
12. 2011 Prakash Padakannaya and **Nallur B. Ramachandra**
“*Reading Akshara: Indian Alphasyllabry*” Title of the book: Dyslexia Across Languages: Orthography and the Brain-Gene-Behavior Link, Editors: Peggy McCardle, Jun Ren, Ovid Tzeng, *Baltimore: Paul H Brooks Publishing Co, USA. (Chapter in a Book)*

GENERAL POPULAR ARTICLES

1. 1989 Ramachandra, NB.
Schizophrenia : a chromosomal disease? Indian Express, Dec. 5th, (National Newspaper).
2. 2005 Ramachandra NB
DNA Fingerprinting, Article in Kannada for Kannada Encyclopedia” Zoology section, Institute of Kannada Studies, Univ. of Mysore, Mysore.

11. Conference/Seminar organized:

Sl.No.	Status as organizer	Title of the Conference/ Seminar / Workshop	Date
1	Member of the organizing committee, Organized by Drosophila Stock Centre	Orientation course on Cytogenetics of <i>Drosophila</i> for College teachers	May 24 th - 29 th , 1993
2	Member of the organizing committee, Organized by Drosophila Stock Centre	Drosophila meeting	August 5-6 th , 1993
3	Member of the organizing committee, Organized by Drosophila Stock Centre	Third Drosophila meeting	March, 16-18 th , 1995
4	Member of the organizing committee, Organized by Drosophila Stock Centre	Fourth Drosophila meeting	March, 1997
5	Member of the organizing committee, Organized by Drosophila Stock Centre	Interaction meeting on “Chromosomes and evolution”	August, 1997
6	One of the Members of the organizing committee, Department of Zoology Univ. of Innsbruck, Austria.	Course on Genetics and Development	23 days June 2001
7	One of the Member of the organizing committee, Indian Academy of Sciences, Bangalore & Drosophila Stock Centre,	Frontier Lectures in Biology	3 days Feb. 20-22, 2003

	DOS in Zoology, Univ. of Mysore		
8	One of the Member of the organizing committee, Indian Academy of Sciences, Bangalore & Drosophila Stock Centre, DOS in Zoology, Univ. of Mysore	Frontier Lecturers in Biology	3 days 5-7 th Nov. 2003
9	One of the Member of the organizing committee, sponsored by Indian Academy of sciences, Bangalore and held at MRDG, IISc, Bangalore	Workshop on “Developmental Biology”	Dec.14-20 th 2004
10	One of the Member of the organizing committee, Organized by Department of Microbiology and Biotechnology, Bangalore Univ., Bangalore	Methods in gene cloning	4 days 10-13 th , Jan., 2006
11	One of the Organizers, Unit on Evolution and Genetics, DOS in Zoology, Univ. of Mysore	Workshop on “Phylogenetic Biology”	July 3 rd to 18 th , 2006
12	One of the Members of the organizing committee, sponsored by Dept. of Biochemistry, KLE University, JAWAHARLAL Nehru Medical College, Belgaum	Biochemistry CME 2007 and Workshop on DNA technology	Dec.1 st , 2007
13	One of the Organizers, Unit on Evolution and Genetics, DOS in Zoology, Univ. of Mysore	Fifth Drosophila meeting	March 28- 29 th 2008
14	One of the Organizers, Unit on Evolution and Genetics, DOS in Zoology, University of Mysore	Darwin’s 200 th Birth anniversary celebrations	May 25 th - 26 th , 2009
15	One of the Organizers, Unit on Evolution and Genetics, DOS in Zoology, University of Mysore	Workshop on “Evolutionary, classical and Molecular genetics of <i>Drosophila</i> ”	May 27 th - 1 st June, 2009
16	One of the Organizers, DOS in Zoology, University of Mysore	National Conference on Recent trends in Animal physiology	29-30. Oct. 2009
17	One of the local conveners, Unit on Evolution and Genetics, DOS in Zoology, University of Mysore Sponsored by three National Sciences academies of India	Lecture series on “Contemporary Issues in Biology”	3-4 Dec. 2009
18	One of the Organizers, Unit on Evolution and Genetics, DOS in Zoology, Univ. of Mysore	Sixth Drosophila meeting	November 19-20 th 2010
19	One of the Members of the organizing committee, DOS in	International symposium on current trends in endocrine and	February 10-12 th

	Zoology, Univ. of Mysore	reproductive health and 29 th Annual meeting of the society for reproductive biology and comparative endocrinology-2011	2011
20	One of the Members of the Advisory committee, Karnataka State Open University, Manasagangotri, Mysore	International symposium on challenges in drug discovery programme-2011	February 16-17 th 2011
21	One of the Members of the organizing committee, DOS in Zoology, Univ. of Mysore	Two days seminar cum lecture series on recent advances in research methodology	March 16-17 th 2012

12. Conference/Seminar Chaired:

Sl.No.	Title of the Conference /seminar	Organized by	Date
1	XXXIII Annual conference of the ISHG and International symposium on "Genetics revisited: the Genomics and Proteomics advantage" (February 11-13 th 2008)	Andhra University Department of Human Genetics, Vishakapatnam, Andhra Pradesh.	Chaired Session-XV Feb.13, 2008
2	Darwin's 200 th Birth anniversary celebrations	Unit on Evolution and Genetics, DOS in Zoology, University of Mysore.	Chaired V session 26.05.2009
3	Darwin's 200 th Birth anniversary celebrations	Unit on Evolution and Genetics, DOS in Zoology, University of Mysore.	Chaired VIII session 26.05.2009
4	National Conference on Information Technology and its applications (21-22.Nov. 2009)	CIST & DOS in Computer Science, University of Mysore, Mysore.	Chaired Session 21.11.2009
5	CME in Biochemistry – Bio-gene (04.03.2010)	Department of Biochemistry, Mysore Medical College and Research Institute	Chaired Medical Genetics session 04.03.2010
6	50 Years of Down syndrome: Cytogenetics, Clinical Management and New Research (12 th – 14 th November 2010)	Centre for Human Genetics Bangalore	Chaired a session 14.10.10

14. Conference/ Seminar participated/ paper presented/ Invited Lectures delivered:

Sl.No.	Conference/Seminar /summer Institute/ Workshop etc.	Sponsors/ Organized	Duration & Year	Title of the Talk/ Paper presented
--------	---	---------------------	-----------------	------------------------------------

1	Seminar on "Charles Darwin Centenary celebration"	Department of Post graduate studies and Research in Zoology Univ. of Mysore, Mysore	One day Mar. 1983	Participant
2	15 th International Congress of Genetics	Indian National science academy, conducted at Hotel Ashoka, Delhi	Dec. 1983	Participant
4	7 th All India Congress of Cell Biology	CCMB, Hyderabad.	3 days Mar. 1984	<i>B- chromosomes in Drosophila nasuta albomicans.</i>
5.	8 th All India Congress of "Cytology and Genetics"	Utkal University Bhubaneswar.	3 days Oct. 1984	<i>Different chromosomal strains of Drosophila nasuta albomicans and their adaptedness.</i>
6.	National Seminar on "Cell Biology",	Dept. of Studies in Zoology, Univ. of Mysore, Mysore.	3 days Jan. 1989	<i>Chromosomes of Drosophila nasuta nasuta and D. n. albomicans: Introgression and the evolution of new karyotypes</i>
7.	Indo - US symposium on " Molecular mechanism involved in neuronal Response to damage'	NIMHANS, Bangalore, INDIA	3 days Feb. 1989	Participant
8.	Conference on "Sex Determination and Dosage Compensation	Dept. of Microbiology and Cell Biology, IISc., Bangalore.	3 days Nov. 1989	Participant
9.	Seminar on "Cell Structure and Cytoskeleton"	York University, Toronto, CANADA.	1 day Mar. 1991	Participant
10.	Meetings on "Stress Proteins and the Heat Shock Response"	Cold Spring Harbor Laboratory, New York, U.S.A.	3 days Apr. 1991	<i>Mammalian cell mutants affected in the major molecular chaperone proteins: Implications for in vitro microtubule assembly process</i>
11.	International conference on "Molecular Evolution"	Penn State University, Pennsylvania, U.S.A.	4 days June 1992	Participant
12.	Workshop on "Fluorescent In Situ Hybridization(FISH)"	Dept. of Microbiology and Cell Biology, IISc., Bangalore.	7 days Jan. 1993	Participant

13.	"Genetic and epigenetic controls in development workshop"	Dept. of Developmental Biology and Genetics laboratory, I.I.Sc., Bangalore.	One day Feb. 1993	Participant
14	Orientation course on Cytogenetics of <i>Drosophila</i> for College teachers	Drosophila Stock Centre, Dept. of Studies in Zoology, Univ. of Mysore, Mysore.	27.05.1993	Special lecture on "Recent understanding of some aspects of sex determination
15.	Drosophila meeting	Drosophila Stock Centre, Dept. of Studies in Zoology, Univ. Mysore, Mysore.	3 days Aug. 1993	<i>Pattern and process of karyotypic evolution through hybridization: An experimental study.</i>
16	Interaction meeting on "Evolutionary Ecology"	DST, New Delhi and Centre for Ecological Sciences, IISc. Bangalore.	3 days April 1994	Participant
17	International conference on "Neurobiology from receptors to effectors"	Tata Institute of Fundamental Research Bombay, at Cochin.	3 days May 1994	Participant
18	Group Monitoring workshop on "Evolution, Ecology and Behaviour"	DST, New Delhi and DOS in Zoology, Manasagangotri, Mysore.	3 days July 1994	Participant
19	Training Workshop in "Environmental enrichment"	Zoo Outreach Organisation and Universities Federation for animal welfare, U.K. at Mysore ZOO.	1 day Sep. 1994	Participant
20	1st Refresher course in Zoology	Academic Staff College, University of Mysore, Mysore	8.02.1995	Special lecture on "Recombinant DNA Technology"
21	Third Drosophila meeting	Drosophila Stock Centre DOS in Zoology, University of Mysore, Mysore.	3 days March 1995	<i>Population differentiation: a study with two strains of Drosophila albomicans & one of the Organizers</i>
22	National workshop on " Radiochemistry and Applications of Radioisotopes"	IANCAS- BARC, Bombay & DOS in Chemistry, Univ. of Mysore.	7 days Nov. 1995	Participant
23	Seminar for Government Administrators	Administrative training Institute, Mysore.	5.10.1996	Special lecture on "DNA Fingerprinting"

24	International Symposium on "the present and future of major aspects of modern biology"	TIFR, NCBS, Bangalore, INDIA (to celebrate 50 years of TIFR).	3 days Oct. 1996	<i>Isolation of Indirect flight muscle mutants in Drosophila</i>
25	UGC sponsored Refresher course in Botany	Dept. of Studies in Botany, Gulbarga University, Gulbarga.	22-23. 01 1997	Three lectures on "Genetic Engineering, DNA isolation and DNA Fingerprinting"
26	Fourth Drosophila meeting	Drosophila Stock centre, DOS in Zoology, Univ. of Mysore, Mysore.	3 days March 1997	<i>Dynamics of parental chromosomes in the Evolution of nasuta-albomicans complex of Drosophila</i>
27	Refresher course in Botany	Dept. of Studies in Botany, Gulbarga University, Gulbarga.	21- 22.11.1997	Four lectures on Genetic Engineering, Genome analysis, Gene Therapy and DNA Finger printing
28	International symposium on "Biology in the 21st Century and XX1 All India Cell Biology Conference"	Society of Cell Biology, India & I.I.Sc, Bangalore.	3 days March 1998	<i>Characterization of two new indirect flight muscle mutants of Drosophila melanogaster</i>
29	Discussion meeting on "Concepts and Models in developmental Biology"	Indian Academy of Sciences at Nainital, U.P.	7 days April 1998	Participant
30	International symposium on "Frontiers of Genetics and Development"	I.I.Sc. & JNCASR, Bangalore.	3 days July 1998	Participant
31	UGC sponsored Refresher course in Zoology and Botany	Gulbarga University, Gulbarga.	July 1998	Three Special Lectures on "Genetic Engineering"
32	2nd Refresher course in Zoology,	Academic Staff College, Univ. Mysore.	Sep. 1998	2 lectures on "Genetic Engineering"
33	Workshop of NCERT on "Development of Teachers manual on	Regional Institute of Education, NCERT, Mysore.	10 days Jan. 1999	Resource person- <i>Genetic engineering</i>

	Teaching Biology at +2 levels”			
34	XXII All India Cell Biology Conference	Rajiv Gandhi Centre for Biotechnology, Thiruvanthapuram.	3 days Feb. 1999	<i>Racial divergence in the newly evolved Cytoraces of Drosophila</i>
35	Fly meeting on Drosophila Genetics and Developmental Biology.	CCMB, Hyderabad.	3 days March 1999	<i>Screening and isolation of new indirect muscle mutations in Drosophila</i>
36	Summer Seminar for school students	BREAKTHROUGH science forum Mysore chapter, Mysore.	12.05.1999	Special lecture on “CLONING”
37	Summer Seminar for schools and college students	SCIENCE FORUM, Mahajana education society, Mysore.	13.05.1999	Special lecture on “CLONING”
38	DD 9 Channel Under Science education programme	AVRC, Univ. of Mysore, Mysore.	16.08.1999	Special television talk on “CLONING AND ITS IMPLICATIONS
39	Departmental Retreat conference at Ventura, California	Dept. of Molecular, Cell and developmental Biology, University of California, Los Angeles, USA.	2 days Feb. 2000	<i>Cloning and Expression of Brain 1, a highly conserved POU-Domain transcription factor in the flatworm- Macrostomum sp.</i>
40	41 st Annual Drosophila Research Conference, and workshop on fly genome project	American Society of Genetics, Pittsburgh, USA.	5 days March 2000	<i>Role of dpp/sog and the homeobox genes vnd, ind and msh in brain development.</i>
41	Meeting on “Chromosomes and Evolution”	Prof. Francisco J. Ayala, University of California, Irvine, USA .	1 day June 2000	Discussion
42	Seminar on “Muscle development in <i>Drosophila</i> ”	Prof. Sandy Bernstein Department of Biology, San Diego State University, San Diego, USA.	21.07 2000	<i>Special talk “Isolation of Indirect Flight Muscle mutant of Drosophila”</i>
43	Workshop for eight days on Evaluation of intermediate (P.C.M.B.) Text Book of Andra Pradesh Govt.	Regional Institute of Education, NCERT, Mysore.	8 days Nov. 2000	Resource person

44	Conference on BANGALORE BIO.COM 2001, BIOTECH HAPPEN HERE	Department of IT and Biotechnology, Government of Karnataka, Bangalore.	3 days March 2001	Participant
45	Course on Genetics and Development	Department of Zoology Univ. of Innsbruck Austria.	23 days June 2001	Resource person - Visiting Professor
46	3 rd Refresher course in Zoology	Academic Staff college University of Mysore, Mysore.	12.07.2001	Two Lecturers on “Human Genome Project and Genetic Engineering”
47	Refresher course on Genetics and Evolution	Indian Academy of Sciences, Bangalore organized in the DOS in Zoology, Univ. of Mysore by Prof. H.A. Ranganath	22.09.2001	Invited talk on “Segmentation genes in <i>Drosophila</i> ”
48	Refresher course in Botany	Academic Staff college University of Mysore, Mysore.	27.09.2001	Special talk on Tools in recombinant DNA Technology
49	Valedictory meetings of Biochemical society	Department of Studies in Biochemistry, Univ. of Mysore.	May 2002	Invited talk on HUMAN GENOME PROJECT
50	Special talk on “Genome Sequence data analysis”	CIST, Univ. of Mysore.	1 day July 2002	Resource person
51	Seminar on “Genetic engineering Principles and applications”.	RIE, Mysore.	1 day Nov. 2002	Resource person
52	Intensive workshop on Bioinformatics	CSR&TI, Central Silk Board, Mysore.	5 days Feb. 3-7, 2003	Resource person “Genetic Engineering Tools”
53	National Symposium on Development and Reproduction	Indian society of developmental Biologists and Dept. of Zoology, Karnatak University, Dharwad.	2 days March 7-8, 2003	INVITED SPEAKER “Cloning and expression of two genes (<i>brn 1</i> and <i>brn 3</i>) involved in brain development in flatworm”
54	Stem Cell Meeting	Centre for Human Genetics, organized at JNCASR, Jakkur, Bangalore.	One day April 21 st , 2003	Participant
55	Seminar on “Biotechnology”	DOS in Biotechnology, Kuvempu University,	13.10.2003	Special talk on “DNA Darling of

		Shimoga.		the media”
56	Seminar	PG department of Biotechnology, Oxford college, Bangalore.	29.10.2003	Special talk on “Gene cloning techniques”
57	Seminar for BE Biotechnology students	SJCE, Dept. of Environmental Engineering Mysore.	20.11.2003	Special talk on “Heredity vehicle”
58	Refresher course in Zoology	Academic Staff college, Bangalore Univ. Bangalore.	22.12.2003	Invited talks (Two) on “Gene cloning & Gene Isolation”
59	DNA special symposium	Centre for Applied Genetics, Bangalore University, Bangalore	2 days 15.01.2004	Invited speaker- Chromosomes and Evolution
60	Refresher course in Life sciences	Academic Staff college, Univ. of Mysore, Mysore.	20.2.2004	Special talks (two) on “Genomics I & II”
61	Workshop on “Chromosome Biology of Insects”	Maharani’s Science College for women, Mysore under UGC sponsored 10 th plan scheme	3 days 29 th June 2004	Invited speaker- Techniques in Biology and Medicine
62	15 th Mid –Year Meeting of the Academy	Indian Academy of Sciences, Bangalore	1-3 July 2004	Invited teacher participant
63	National workshop on Bioinformatics	Department of Biotechnology, Kuvempu University, Shimoga	Sep. 2004	Resource person- DNA sequencing
64	Workshop on “Developmental Biology”	Indian Academy of sciences, Bangalore and MRDG, IISc, Bangalore	Dec.14-20 th 2004	One of the organizer and resource person- “Fly early development, Segmentation genes”
65	National workshop on “Bioinformatics”	Department of Botany, Microbiology and Biotechnology, Yuvaraja College & CIST, University of Mysore.	Jan. 2005	Resource person- “DNA sequencing techniques”
66	Workshop on II PU New syllabus 2005-06	Organized by Dept. of Pre-University Education Mysore District, Mysore at SBRR Mahajana Pr-University of College, Mysore.	Aug. 2005	Resource person- “Genetic Engineering”

67	Workshop on II PU New syllabus 2005-06	Organized by Dept. of Pre-University Education Mandya District, Mandya at Adichunchunagiri college Kumarahalli, Mandya.	Sept. 2005	Resource person- "Recombinant DNA technology"
68	Refresher course in Zoology	Academic Staff college, Bangalore Univ. Bangalore.	23.09.2005	Talk on "Recombinant DNA technology"
69	Seminar	PG department of Biotechnology, Oxford college, Bangalore.	Oct.2005	Talks on "Invitro packaging and Invitro translation"
70	4 th Refresher course in Life Sciences from 5-25 th	UGC-academic staff college, Univ. of Mysore, Mysore.	07.01.2006	Special talk on "Genomics"
71	Methods in gene cloning	Department of Microbiology and Biotechnology, Bagalore Univ., Bangalore.	4 days 10-13 th , Jan. 2006	One of the organizers and resource person
72	Inauguration of Seminar at College programme	S.L.H. Institute of Science, Commerce & Management, Mysore.	01.02.2006	Inaugural talk- "DNA: Past, Present Future"
73	Seminar on "Biotechnology"	Post –graduate centre of Pooja Bhagavat Memorial Mahajana Education centre, Mysore	20.02.2006	Special talk on "Human genome"
74	Seminar on "Biotechnology"	Post- graduate Department of Biotechnology, JSS College of Arts, Commerce & Science, Mysore.	01.03.2006	Special talk on "Human Genome Project"
75	Biospectrum-2006	P.G.Department of Microbiology and Biochemistry, Cauvery campus, Mangalore University, Madikeri.	2 days 4-5 th March 2006	Invited speaker- "Human genome"
76	Orientation Course	Kendriya Vidyalyaya Mysore.	Aug 2006	Special talk on "Recombinant DNA Technology"
77	Workshop	Mahajana College, Mysore.	September 2006	Special talk on "Future of DNA Technology"
78	Seminar	Government College, K.R.Nagar. Mysore Dist.	Oct. 2006	Invited talk on DNA- Past, present and future

79	Seminar	PG department of Biotechnology, Oxford college, B'lore	Oct. 2006	Talk on Biotechnology
80	Seminar	Botanical Society, DOS in Botany, Univ. of Mysore.	February 2007	Special talk on "Strategies for gene isolation"
81	International conference and workshop on genetics: The basis and diagnosis of genetic disorders	Sri Ramachandra University, Chennai, India.	February 2007	Paper presented: "Sex chromosomal aneuploidy and advanced maternal grandmother age"
82	XXXII annual conference of Indian society of human genetics and International meeting	Indian Institute of chemical biology, Kolkata, India.	February 2007	Paper presented: "Genetic analysis of some of the pediatric disorders in Mysore, South India"
83	Seminar of Louis Pasteur Society	Microbiology Section, DOS in Botany, Univ. Of Mysore.	March 2007	Special talk on "Genomics"
84	Bio-Imfacts 07- "Milestones at the successive journey of experiments in Biotechnology & Genetics"	Shree Swaminarayan Gurukul, Bangalore	April (21) 2007	Special talk on "Human Genetic diseases"
85	Seminar	PG department of Biotechnology, Oxford college, Bangalore	Oct. 2007	Talk on "Gene cloning"
86	Workshop	Maharani's College, Bangalore	Oct. 2007	Human genome project
87	Biochemistry CME 2007 and Workshop on DNA technology	KLE University JAWAHARLAL Nehru Medical CollegeBelgaum	Dec. (1) 2007	Special talk on "DNA Past, Present and Future"
88	2 nd National conference on Biotechnology for rural industrial development	Gulbarga University, Department of Biotechnology Gulbarga	January 17-19 th 2008	Lead Lecture on "Aged grandmother - unhealthy children: A Genetic analysis"
89	XXXIII Annual conference of the ISHG and International symposium on "Genetics revisited:	Andhra University Department of Human Genetics, Vishakapatnam	February 11-13 th 2008	Plenary talk on "Candidate genes involved in the septal development in the human heart"

	the Genomics and Proteomics advantage			
90	Sixth David A. Hungerford Memorial Lecture- Prof. Sidney Altman, Nobel laureate	Prof. H.. Sharath Chandra, Centre for Applied Genetics and Institute of Bioinformatics, Bangalore	25.4.2008	Participant “RNA World”
91	!2 days In-service Course for the Post Graduate Teachers (Biology)	Kendriya Vidyalaya Sangathan , Zonal Institute of Education and Training, Mysore	9.6. 2008	Special talk on “ Human Genome Project”
92	Seminar	PG department of Biotechnology, Oxford college, Bangalore	Oct. 2008	Talk on Gene Isolation
93	Seminar	Microbiology Society, Maharani’s Science college for Women, Mysore.	10.12.2008	Special Lecture on “Gene Silencing”
94	One day workshop on” Integrative Biological Sciences	School of Biological Sciences, Bangalore University, Bangalore	14.02.2009	Special talk on “Human genetics”
95	Workshop on techniques in Biotechnology	Autonomous JSS College of Arts, Commerce and Science, Mysore	6.3.2009	Invited talk on “Genomics”
96	National workshop on Bioinformatics and its applications	Department of Studies in Biotechnology and Microbiology, Karnatak University, Dharwad	28-30 th March 2009	Invited talks on 1)DNA sequencing techniques 2) Human Genome Project
97	!2 days In-service Course for the Post Graduate Teachers (Biology)	Kendriya Vidyalaya Sangathan , Zonal Institute of Education and Training, Mysore.	07.06. 2009	Special talk on “ Recombinant DNA Technology”
98	Seminar	PG department of Biotechnology, Oxford college, Bangalore	6.9. 2009	Talk on “DNA Labeling”
99	Workshop on Biotechnology	Shri Dharmasthala Manjunatheswara Mahila Maha Vidyalaya, Mysore	06.10.2009	Invited talk on “Genetic disorders in Indian context”
100	Workshop on Biotechnology	Karnataka State Women University, Bijapur	27-28 .10. 2009	Invited talk on Genetic Engineering I and II
101	National Symposium on “Role of Biology and Biotechnology in	Department of Botany, Gulbarga University, Gulbarga	23.12.2009	Invited Lecture on “Techniques used in Gene Screening:

	conservation of biodiversity and sustainable development”			An Overview”
102	Orientation course for PUC Biology teachers of 10 districts	Science and Technology Vision Group, Department of Science and technology, and PUC board, Bangalore organized by Deputy Director, PUC Board, Mysore District at Suttur and Gulbarga University, Gulbarga	29.12.2009	Two Invited lectures 1) Basic Genetics 2) Genetic Engineering
103	Orientation course for PUC Biology teachers of 4 districts	Science and Technology Vision Group, Department of Science and technology, and PUC board, Bangalore organized by Deputy Director, PUC Board, Mysore District at Suttur, Mysore	03.01.2010	Two Invited lectures 1) Extensions to Mendelian Genetics 2) Human Genetic Diseases
104	Vision group Inter University subject wise meeting of Life Sciences	Department of Applied Genetics, Karnatak University, Dharwad	19-20 th Feb. 2010	Inter University possible research proposals in Human Genetics
105	Workshop on “Ethics Committees – challenges in building stakeholder confidence”.	Organized by JSS College of Pharmacy, Mysore and Pfizer Ltd, Bangalore	08.10.2010	As a Ethics Committee member of MMC and RI, Mysore - Participant
106	First Refresher course in Life sciences	Academic Staff College, Kannur University, Kerala	11.03.2011	Two invited talks on Human genomics
107	State level Symposium Treatise on Contemporary Molecular Biology – A CPE Programme	Organized by Department of Biotechnology, Sahyadri Science College (Autonomous), Shivmoga	09.05.2011	Invited Talk on “Molecular analysis of Human complex genetic diseases”
108	DST-INSPIRE INTERNSHIP SCIENCE CAMP 16th -20th May, 2011	Prof. H.P.Puttaraju Local Convenor & Co-ordinator Division of Biological Sciences, School of Natural Science,	16-20 th May - 19.5.2011	Interactive Lecture on “Know Your Genes” At Session 7th

		Bangalore University, Bangalore		
109	Orientation for Biology Lecturers, Karnataka State Pre- University Course Board, Bangalore	Organized by Mrs. Shyamala, Principal, Government PUC College, Hebbal, Mysore at Mahajana PUC College, Mysore	25.7.2011 to 29.7.2011	Special Lecture on “Genes, Concept of Genes and Genetic control”
110	Frontier Lecture Series on Science and Technology on the occasion of 150 th Birth anniversary of Bharatharathna Sir M. Visvesvaraya - a programme of the Karnataka State Council for Science and Technology	Organized by Govt. Science College, Hassan	06.09.2011	Invited Special talk on “Molecular Genetics- Genes and Genomes”
111	12 th international Congress of Human Genetics, Montreal, Canada	Organized by American Society of Human Genetics, Bethesda, MD, USA	11.10.2011 to 15.10.2011	Paper presentation (poster) on “ Discovery of pseudoautosomal region 3 redefines the structure and function of Human X and Y chromosomes”
112	Refresher course in Life Sciences	Organized by Academic Staff College, University of Mysore, Mysore	14.12.2012	Talk on “Genomics”
113	The human Genome: Then and Now	Organized by Centre for Human genetics, Bangalore	15.12.2012 to 16.12.2012	Participated
114	Symposium on Population Genetics and Chromatin dynamics	Organized by Department of Zoology, Banaras Hindu University, Varanasi	22.01.2012 to 23.01 .2012 22.01.2012	Invited talk on “Adaptive evolution of Genomes: the cytoraces of <i>nasuta- albomicans</i> complex of <i>Drosophila</i> ”
115	Training on Emerging pedagogies and Assessment Practices in Biology for senior secondary teachers of four regions KN, TN, AP & LD	Regional Institute of Education, Mysore	02.02.2012	Talk on “ Tools of Genetic Engineering”
116	Three days faculty	Karnataka State Open	15-17 Feb.	Talk on

	development programme for UG teachers in the subject BIOTECHNOLOGY	University, Manasagangotri, Mysore and Vision group on Science and Technology, Govt. of Karnataka, Bangalore	2012 16.02.2012	“Know your genes and genomes”
117	Seminar on Preparation of Research Proposals and Funding Agencies	JSS Autonomous College, University of Mysore, Mysore	17.03.2012	Invited talk
118	National Seminar on "Progress in Biomedical Research and Its Impact on Human Health" on the occasion of Kuvempu University silver jubilee celebrations (1987-2012)	Department of Biochemistry, Kuvempu University, Shimoga	2-3 rd April 2012 02.04. 2012	Invited talk on "How relevant is the western data from an Indian context? Investigations of complex genetic disorders"
119	National conference on “New Frontiers in Animal Science” on the occasion of Kuvempu University silver jubilee celebrations (1987-2012)	Department of P.G. Studies and Research in Applied Zoology, Kuvempu University, Shimoga	9-10 th April 2012 10.04.2012	Invited talk on “Unraveling the complexity of developmental dyslexia : An integrated approach”

15. Chairman/ Member of Authority/ Committee etc:

Sl.No.	Chairman/ member/ Secretary	Committee/Authority	Year (From-To)
1	Member	BOE in Zoology (PG), Univ. of Mysore	2002- 2003
2	Member	BOE in Zoology (PG), Karnataka University, Dharward	2002-2003
3	Member	BOE in Zoology (PG), Univ. of Mysore	2004-2006
4	Member	BOS in Genetics (PG), Univ. of Mysore	2005-2008
5	Chairman	BOE in Molecular Biology, Yuvaraja’s College	2006-2006
6	Member	BOE in Zoology (PG), Karnataka University, Dharward	2006-2006
7	Chairman	BOE in Zoology (PG), Univ. of Mysore	2006-2007

8	Member	BOE in Genetics (PG), Univ. of Mysore	2006-2007
9	Member	BOE in Bioinformatics, Mangalore University, Mangalore	2006-2007
10	Member	BOE in Applied Genetics, Bangalore University, Bangalore	2006-2007
11	Member	BOE in Biotechnology, Kuvempu University, Shimoga	2006-2007
12	Academic council Member	Yuvaraja's College, Autonomous College of the University of Mysore, Mysore	2007-2008
13	Chairman	BOE in Genetics, Univ. of Mysore	2007-2008
14	Member	BOS in Biological Sciences (PG), Bangalore University, Bangalore	2007-2010
15	Member	Human ethical committee of Mysore Medical college & Research Institute, Mysore	2007-2011
16	Member	BoE in Molecular Biology, Bangalore University, Bangalore	2008-2009
17	Chairman	BOS in Genetics, Univ. of Mysore	2008-2011
18	Member	School Board of Life Sciences, Pondicherry University, Puducherry	2009-2011
19	Member	BOS in Applied Genetics (PG), Bangalore University, Bangalore	2008-2011
20	Member	BOS in Biotechnology, Yuvaraja's College, Autonomous College of the University of Mysore, Mysore	2008-2011
21	Editorial Board Member	Journal – "Zoological Research" Kunming Institute of Zoology Chinese Academy of Sciences, Kunming, Yunnan 650223, China	2008-2012
22	Member	BOE in Genetics (PG), Univ. of Mysore	2009-2010
23	Member	CDC, PG-Chemistry Affiliation committee, Univ. Of Mysore	2009-2010
24	Member	BOS in Biotechnology (PG), Karnataka State Women University Bijapur	2009-2011
25	Member	BOS in Bioinformatics (PG), Karnataka State Women University Bijapur	2009-2011
26	Member	BOE in Applied Zoology, Mangalore University	20010-2011
27	Member	BOS in Zoology, Univ. of Mysore	2010-2013
28	DST Nominated member	As Jury to the Inspire award Exhibition of Hassan District School children (May 21 to22)	2011

29	Member	Pre-thesis submission colloquium, Dept of Biosciences, Mangalore University	2011-2012
30	Chairman	BOE in Genetics, Univ. of Mysore	2011-2012
31	Member	Evaluation committee for promotion, IISc, Bangalore 27.2.12	2012
32	Member	BoE in Molecular Biology, Bangalore University, Bangalore	2011-12
33	Member	College Developmental council, Affiliation committee, Univ. Of Mysore	2011-2012
34	Member	BOS in Bioinformatics (PG), Karnataka State Women University Bijapur	2011-2013
35	Member	BOE in Biosciences, Mangalore University	2012- 2013
36	Member	Human ethical committee of Mysore Medical college & Research Institute, Mysore	2012-2016
37	Member	BOE in Zoology (PG), Karnataka University, Dharward	2012
38	Member	Human ethical committee of Asthma and Allergy centre, Mysore	2012-2016
39	Member	BOE in Biological Sciences (PG), Bangalore University, Bangalore	2012-2013
40	Member	BOE in Genetics, Univ. of Mysore	2012-2013
41	Member	BOS in Zoology (PG), Karnataka State Women University Bijapur	2012-2014

16. Membership to professional Organization/ Associations:

Sl.No.	Name of the Association/ Organization	Life member/ Ordinary member
1	International Society for Heat Shock genes, USA	Ordinary member 1991
2	International Society for Molecular Evolution, USA	Ordinary member 1992
3	Indian Society of Cell Biology	LIFE MEMBER -1998
4	New York Academy of Sciences, USA	Ordinary member - 1998-99
5	American Association of Genetics, USA	Ordinary member - 2000
6	Indian Society of Developmental Biologist	LIFE MEMBER- 2003
7	Indian society of Human Genetics	LIFE MEMBER - 2007
8	Indian Science Congress Association	LIFE MEMBER - 2007
9	Indian Society of Cytology and Genetics	Ordinary member -2007-08
10	Human Genome Organization (HUGO)	LIFE MEMBER- 2008

17. Any other Information:

a) REVIEWER FOR JOURNALS & RESEARCH PROPOSALS

Name of Journal / Granting agency	Year of Involvement	Work attended
DST, New Delhi	1999	Reviewed grant proposal
Genes development and evolution (Germany)	2005	Reviewed the article
Indian J. of Human genetics	2005	Reviewed the articles
Proc. Cytology and Genetics	2005	Reviewed the article
DST, New Delhi	2005	Reviewed grant proposal
J. Genetics	2006, 2011	Reviewed the articles
Indian J. Human genetics	2006	Reviewed the articles
J of Biosciences	2008	Reviewed the articles
Netherlands grant proposal	2009	Reviewed grant proposal
Journal of All India Institute of Speech and Hearing	2009, Vol. 28	Guest editor
DST, New Delhi	2009, 2010	Reviewed grant proposal
Behaviour Genetics	2010	Reviewed the articles
PLoS ONE	2011	Reviewed the articles
Indian J. of Medical Research	2011, 2012	Reviewed the articles

b) Promotion of Science Education Programme:

Involved in Science education programme of University of Mysore for High School students. Several motivating talks were given at different schools from 2006 onwards.

SIGNATURE
N.B.RAMACHANDRA