

Biodata of

Dr. N. B. RAMACHANDRA Ph.D, FASc

PROFESSOR, AND PRINCIPAL INVESTIGATOR

Chairman - Department of Studies in Genetics and Genomics

Chairman- Board of Studies in Genetics and Genomics

Deputy Coordinator for UGC-SAP (CAS-1), DOS in Zoology

Director- University of Mysore Genome Centre

University of Mysore, Manasagangotri, Mysuru – 570 006, INDIA

nallurbr@gmail.com / ramachandra@genetics.uni-mysore.ac.in

<http://scholar.google.co.in/citations?user=CBqZv1oAAAAJ>

<http://www.ramachandralab.com/>

Phone: 0821-2419781/888 (O) ; Mobile: 09880033687

1. Date of Birth: 31.05.1958

2. Educational Qualification:

Degree	Subject	Year	University	Class
Ph. D.	Zoology (Genetics)	1982-88	Mysore Manasagangotri	Awarded
Ph.D. Thesis title: Contributions to population cytogenetics of <i>Drosophila</i> : Studies on interracial hybridization and B-chromosomes				
M.Sc.	Zoology (Cell Biology)	1980-82	Mysore Manasagangotri	2 nd Rank 1 st Class
B.Sc.	Chemistry, Botany and Zoology	1977-80	Mysore Cauvery College Gonicoppal Kodagu	1 st Class

3. Area of Specialization: 1) ***Drosophila* Genetics and Evolution**

2) **Human Genetic Diseases and Genomics**

4. Research & Teaching Experiences

Sl. No.	Date & Duration	Experiences
1	13. 07. 2015 – to-date	PROFESSOR AND CHAIRMAN , Department of Studies in Genetics and Genomics, Univ. of Mysore, Mysuru
2	12.07. 2007- 12.07.2015	PROFESSOR OF ZOOLOGY (GENETICS) , Coordinator for M.Sc Genetics, DOS in Zoology, Univ. of Mysore, Mysore
3	12.07.2007- 01.04.1999	READER , DOS in Zoology, Univ. of Mysore, Mysore
4	31.03.1999 - 01.04.1994	SENIOR LECTURER , DOS in Zoology, Univ. of Mysore, Mysore
5	July - June 2001	VISITING PROFESSOR - course taught- GENETICS AND DEVELOPMENT, Dept. of Zoology, Univ. of Innsbruck, Austria

6	27.09. 2000 - 01.10. 1999	SENIOR RESEARCH ASSOCIATE II – Cell, Molecular and Developmental Biology, University of California, Los Angeles, USA
7	31.03.1994 - 05.09.1992	LECTURER , Department of Studies in Zoology, University of Mysore, Mysore.
8	04.09.1992 - 19.02. 1990	POSTDOCTORAL FELLOW - MOLECULAR GENETICS, Department of Biochemistry, McMaster University, Hamilton, Canada.
9	18.02.1990 - 01.04.1989	RESEARCH ASSOCIATE (CSIR) - SPECIATION GENETICS & HONARORY LECTURER, Dept. of Zoology, Univ. of Mysore.
10	31.03.1989 - 04.04.1988	RESEARCH ASSOCIATE (ICMR) - HUMAN GENETICS, Dept. of Human Genetics, NIMHANS, Bangalore.
11	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).
12	26.12.1986 - 27.12.1982	RESEARCH FELLOW (UGC) (As JRF & SRF)-DROSOPHILA GENETICS, Department of Zoology, Univ. of Mysore, Mysore.

5. Awards/ Recognitions:

Sl.No.	Year	Recognition	Institution
1	2017	Elected Fellow of Indian Academy of Sciences, FASc. 2017	Indian Academy of Sciences, Bengaluru-80
2	2016	Centenary Year 1016-2016 - Golden Jubilee foundation Award for Science – Sir C.V. Raman award for 2014-15 (24.07.2016)	University of Mysore, Mysuru
3	2015	Dr. Raja Ramanna Scientists State Award for the year 2014 (Award presented on 30.12.2015)	Government of Karnataka, State Council for Science and Technology, IISc., Bangalore and Department of Information Technology and Science & Technology, Karnataka Govt. Secretariat, Bangalore
4	2015	Prof. G. K. Manna Memorial Award of ISCA for the year 2014-2015 (Award presented on 04.01.2015)	102 nd Indian Science Congress, held at University of Mumbai, ISCA, Kolkata
5	2014-2016	Organizing Local Secretary for 103rd Indian Science Congress , 3 rd -7 th January 2016, (From August 2014)	University of Mysore, Mysore

6	2013	Award for Research Publications	Government of Karnataka Vision Group on Science and Technology, Department of Information Technology, Biotechnology & Science and Technology, Bangalore
7	2011	DST Travel Grant Award for the International meeting	12 th International Congress of Human Genetics, Montreal, Canada
8	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
9	2008-2012	Editorial Board Member (4 years)	7 th Editorial Board of Zoological Research, The Chinese Academy of Sciences, China
10	2001	VISITING PROFESSOR- to teach course on- Genetics and development	Dept. of Zoology, Univ. of Innsbruck, Austria
11	1999-2000	Senior Research Associate II award	University of California, Department of Cell Molecular and Developmental Biology, Los Angeles, USA
12	1990 - 1992	Post Doctoral Fellow Award	McMaster University, Department of Biochemistry, Canada
13	1990	Government of India Nehru Centenary British Fellowship (common wealth) Award	Department of Biological sciences, Warwick University, Coventry, United Kingdom (not availed).
14	1982	II Rank in M.Sc	DOS in Zoology, Univ. of Mysore.
15	1980	"Best boy of the college" award	Cauvary College, Gonicoppal, Univ. of Mysore.

6. Number of Research Projects:

i) Completed: 14

Sl.No.	Principal Investigator (PI) or Co- PI	Title	Funding agency	Year	Amt In lakhs
1	PI	Genetics and genomics of <i>Drosophila</i> and human.	UGC-BSR One Time Grant	2014-2015	Rs. 7 lakhs
2.	PI in India	Development of an automated and low-cost handheld device for diagnosis of tuberculosis .	International collaborative research project with McMaster University, Canada -	15.03.2014 to 26.05.2014	1.09 lakhs (from CAN \$10,000)

			Shastri Research Grant (SRG)		
3.	Co PI	A Comprehensive Screening Of ADAM33 Gene Polymorphisms: Relationship To Asthma And Airway Obstruction	*ICMR, New Delhi	2011-2014	19.00
4.	PI in India	Fast, affordable, easy to use TB and MDRTB handheld tester for use in poor resource settings	International collaborative research project with McMaster University, Canada for Grand Challenges Canada Ref: 5-85510	1.3.2013 to 28.2.2014	\$7,458 CAD (Rs. 3,96,878 /-)
5.	PI	Genetic analysis of Dyslexia – Linkage analysis of susceptible genes for Dyslexia (SR/SO/HS-103/2007 dt: 05.03.2009)	DST (Health Science), New Delhi	June 2009-August 2012	37.00
6.	PI	Screening for Dyslexia phenotypes and their molecular genetic analysis (SR/CSI/14/2008 dt: 09.01.2009)	DST (Cognitive science Initiative), New Delhi	April; 2009-March 2012	28.00
7.	PI	Molecular genetic analysis of Congenital Heart Diseases (No. 27(0156/06/EMR-II dt: 19.10.2006)	CSIR (Health Science), New Delhi	Jan.2007-Mar.2010	18.00
8	Co-PI (PI: Prof. H. A. Ranganath)	Unit on Evolution and Genetics (SR/SO/LU-01/2003 dt: 16.11.05)	DST (IRPHA scheme) New Delhi	2006-2010	132 .00
9	PI	Genetic analysis of language disorder with special reference to Dyslexia (No. F.39-4(6)/2002-2003/FAVO dt: 19.02.2003)	Central Institute of Indian Languages, Mysore	2003-04	1.00

10	PI	Isolation and analysis of mutations involved in the indirect flight muscle development in <i>Drosophila</i> (No. SP/SO/C-25/98 dated 20.2.2002)	DST, Animal PAC, New Delhi	2002-05	12.00
11	Co-PI (PI: Prof. Shankara Bhat)	Isolation and characterization of fimbrial antigen from enterotoxigenic <i>E. coli</i> & developing antibodies in chicken eggs	Neobiotics India Pvt. Ltd, Mysore	2001-03	2.12
12	Co-PI (PI- Prof. H. A. Ranganath)	Hybridization and Raciation in <i>Drosophila</i> II phase (SP-SO/C-51/98 Dated.07.07.2000)	DST (Animal PAC), New Delhi	2000-05	10.00
13	Co-PI (PI- Prof. H. A. Ranganath)	Hybridization and Raciation in <i>Drosophila</i> (SP/SO/C-11/94 Dt: 5.07.1995)	DST, (Animal PAC), New Delhi	1995-99	17.00
14	PI	Studies on the development of Indirect flight muscles in <i>Drosophila</i> (SP/SO/D-72/93 DT:7.4.1995)	DST (Biochemistry - Molecular Biology PAC)	1995-99	7.20

ii) On-going : 02

Sl. No.	Principal Investigator (PI) or Co- PI	Title	Funding agency	Year	Amount In Lakhs
1	PI	Unraveling the adaptive genome evolution by whole genome sequencing of <i>Drosophila nasuta nasuta</i> and laboratory evolved four hybrid strains, Cytoraces	DBT, New Dehli	2015-2018	70.494 laks
2	PI	Genetics of Autism	UGC, New Delhi (Major Research Project)	2015-2018	15.76

Summary of the Research and Administrative credentials

1. Number of Ph.D. Candidates successfully completed	--	20
2. Number of Ph.D. Candidates currently working	--	10
3. Number of M. Phil Candidates successfully completed	--	02
4. Number of summer students allotted by the Indian Academies of Sciences worked under me	--	08
5. Research Publications:	--	235
i) Publications in peer-reviewed journals:	--	128
ii) Publications in conference proceedings:	--	09
iii) Gene / DNA sequences in NCBI, USA:	--	63
iv) Research notes in Drosophila Information Service, USA:	--	14
v) Books / Documentation:	--	14
vi) Presentation in Seminars and Conferences:	--	203
vii) h-index :	--	19
viii) i10-index:	--	44
ix) Total citations :	--	1138+
6. Academic, Administrative and Professional responsibilities held:	--	102

I. LIST OF PUBLICATIONS

i) PUBLICATIONS IN PEER-REVIEWED JOURNALS : 128

<i>Sl no</i>	<i>Year</i>	<i>Details of publications</i>
1	2017	Ashitha SNM, Avinash M Veerappa and NB Ramachandra Whole exome sequencing of discordant diseases in monozygotic twins with Down syndrome reveals mutations for Congenital Heart Defect and Epileptic seizures, <i>Meta Gene</i> , 12: 134-137 (IF:1.27) Citation – 03.
2	2017	Tejaswini Prakash, Avinash M Veerappa and NB Ramachandra Complex interaction between HNRNPD mutations and risk polymorphisms is associated with discordant Crohn's disease in monozygotic twins, <i>Autoimmunity</i> (IAUT) DOI: 10.1080/08916934.2017.1300883 (IF:2.9).
3	2017	Raviraj V Suresh, Narayanappa D , Savitha R. M., Ambika S. Udupa, Kusuma Lingaiah, Sunil Kumar Polapalli and NB Ramachandra Association of <i>RFC1</i> A80G gene polymorphism with advanced maternal age in risk of Down syndrome, <i>Current Medicine Research and Practice</i> , doi.org/10.1016/j.cmrp.2016.11.001 Published 21 February 2017. Citation – 09.
4	2016	Raviraj V Suresh, Kusuma Lingaiah , Avinash M Veerappa and NB Ramachandra Identifying the risk of producing aneuploids using meiotic recombination genes as biomarkers: A Copy Number Variation approach. <i>Indian J Med Res</i> (In Press) (IF:2.061).
5	2016	AvinashM. Veerappa, Prakash Padakannaya, and NB Ramachandra Copy Number Variation of UGT 2B Genes in Indian Families Using Whole Genome Scans. <i>Journal of Nucleic Acids</i> , ID 1648527, 7 pages, On line: http://dx.doi.org/10.1155/2016/1648527 .
6	2016	Radhika Padma and NB Ramachandra. Differential mate choice among laboratory evolved cytoraces, members of <i>nasuta albomicans</i> complex of <i>Drosophila</i> . <i>International Journal of Advanced Research</i> , 4 (4): 335-346.
7	2016	Megha Murthy , Avinash M Veerappa and NB Ramachandra High resolution arrays reveal burden of Copy Number Variations on Parkinson Disease genes associated with increased disease risk in random cohorts. <i>Neurological Research</i> , DOI: 10.1080/01616412.2016.1204105 (IF: 1.439)
8	2016	Manasa Prabhanjan, Raviraj V. Suresh Megha N. Murthy, NB Ramachandra Type 2 diabetes mellitus disease risk genes identified by genome wide copy number variation scan in normal populations. <i>Diabetes Res Clin Pract</i> , http://dx.doi.org/10.1016/j.diabres.2015.12.01 (IF:3.045).
9	2016	RaviRaj V Suresh, Kusuma Lingaiah, Narayannapa and Savitha and NB Ramachandra Association of recombination errors and young mother age in risk of Down Syndrome in South Indian population. <i>International Journal of Advanced Research</i> , 4(8), 622-629.
10	2015	Manjegowda, D. S., P. Karunakar and NB Ramachandra

		Effect of Structural Changes in Proteins Derived from GATA4 Nonsynonymous Single Nucleotide Polymorphisms in Congenital Heart Disease. <i>Indian J Pharm Sci</i> 2015;77(6):735-741.
11	2015	Parisa Davoodi, Mahesh P, Amrutha D Holla and NB Ramachandra A preliminary study of the association of single nucleotide polymorphisms of <i>IL4</i> , <i>IL13</i> , <i>IL4R</i> and <i>TLR4</i> with asthma in Indian adults. <i>Indian J Med Res.</i> 142: 675-680, DOI:10.4103/0971-5916.174551 (IF: 2.061).
12	2015	Veerappa AM, Raviraj VS, Sangeetha V, Kusuma L, Megha Murthy, Dinesh SM,Prakash P and NB Ramachandra Global patterns of large copy number variations in the human genome reveal complexity in chromosome organization. <i>Genet. Res., Camb.</i> vol. 97, e18. doi:10.1017/S0016672315000191. (IF=2.2)
13	2015	Jahromi SR, Mahesh PA, Jayaraj BS, Holla AD, Sangeetha V, and NB Ramachandra IL-10 and IL-17F Promoter Single Nucleotide Polymorphism and Asthma: A Case-Control Study in South India, <i>Lung</i> ,193:739-747 (IF:2.271).
14	2015	Parisa Davoodi, Mahesh P, Amrutha D Holla and NB Ramachandra Family history and the risk for adult onset asthma. <i>Indian J Med Res.</i> 141:361-363 (IF: 2.061).
15	2015	Ramachandra NB and Kusuma L An understanding of spinocerebellar ataxia. <i>Indian J. of Med Res.</i> 141:10-12 (Commentary) (IF: 2.061).
16	2015	Avinash M V, Sangeetha V, Kusuma L, Megha M, Raviraj V S, , Dinesh S M, and NB Ramachandra Global spectrum of Copy Number Variations reveals genome organizational plasticity and proposes new migration routes. <i>PLoS ONE</i> 10(4): e0121846. doi:10.1371/journal.pone.0121846 (IF: 4.09) Citation–2.
17	2014	Kusuma L and NB Ramachandra An insight into the understanding of 5-HTR2A variants leading to schizophrenia. <i>Indian J. of Med Res.</i> 140: 713-715 (Commentary) (IF: 2.061)
18	2014	Avinash M Veerappa, Kusuma Lingaiah, SangeethaVishweswaraiah, Megha N Murthy, Raviraj V Suresh, Dinesh S Manjegowda, and NB Ramachandra Impact of Copy Number Variations Burden on Coding Genome in Humans Using Integrated High Resolution Arrays. <i>Genet. Res., Camb.</i> 96, e17. doi:10.1017/S0016672314000202 (IF=2.2)
19	2014	Dinesh S Manjegowda, Manu Prasad, Avinash M Veerappa, and NB Ramachandra Genome-wide Copy Number Scan Identifies IRF6 Involvement in Van der Woude Syndrome in an Indian Family. <i>Genet. Res., Camb.</i> 96, e12 doi.org/10.1017/S0016672314000159 (IF=2.2)
20	2014	Sangeetha Vishweswaraiah, Avinash M Veerappa, Padukudru A Mahesh, Sareh R Jahromi and NB Ramachandra Copy Number Variation burden on Asthma sub-genome in normal cohorts identifies susceptibility markers. <i>Allergy, Asthma & Immunology Research</i> , Dec;7:e2. :1-15 (IF= 3.084)
21	2014	Anand Siddaiah · Marita Saldanha · Shyamala K. Venkatesh · Ramachandra NB and Prakash Padakannaya Development of Rapid Automatized Naming (RAN) in Simultaneous

		Kannada-English Biliterate Children, <i>J Psycholinguist Res</i> DOI 10.1007/s10936-014-9338-y (IF=0.653) Citation- 02
22	2014	Sangeetha V, Avinash MV, Mahesh PA, Jayaraj BS, Chaya SK, and NB Ramachandra Molecular interaction network and pathway studies of ADAM33 potentially relevant to asthma, <i>Annals of Allergy, Asthma & Immunology</i> (113 (4):418–424.e1. (IF: 3.1) Citation -02.
23	2014	Avinash MV, Marieta S, Prakash P and NB Ramachandra Family based genome-wide copy number scan identifies complex rearrangements at 17q21.31 in dyslexics, <i>American Journal of Medical Genetics. Part B: Psychiatry Genetics</i> , 165(7): 572-580 (IF: 3.270)
24	2014	Jahromi SR, Mahesh PA, Jayaraj BS, Subbarao MV, Holla AD, Sangeetha V, and NB Ramachandra Serum Levels of IL-10, IL-17F and IL-33 in Patients with Asthma: A Case-Control Study, <i>Journal of Asthma</i> , 51(10): 1004-1013. (IF:1.848) Citation – 19.
25	2014	Salam Herojeet Singh, Prabodh Kumar, NB Ramachandra , Upendra Nongthomba. Roles of the Troponin isoforms during indirect flight muscle development in <i>Drosophila</i> , <i>J Genet.</i> ,93(2):379-88 (IF: 0.876). Citation – 08.
26	2014	Salam Herojeet Singh, NB Ramachandra , Upendra Nongthomba. <i>Egg-derived tyrosine phosphatase</i> as a potential biomarker for muscle ageing and degeneration in <i>Drosophila melanogaster</i> , <i>J. Genet Genomics</i> 41:221-224 (IF:1.883) Citation – 02.
27	2014	Radhika P and NB Ramachandra , Divergence of the gene <i>aly</i> in experimentally evolved <i>Cytoraces</i> , the members of <i>nasuta-albomicans</i> complex of <i>Drosophila</i> , <i>Insect Molecular Biology</i> , 23(4):435-443, DOI: 10.1111/imb.12091 (IF:3.044).
28	2014	Avinash M V, Megha M, Sangeetha V, Kusuma L, Raviraj V S, Somanna A N, Nelchi P, Sangeetha N U, Manjula A S, Dinesh S M, B S Keshava and NB Ramachandra Copy Number Variations burden on miRNA genes reveals layers of complexities involved in the regulation of pathways and phenotypic expression. <i>PLoS ONE</i> 9 (2): e90391 (IF:4.09). Citation – 06.
29	2014	Venkatesh, S K., Siddaiah, A., Padakannaya, P. and NB Ramachandra Association of SNPs of <i>DYX1C1</i> with Developmental Dyslexia in Indian population. <i>Psychiatric Genetics</i> , 24:10-20 (IF: 2.581).
30	2014	Avinash MV, Sangeetha V, Kusuma L, Megha M, Raviraj VS, Tejaswini, Niveditha P, Supriya GPK, Keshava B S, and NB Ramachandra Insertion-Deletions burden in Copy Number Polymorphisms of the Tibetan Population, <i>Indian journal of Human Genet</i> 20:166-174
31	2014	Marita Saldanha, Anand Siddaiah, Avinash M. Veerappa, Ramachandra NB ,and Prakash Padakannaya Catch Them Before They Fall : A Simple Test of Sight-Word and Pseudo-Word Reading in Kannada for a Quick and Early Assessment. <i>Sage Open</i> DOI: 10.1177/2158244014560524Published 21 December 2014 Citation – 01.
32	2014	Jahromi SR, Mahesh PA, Jayaraj BS, Subbarao MV, Holla AD, Sangeetha V, and NB Ramachandra Single Nucleotide Polymorphism and Asthma: From Conformational

		Variations to Structural Alternations. <i>Molecular and Biochemical Diagnosis (Journal)</i> 1(2) : 63-75.
33	2014	Ramakrishna M K, Kusuma L, Nallur B. Ramachandra and Saraf R Ramesh, Isozyme analysis in type 2 cytoraces of <i>nasuta-albomicans</i> complex of <i>Drosophila</i> . <i>J. Cytology & Genetics</i> , 15(NS):23-37
34	2013	Avinash MV, Marieta S, Prakash P and NB Ramachandra Genome-wide copy number scan identifies disruption of PCDH11X in developmental dyslexia. <i>American Journal of Medical Genetics. Part B: Neuropsychiatric Genetics</i> , 9999:1–9. (IF: 3.270) DOI 10.1002/ajmg.b.32199. Citation – 14
35	2013	Venkatesh, S K., Siddaiah, A., Padakannaya, P. and NB Ramachandra Lack of association between genetic polymorphisms in ROBO1, MRPL19/C2ORF3 and THEM2 with Developmental Dyslexia. <i>Gene</i> , 529: 215–219 (IF: 2.196) Citation – 05.
36	2013	Parisa Davoodi, P A Mahesh, Amrutha D Holla and NB Ramachandra Association of socio-economic status with family history in adult patients with Asthma. <i>Indian J Med Res</i> , 138: 497-503 (IF:2.061) Citation – 02.
37	2013	Avinash M V, Sangeetha V, Kusuma L, Megha Murthy, Dinesh S M, Radhika Nayaka, and NB Ramachandra Unraveling the complexity of Human Olfactory Receptor repertoire by Copy Number analysis across population using high resolution arrays <i>PLOS ONE</i> 8(7): e66843. doi:10.1371/journal.pone.0066843 (IF: 4.09) Citation – 10.
38	2013	Avinash MV, Marieta S, Prakash P and NB Ramachandra Family based genome-wide copy number scan identifies five new genes of dyslexia involved in dendritic spinal plasticity. <i>Journal of Human Genetics</i> , 1434-5161/13 (IF: 2.570) Citation – 08.
39	2013	Venkatesh, S. K., Siddaiah, A., Padakannaya, P. and NB Ramachandra Analysis of genetic variants of Dyslexia candidate genes <i>KIAA0319</i> and <i>DCDC2</i> in Indian population. <i>Journal of Human Genetics</i> , 1434-5161/13 (IF: 2.570) Citation – 14.
40	2013	Avinash M Veerappa, Marita Saldanha, Prakash Padakannaya and NB Ramachandra Copy Number Variation analysis in humans reveal previously identified X chromosome Transposed Region (XTR) in Y-chromosome to be a pseudoautosomal region 3 (PAR3). <i>Functional & Integrative Genomics</i> (DOI: 10.1007/s10142-013-0323-6) (IF:3.3). Citation – 12
41	2013	Mysore S. Ranjini and NB Ramachandra Rapid evolution of a few members of <i>nasuta-albomicans</i> complex of <i>Drosophila</i> : Study on two candidate genes, <i>Sod1</i> and <i>Rpd3</i> . <i>Journal of Molecular Evolution</i> , <i>J. Mol. Evol.</i> 76(5): 311—323, DOI 10.1007 /s00239-013-9560-5 (IF:2.274).
42	2012	Parisa Davoodi, P A Mahesh, Amrutha D Holla, G S Vijayakumar, B S Jayaraj, Chandrashekar S, and NB Ramachandra Serum levels of Interleukin-13 and Interferon-gamma from adult patients with asthma in Mysore. <i>Cytokine</i> , 431–437 Doi.org/10.1016/j.cyto.2012.05.012 (IF: 3.53) Citation – 10.
43	2012	Ramakrishna M K, Nallur B. Ramachandra and Saraf R Ramesh, Competitive ability among the members of type 2 cytoraces of <i>nasuta-albomicans</i> complex of <i>Drosophila</i> . <i>International J. of Advanced Biol. Res.</i>

		2(3): 449-456.
44	2012	Bijaya T. and NB Ramachandra Genomic Introgression in Laboratory Evolved Hybrid Races, Cytorace 1 and Fissioncytorace-1 of <i>Nasuta-Albomicans</i> Complex (NAC) of <i>Drosophila</i> as Revealed by RAPD and ISSR Markers. <i>Italian Journal of Zoology</i> , 2012, iFirst, 1–10 (IF=0.939).
45	2012	Salvi SS, Kumar RP, Ramachandra NB , Sparrow JC, Nongthomba U. Mutations in <i>Drosophila</i> myosin rod cause defects in myofibril assembly. <i>J Mol. Bio.</i> 419(1-2):22-40. (IF: 4.008) Citation – 01.
46	2012	Santhosh Kumar K, Kusuma L, Ramachandra NB and Nair Vijay Mala Genetic variations among ecologically diverse species of Anurans at the level of Genus based on ISSR Marker. <i>I. Res. J. Biological Sci.</i> 1(7) : 11-19 Citation – 01.
47	2011	Suttur S Malini, Mysore R Savitha, and NB Ramachandra Maternal grandmothers with advanced age reproduction are more likely to have Down syndrome grandchildren. <i>J. Paramedical Sciences (JPS)</i> , 2 (3):8-15 Citation – 01.
48	2011	Bijanazadeh Mahdi , Mahesh PA, and NB Ramachandra An understanding of the genetic basis of Asthma. Review- <i>Indian J. Med Res.</i> 134:149-161 (IF: 2.031) Citation- 47.
49	2011	Kusuma L, Dinesh S. M., Savitha M.R, Krishnamurthy B., Narayanappa D. and NB Ramachandra Mutations of <i>TFAP2B</i> in congenital heart disease patients of Mysore, South India, <i>Indian Journal of Medical Research</i> , 134: 621-626 (IF:2.031). Citation– 05.
50	2011	Ranjini MS, Ravikumar H, Muralidhara and NB Ramachandra Differential susceptibility of a few members of <i>nasuta-albomicans</i> complex of <i>Drosophila</i> to paraquat induced lethality and oxidative stress. <i>Genome</i> , 54(10): 829-835, 10.1139/g11-049 (IF: 1.971). Citation – 03.
51	2011	Sosalagere M. Dinesh, Kusuma Lingaiah, Mysore R. Savitha, B Krishnamurthy, D Narayanappa and NB Ramachandra <i>GATA4</i> Specific Nonsynonymous Single Nucleotide Polymorphisms in Congenital Heart Disease Patients of Mysore, India, <i>Genetic Testing and Molecular Biomarkers</i> , 15(10): 715-720. (IF= 1.617) Citation – 06.
52	2011	Kusuma L, Dinesh S. M., Savitha M.R, Krishnamurthy B., Narayanappa D. and NB Ramachandra A maiden report on CRELD1 Single Nucleotide Polymorphism association in congenital heart disease patients of Mysore, South India. <i>Genetic Testing and Molecular Biomarkers</i> , doi:10.1089/gtmb.2010.0246. (IF= 1.617) Citation-10.
53	2011	Shyamala K. Venkatesh, Anand Siddaiah, Prakash Padakannaya and NB Ramachandra An examination of candidate gene SNPs for Dyslexia in an Indian sample, <i>Behavior genetics</i> , 2011;41(1):105-109. (IF=3.1) Citation - 17.
54	2010	Dinesh S.M., Kusuma L., Smitha R., Savitha M.R., Krishnamurthy B., Narayanappa D., and NB Ramachandra Single Nucleotide Polymorphisms of NKX2.5 found in Congenital Heart Disease patients of Mysore, South India. <i>Genetic Testing and Molecular Biomarkers</i> 14 (6):1-7. (IF= 1.617) Citation- 11.
55	2010	Ranjini,M.S and NB Ramachandra

		Differential response to hormosis by laboratory evolved short-lived and long-lived cytoraces of <i>nasuta-albomicans</i> complex of <i>Drosophila</i> , <i>Italian J. Zoology iFirst</i> , 1-12. (IF=0.939) Citation- 03.
56	2010	Bijanzadeh Mahdi , Mahesh PA, Savitha Mysore R., Pradeep Kumar, Jayaraj B S, and NB Ramachandra Inheritance patterns, Consanguinity and Risk for Asthma, <i>Indian J. Med Res</i> 132:48-55. (IF =2.031) Citation – 10.
57	2010	Mahdi Bijanzadeh, NB. Ramachandra , P. A. Mahesh, M R. Savitha, B. S. Manjunath and B. S. Jayaraj Association of IL-4 and ADAM33 gene polymorphisms with asthma in an Indian population, <i>Lung</i> 188:415-422 (IF=1.899) Citation – 44.
58	2010	Smitha Rame Gowda, Harshavardhan M. Gawde, Abbas Hyderi, Mysore R.Savitha, Balasundaram Krishnamurthy, Sameul C. Karat, Narayanappa, Daddaiah, Zareen M. Patel and NB Ramachandra Chromosomal Anomalies and Congenital Heart Disease in Mysore, South India. <i>Int. J. Hum. Genet.</i> 10(1-3):131-139. (IF:0.183) Citation–07.
59	2010	Suttur S. Malini and NB Ramachandra Young Mothers Produce More Chromosomal Syndrome Babies in Mysore, South India. <i>Int. J. Hum. Genet.</i> 10(1-3):105-112. (IF:0.183)
60	2010	Bijaya T. and NB Ramachandra Racial divergence of a rare laboratory evolved centromeric fission Cytorace of <i>nasuta-albomicans</i> complex of <i>Drosophila</i> . <i>Indian J. Exp. Biol.</i> 48:511-517. (IF 1.295) Citation – 01.
61	2010	Dinesh S M, Kusuma L, and NB Ramachandra The most frequent 239 A>G SNP of <i>NKX2.5</i> is not involved in Congenital Heart Disease. <i>New York Science Journal</i> , 3(8): 43-47. Citation – 02.
62	2010	Dinesh S. M, Prashantha Karunakar, C. Amruthavalli and NB Ramachandra Analysis and homology modeling of proteins derived from <i>NKX2.5</i> non-synonymous single nucleotide polymorphisms involved in congenital heart disease, <i>Nature and Science</i> , 8(9); 27-38 Citation – 01.
63	2010	Bijaya T. and NB Ramachandra Genetic Variability Assessed by Competitive Ability and ISSR Markers in the Members of the <i>Nasuta-albomicans</i> Complex of <i>Drosophila</i> . <i>Nature and Science</i> , 8(12); 29-42. Citation – 01
64	2010	Kusuma L, Bharath A. P., Savitha R. M., Krishnamurthy B. and NB Ramachandra A rare case of congenital heart disease with ambiguous genitalia. <i>Indian J. Hum Genet.</i> 53: 100-102. Citation – 24
65	2009	Mahdi Bijanzadeh, Ramachandra,NB , P. A. Mahesh, Mysore R. Savitha, B. S. Manjunath and B. S. Jayaraj Lack of Association Between Asthma and ABO Blood Group. <i>Lung</i> , 187(6):389-392. (IF=1.899) Citation – 05.
66	2009	Mahdi Bijanzadeh, Ramachandra,NB , 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. <i>Lung</i> , 187(5):315-320. (IF=1.899) Citation – 17
67	2009	Pushpa Saviour, Prakash Padakannaya, Surendranath Nishanimutt and NB Ramachandra Familial Patterns and Biological Markers of Dyslexia. . <i>Int. J. Hum. Genet.</i>

		9(1):21-29. (IF:0.183) Citation – 14.
68	2009	Malini S. Suttur, Savitha R. Mysore, Balasundaram Krishnamurthy, NB Ramachandra. Rare association of Turner syndrome with neurofibromatosis type 1 and tuberous sclerosis complex. <i>Indian J. Hum. Genet</i> 15(2): 75-77. (IF=0.469) Citation – 02
69	2009	Ranjini,M.S and NB Ramachandra Evolution of short-lived and long-lived races of <i>Drosophila</i> in the environs of laboratory. <i>Indian J. of Gerontology</i> , 23(4):381-298. Citation – 10
70	2009	Ramachandra NB and Ranjini M.S Experiments to Demonstrate Change in Allelic Frequency by Genetic Drift. <i>Resonance</i> , 14 (11): 1110-1118.
71	2008	Prakash Padakannaya, Ramachandra NB and Nandini C. Singh Dyslexia, orthography and brain. <i>Curr. Sci.</i> , 95(10):1381 (IF= 0.935)
72	2008	Ponnappa K.C., Pushpa Saviour, Ramachandra, NB. Manjunatha Kini, R and T. Veerabasappa Gowda INN-toxin, a highly lethal peptide from the venom of Indian cobra (<i>Naja naja</i>) venom—Isolation, characterization and pharmacological actions. <i>Peptides</i> , 29(11):1893-1900. (IF=2.654) Citation – 06
73	2008	Sajesh Babu and NB Ramachandra Recombination mapping of mutations involved in the development of indirect flight muscles in <i>Drosophila melanogaster</i> . <i>J. Cytol. and Genet.</i> 9(NS):7-11.
74	2008	Pushpa Saviour, Satish Kumar, U Kiran, Rajasekhara Reddy Ravuri, VR Rao, NB Ramachandra Allelic variants of <i>DYX1C1</i> are not associated with dyslexia in India. <i>Indian J. Hum. Genet</i> 14(3):99-102. (IF=0.469) Citation – 14
75	2007	Suttur S Malini, Mysore R. Savitha, Balasundaram Krishnamurthy and NB Ramachandra Advanced maternal grandmother age is a risk factor in causing sex chromosomal aneuploidy. <i>Int. J. Hum. Genet.</i> 7(4): 289-296. (IF:0.183) Citation – 03
76	2007	Smitha R, Savitha MR, Krishnamurthy B, Doddaiiah N, Prasanth SN and NB Ramachandra Association between pericentric inversion in chromosome 9 and congenital heart defects. <i>Int. J. Hum. Genet.</i> 7(3): 241-248. (IF:0.183) Citation – 09
77	2007	Harini B.P. and NB Ramachandra Newly evolved races live better: a study of life – history traits in the four members of <i>nasuta – albomicans</i> complex of <i>Drosophila</i> at different temperatures. <i>Curr. Sci.</i> 93: 348-356. (IF=0.897) Citation – 06
78	2007	Sajesh Babu and NB Ramachandra Screen for new Mutations on the 2 nd Chromosome Involved in Indirect Flight Muscle Development in <i>Drosophila melanogaster</i> . <i>Genome</i> , 50(4): 343–350. (IF= 1.971)
79	2007	Smitha R, Arun K, Savitha MR, Krishnamurthy B, Narayanappa D and Ramachandra NB. Missense mutation G296S in <i>GATA4</i> is not responsible for cardiac septal defects. <i>Indian J. Hum. Genet.</i> 13(1):30-32. Citation – 03

80	2007	Suttur. S. Malini, Smitha Ramegowda and NB Ramachandra Evolution of Phenylthiocarbamide taster trait in Mysore. South India, <i>Indian J. hum. Genet.</i> 13 (1): 16-20. Citation – 03
81	2007	Pushpa Saviour, Smitha Ramegowda and NB Ramachandra Satellite associations in human acrocentric chromosomes: An insight into the evolution of biarmed chromosomes. <i>J. Cytol. and Genet.</i> 8:47-55.
82	2007	Suttur S Malini and NB Ramachandra Possible risk factors for Down syndrome and sex chromosomal aneuploidy in Mysore, South India. <i>Indian J. Hum. Genet.</i> 13(3):102-108. Citation – 07
83	2007	Savitha MR, Krishnamurthy B, Ashok DA and NB Ramachandra Self-abortion of attacks in patients with Hot water epilepsy. <i>Indian Pediatrics</i> , 44:295-298. (IF=0.956) Citation – 06
84	2006	Saviour P and NB Ramachandra Biological basis of dyslexia: A maturing perspective. <i>Curr. Sci.</i> 90(2):168-175. Review article. (IF= 0.935) Citation – 10
85	2006	Smitha R, Gawde HM, Hyderi A, Savitha MR, Patel ZM, Krishnamurthy B and NB Ramachandra <i>De novo</i> isochromosome 18p in a female dysmorphic child. <i>J. Appl. Genet.</i> 47(4):397-401. (IF= 1.482) Citation – 22
86	2006	Smitha R and NB Ramachandra Parental consanguinity increases Congenital Heart Diseases in South India. <i>Annals of Hum. Biol.</i> 33(5/6):519-928. (IF=1.713) Citation – 49
87	2006	Savitha MR, Krishnamurthy B, Hyderi A, Farhan-UI-Haque and NB Ramachandra Myotonia congenital- a successful response to carbamazepine. <i>Ind. J. Pediatrics</i> ,73:431-433. (IF= 0.52) Citation – 12
88	2006	Smitha R, Karat SC, Narayanappa D, Krishnamurthy B, Prasanth SN and NB Ramachandra Prevalence of Congenital Heart Diseases in Mysore. <i>Indian J. Hum. Genet.</i> 12(1):12-17. Citation - 46
89	2006	Malini S S and NB Ramachandra Influence of advanced age of maternal grandmothers on Down syndrome. <i>BMC Medical genetics.</i> 7: 4 (8 pages) Feb. 14 th (IF=2.84) Citation – 64
90	2005	Saviour P and NB Ramachandra Modes of genetic transmission of dyslexia in south Indian families. <i>Indian J. Human Genetics</i> . 11(3):135-140. Citation – 07
91	2005	Smitha R and NB Ramachandra An understanding the basis of congenital heart disease. <i>Ind. J. Human Genetics</i> 11: 14-23. Review article (IF=0.469) Citation – 14
92	2004	Morros J, Ramachandra NB , Ladurner P., Egger B, Rieger R and V. Hartenstein The embryonic development of flatworm <i>Macrostomum</i> sp. <i>Dev. Genes Evol.</i> 214:220-239 (IF=2.146) Citation – 49
93	2003	Harini BP and NB Ramachandra Racial divergence in the foreleg bristles of four members of the <i>nasuta-albomicans</i> complex of <i>Drosophila</i> , <i>Curr. Sci.</i> 85(10) : 1444-1450. (IF= 0.935)

94	2003	Harini BP and NB Ramachandra Evolutionary experimentation through hybridization under laboratory condition in <i>Drosophila</i> : Evidence for Recombinational Speciation. <i>BMC Evolutionary Biology</i> , 3,20 (1-19) (IF= 3.52.) Citation – 21
95	2003	Tanuja MT., Ramachandra NB and HA Ranganath Hybridization and introgression of the genomes of <i>Drosophila nasuta</i> and <i>Drosophila albomicans</i> : Evolution of new karyotypes. <i>Genome</i> 46:605-611. (IF= 1.971) Citation – 10
96	2002	Ramachandra NB. , Gates RD., Ladurner P., Jacobs JK and Hartenstein V. Embryonic development in the primitive bilaterian <i>Neochildia fusca</i> : normal morphogenesis and isolation of POU genes <i>Brn-1</i> and <i>Brn-2</i> . <i>Dev.genes Evol.</i> 212: 55-69. (IF=2.146) Citation – 28
97	2001	Tanuja MT., Ramachandra NB and HA Ranganath Incipient sexual isolation in the nasuta-albomicans complex of <i>Drosophila</i> : Mating preference in male-, female- and multiple-choice mating experiments <i>J. Biosci.</i> , 26:365-371 (IF=1.888) Citation - 12
98	2001	Tanuja MT., Ramachandra NB and HA Ranganath Incipient sexual isolation in the <i>nasuta-albomicans</i> complex of <i>Drosophila</i> : No- Choice experiments, <i>J. Biosci.</i> , 26:71-76. (IF=1.888) Citation – 09
99	2001	Mahesh G., Ramachandra NB and H. A. Ranganath Autoradiographic study of transcription and dosage compensation in the sex and neo- sex chromosome of <i>D. n. nasuta</i> and <i>D. n. albomicans</i> . <i>Genome.</i> 44:71-78. (IF= 1.971) Citation – 04
100	2000	Harini BP and NB Ramachandra Racial divergence in abdominal bristles among parental races and newly Evolved Cytoraces of <i>nasuta-albomicans</i> complex of <i>Drosophila</i> , <i>Indian.J. Exp.Biol.</i> , 38:1263-1266. (IF=1.295) Citation – 07
101	2000	Mahesh G., Ramachandra NB and H. A. Ranganath Patterns of replication in the neo-sex chromosomes of <i>Drosophila nasuta albomicans</i> . <i>J. Biosci.</i> 25 (3): 229-234. (IF=1.888) Citation – 01
102	2000	Harini BP and NB Ramachandra . Racial divergence in body weight: A study in the four members of the newly evolved <i>nasuta-albomicans</i> complex of <i>Drosophila</i> , <i>Curr. Sci.</i> 78 (3): 342-344. (IF= 0.935) Citation – 07
103	1999	Tanuja M. T., Ramachandra NB and H. A. Ranganath. Evolution of a new chromosomal lineage in a laboratory population of <i>Drosophila</i> through centric fission. <i>J. Biosci.</i> 24(4):421-426. (IF= 1.888) Citation - 12
104	1999	Tanuja MT., Ramachandra NB and HA Ranganath. Evolution of a recent neo-Y sex chromosome in a laboratory population of <i>Drosophila</i> . <i>J. Genet.</i> 78:81-85. (IF=1.338) Citation – 08
105	1999	Upendra Nongthomba and NB Ramachandra . A direct screen identifies new flight muscle mutants on the <i>Drosophila</i> second chromosome. <i>Genetics, USA</i> , 71-83. (IF= 4.836) Citation – 25
106	1999	Harini BP and NB Ramachandra Does evolution reduce the body size?: A study in four members of <i>nasuta-albomicans</i> complex of <i>Drosophila</i> . <i>Genetica</i> , 105: 1-6. (IF=2.358)

		Citation – 12
107	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 <i>nasuta-albomicans</i> complex of <i>Drosophila</i> . <i>Curr. Sci.</i> 76(7):1017-1019. (IF= 0.935) Citation – 10
108	1998	Tanuja MT., NB Ramachandra and HA Ranganath Creation of a hybrid zone in <i>Drosophila</i> with allo-sympatric races. <i>Curr. Sci.</i> , 75(11): 1116-1117. (IF= 0.935) Citation – 13
109	1998	Ramachandra NB A simple and rapid method for isolation of cellular DNA. <i>Resonance - J. Science Education</i> 3(7): 71-73.
110	1996	Ramachandra, NB and HA Ranganath. Evolution of the <i>Nasuta - Albomicans</i> complex of <i>Drosophila</i> . <i>Curr. Sci.</i> , 71(7): 515-517. (IF= 0.935) Citation – 21
111	1995-96	Ramachandra NB and Ranganath HA Population differentiation: A study with two strains of <i>Drosophila albomicans</i> . <i>J. Mysore University, Sec. B</i> , 34:12-27.
112	1994	Ranganath HA and Ramachandra NB <i>Drosophila albomicans</i> – a unique karyotype. <i>Nucleus, Calcutta, International Journal of Cytology</i> 37(3): 105-112. Citation – 05
113	1994	Ramachandra, NB and HA Ranganath Estimation of inter-genotypic competitive ability of the parental races (<i>Drosophila nasuta nasuta</i> and <i>D. n. albomicana</i>) and of the newly evolved Cytoraces (I and II). <i>Journal of Zoological Systematics and Evolutionary Research (Germany)</i> , 32: 73-78. (IF= 2.740) Citation – 01
114	1994	Ramachandra, NB and HA Ranganath. Pattern of sexual isolation between parental races (<i>Drosophila nasuta nasuta</i> and <i>D. n. albomicans</i>) and the newly evolved races (Cytoraces I & II). <i>Indian J. Exp. Biol.</i> 32:98-102. (IF 1.295) Citation – 10
115	1991-92	Ramachandra, NB and HA Ranganath. Analysis of intergenotypic resource utilization divergence in the parental races (<i>D. n. nasuta</i> and <i>D.n.albomicana</i>) and of the newly evolved Cytoraces (I and II). <i>J. Mysore University, sec,B, Platinum Jubilee Special Issue</i> , 32: 308-315.
116	1990	Ramachandra, NB and HA Ranganath. The chromosomes of two <i>Drosophila</i> races: <i>D. nasuta nasuta</i> and <i>D. nasuta albomicana</i> : V. Introgression and the evolution of new karyotypes. <i>Journal of Zoological Systematics and Evolutionary Research (Germany)</i> , 28 (1): 62-68. (IF= 2.740) Citation – 18
117	1988	Ramachandra, NB and HA Ranganath. Estimation of population fitness of the parental races (<i>D. n.nasuta</i> and <i>D. n.albomicana</i>) and of the newly evolved Cytoraces (I and II) - the products of parental interracial hybridization. <i>Genome</i> , 30(1): 58-62. (IF= 1.971) Citation - 23
118	1988	Ramachandra, NB and HA Ranganath. A comparative study on the microchromosomes of six <i>Drosophila</i> members. <i>The Nucleus, Calcutta, International Journal of Cytology</i> , 31(3):102-106.

119	1987	Ranganath,HA and NB Ramachandra . Chromosomal basis of raiation in <i>Drosophila</i> : A study with <i>Drosophila nasuta</i> and <i>D. albomicans</i> , <i>Proc. Indian Acad. Sci. (Anim. Sci.)</i> 96(5): 451- 459 (Review). (IF=1.703) Citation – 16
120	1987	Ramachandra, NB and HA Ranganath. Accumulation of B-chromosomes in <i>Drosophila nasuta albomicana</i> . <i>Curr. Sci.</i> 56(16): 850-852. (IF= 0.935)
121	1987	Ramachandra, NB and HA Ranganath. Mating preference between <i>Drosophila nasuta nasuta</i> and <i>D.n. albomicana</i> . <i>Indian J. Exp. Biol.</i> 25:55-57. (IF= 1.295) Citation - 10
122	1987	Ramachandra, NB and HA Ranganath. Characterization of heterochromatin in the B-chromosomes of <i>Drosophila nasuta albomicana</i> . <i>Chromosoma</i> , 95:223-226. (IF=4.979) Citation - 10
123	1986	Ramachandra, NB and HA Ranganath. Population fitness of <i>Drosophila nasuta albomicana</i> with and without B-Chromosomes at three different temperatures. <i>Indian J. Exp. Biol.</i> 24: 779-782. (IF= 1.295) Citation – 07
124	1986	Ramachandra, NB and HA Ranganath. Analysis of resource utilization divergence in two strains of <i>Drosophila nasuta albomicana</i> with and without B-chromosomes. <i>Indian J. Exp. Biol.</i> 24: 404- 407. (IF= 1.295) Citation – 07
125	1986	Ramachandra NB and HA Ranganath Estimation of population fitness in two strains of <i>D. nasuta albomicana</i> and without B-chromosomes. <i>Indian J. Exp. Biol.</i> 24: 137-141. (IF =1.295) Citation – 10
126	1986	Ramachandra, NB and HA Ranganath. The Chromosomes of two <i>Drosophila</i> races: <i>D. nasuta nasuta</i> and <i>D. nasuta albomicana</i> . IV. Hybridization and karyotype repatterning. <i>Chromosoma</i> , 93: 243-248. (IF= 4.979) Citation – 36
127	1985-86	Ramachandra, NB and HA Ranganath. Ecogenetics of <i>Drosophila</i> _ Exploitation of media with different sugars by two cosmopolitan and sympatric species of <i>Drosophila</i> . <i>J. Mysore University</i> , sec. B, 31:108-116.
128	1985	Ramachandra, NB and HA Ranganath. Supernumerary chromosomes in <i>Drosophila nasuta albomicana</i> . <i>(Experientia) Cellular and molecular Life Sciences</i> , 1: 680-681. (IF = 7.047) Citation – 11

ii) PUBLICATIONS IN CONFERENCE/SYMPOSIA PROCEEDINGS: 09

Sl no	Year	Details of publications
1	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. <i>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</i>

		<i>Science and technology & DOS in Computer Science, University of Mysore, Mysore. pp: 148-152.</i>
2	2009	Avinash MV, Bhanu priya R and NB Ramachandra Designing a Biosoftware: Human phenopaedia and Genome sequence analyzer. <i>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.</i>
3	2009	Ranjini MS, Amruthavalli C and NB Ramachandra Molecular perspective of Sod 1 in <i>Drosophila nasuta nasuta</i> . <i>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.</i>
4	2008	Radhey S. Gupta, Ramachandra NB , Timothy Bowes and Bhag Singh Unusual cellular disposition of the mitochondrial molecular chaperones Hsp60, Hsp70 and Hsp10. <i>The Biology of extracellular molecular chaperones, Wiley, Chichester (Novartis Foundation Symposium 291) p59-73. Citation – 36</i>
5	2007	Ranjini, MS and NB Ramachandra Recombination influences longevity in karyotypically similar hybrid races of <i>nasuta-albomicans</i> complex of <i>Drosophila</i> . <i>Proc. Nat. Symp. RTIBS, 90-96.</i>
6	2007	Kusuma Lingaiah and NB Ramachandra Genes Involved in Congenital Heart Diseases: A Review <i>Proc. Nat. Symp. RTIBS, 22-28.</i>
7	2007	Mahdi Bijanzadeh, NB Ramachandra Possible causes of Asthma in Mysore, South India. <i>Proc. Nat. Symp. RTIBS, 74-77.</i>
8	1999	Tanuja MT., Ramachandra NB and HA Ranganath. Hybridization and Raciation in <i>Drosophila</i> . <i>DST SERC Research highlights:17-21.</i>
9	1987	Ramachandra, NB and HA Ranganath. Population cytogenetics of supernumerary chromosomes in <i>Drosophila nasuta albomicana</i> . In commemorative volume of <i>advances in Cytology and Genetics</i> . edited by VS Bhatnagar: 115-121.

iii) GENE / DNA SEQUENCES IN NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION (NCBI), USA : 63

Sl no	Year	Details of publications
1	2015	Padma,R. and NB Ramachandra <i>Drosophila albomicans</i> isolate Cytorage1 Rab protein (Rab) gene, partial cds. NCBI Accession Number KP684488.
2	2015	Padma,R. and NB Ramachandra <i>Drosophila albomicans</i> isolate Cytorage2 Rab protein (Rab) gene, partial cds. NCBI Accession Number KP684489.

3	2015	Padma,R. and NB Ramachandra <i>Drosophila albomicans</i> isolate Cytorace3 Rab protein (Rab) gene, partial cds. NCBI Accession Number KP684490.
4	2015	Padma,R. and NB Ramachandra <i>Drosophila albomicans</i> isolate Cytorace4 Rab protein (Rab) gene, partial cds. NCBI Accession Number KP684491.
5	2015	Padma,R. and NB Ramachandra <i>Drosophila albomicans</i> isolate Cytorace5 Rab protein (Rab) gene, partial cds. NCBI Accession Number KP684492.
6	2015	Padma,R. and NB Ramachandra <i>Drosophila albomicans</i> Rab protein (Rab) gene, partial cds. NCBI Accession Number KP684493.
7	2015	Padma,R. and NB Ramachandra <i>Drosophila immigrans</i> Rab protein (Rab) gene, partial cds. NCBI Accession Number KP684494
8	2015	Padma,R. and NB Ramachandra <i>Drosophila kohkoa</i> Rab protein (Rab) gene, partial cds. NCBI Accession Number KP684495.
9	2015	Padma,R. and NB Ramachandra <i>Drosophila nasuta</i> Rab protein (Rab) gene, partial cds. NCBI Accession Number KP684496.
10	2015	Padma,R. and NB Ramachandra <i>Drosophila neonasuta</i> Rab protein (Rab) gene, partial cds. NCBI Accession Number KP684497.
11	2015	Padma,R. and NB Ramachandra <i>Drosophila rubida</i> Rab protein (Rab) gene, partial cds. NCBI Accession Number KP684498.
12	2015	Padma,R. and NB Ramachandra <i>Drosophila sulfurigaster</i> Rab protein (Rab) gene, partial cds. NCBI Accession Number KP684499.
13	2013	Radhika P and NB Ramachandra <i>Drosophila albomicans stoned A (stnA)</i> gene, partial cds. NCBI Accession Number KC907708.
14	2013	Radhika P and NB Ramachandra <i>Drosophila rubida dopamine receptor-2 (DopR2)</i> gene, partial cds. NCBI Accession Number KC907709.
15	2011	Radhika P and NB Ramachandra <i>Drosophila sulfurigaster</i> Partial genomic DNA sequence of gene aly. NCBI Accession Number JQ315199.
16	2011	Radhika P and NB Ramachandra <i>Drosophila neonasuta</i> Partial genomic DNA sequence of gene aly. NCBI Accession Number JQ315198.
17	2011	Radhika P and NB Ramachandra <i>Drosophila nasuta</i> Partial genomic DNA sequence of gene aly. NCBI Accession Number JQ315197.
18	2011	Radhika P and NB Ramachandra

		<i>Drosophila naalC6</i> Partial genomic DNA sequence of gene <i>aly</i> . NCBI Accession Number JQ315196.
19	2011	Radhika P and NB Ramachandra <i>Drosophila naalC5</i> Partial genomic DNA sequence of gene <i>aly</i> . NCBI Accession Number JQ315195.
20	2011	Radhika P and NB Ramachandra <i>Drosophila naalC4</i> Partial genomic DNA sequence of gene <i>aly</i> . NCBI Accession Number JQ315194.
21	2011	Radhika P and NB Ramachandra <i>Drosophila naalC3</i> Partial genomic DNA sequence of gene <i>aly</i> . NCBI Accession Number JQ315193.
22	2011	Radhika P and NB Ramachandra <i>Drosophila naalC2</i> Partial genomic DNA sequence of gene <i>aly</i> . NCBI Accession Number JQ315192.
23	2011	Radhika P and NB Ramachandra <i>Drosophila naalC1</i> Partial genomic DNA sequence of gene <i>aly</i> . NCBI Accession Number JQ315191.
24	2011	Radhika P and NB Ramachandra <i>Drosophila kohkoa</i> Partial genomic DNA sequence of gene <i>aly</i> . NCBI Accession Number JQ315190.
25	2011	Radhika P and NB Ramachandra <i>Drosophila albomicans</i> Partial genomic DNA sequence of gene <i>aly</i> . NCBI Accession Number JQ315189.
26	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185210.
27	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185209.
28	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185208.
29	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185207.
30	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185206.
31	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185205.
32	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185204.
33	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185203.
34	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI

		Accession Number, JN185202.
35	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> female- NCBI Accession Number, JN185201.
36	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> female- NCBI Accession Number, JN185200.
37	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> female- NCBI Accession Number, JN185199.
38	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185198.
39	2011	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185197.
40	2010	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> male- NCBI Accession Number, HQ693563.
41	2010	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, HQ693556.
42	2010	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> male- NCBI Accession Number, HQ693562.
43	2010	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> male- NCBI Accession Number, HQ693561.
44	2010	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> male- NCBI Accession Number, HQ693560.
45	2010	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> male- NCBI Accession Number, HQ693559.
46	2010	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, HQ693558.
47	2010	Bijaya T. and NB Ramachandra gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, HQ693557.
48	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila nasuta</i> strain Coorg copper/zinc superoxide dismutase(SOD1) gene, complete cds. Accession No. FJ554532.
49	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila albomicans</i> strain Okinawa copper/zinc superoxide dismutase (SOD1) gene, complete cds. Accession No. GU300109.
50	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila nasuta</i> strain Cytorace-2 copper/zinc superoxide dismutase (SOD1) gene, complete cds. Accession No. HQ326578.

51	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila nasuta</i> strain Cytorace-3 copper/zinc superoxide dismutase (SOD1) gene, complete cds. Accession No. HQ326579
52	2010	Ranjini M. S. and NB Ramachandr <i>Drosophila nasuta</i> strain Cytorace-9 copper/zinc superoxide dismutase (SOD1) gene, complete cds. Accession No. HQ326580.
53	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila nasuta</i> strain Cytorace-11 copper/zinc superoxide dismutase (SOD1) gene, complete cds. Accession No. HQ32658.
54	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila nasuta</i> strain Cytorace-15 copper/zinc superoxide dismutase (SOD1) gene, complete cds. Accession No. HQ326582.
55	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila nasuta</i> strain Cytorace-16 copper/zinc superoxide dismutase (SOD1) gene, complete cds. Accession No. HQ326583.
56	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila nasuta</i> strain Coorg histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ323752.
57	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila albomicans</i> strain Okinawa histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ326584.
58	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila nasuta</i> strain Cytorace-2 histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ379189.
59	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila nasuta</i> strain Cytorace-3 histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ379190.
60	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila nasuta</i> strain Cytorace-9 histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ379191.
61	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila nasuta</i> strain Cytorace-11 histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ379192.
62	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila nasuta</i> strain Cytorace-15 histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ379193.
63	2010	Ranjini M. S. and NB Ramachandra <i>Drosophila nasuta</i> strain Cytorace-16 histone deacetylase (Rpd3) gene, complete cds. Accession No. HQ379194.

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

Sl No	Year	Details of publications
1	2008	Aryatu, Prakash, and NB Ramachandra Distribution of <i>Drosophila</i> flies in eight different altitudes of three districts of Karnataka, India. 91: 82-87.
2	2004	Sajesh Babu and NB Ramachandra Isolation of new alleles of <i>ifm(2)RU</i> mutants by EMS mutagenesis. 87:59-64.
3	2000	Akhileshwar,V.and NB Ramachandra Flight ability of the newly isolated three indirect flight mutations in <i>Drosophila</i> 83: 110—113.
4	2000	Akhileshwar, V. and NB Ramachandra Defect in the reproductive systems of the sterile Indirect Flight Muscle mutants isolated in <i>Drosophila</i> . 83:45-49.
5	1997	Upendra N. and NB Ramachandra Induction and isolation of chromosome specific flight muscle mutations in <i>Drosophila melanogaster</i> . 80: 102-103.
6	1997	Upendra N. and NB Ramachandra . Isolation of an allele of yellow body mutation in <i>Drosophila melanogaster</i> by an unusual pattern of inheritance. 80: 45-46.
7	1996	Ramachandra, NB and HA Ranganath. Evolution of new karyotypic strains (Cytoraces) through hybridization in <i>Drosophila nasuta</i> system. 77: 86-88.
8	1987	Ramachandra NB. , Ushakumari, A and HA Ranganath. Egg to adult rate of development and viability of <i>Drosophila nasuta nasuta</i> and <i>D. sulfurigaster neonasuta</i> in different media.66: 115-116.
9	1987	Ramachandra NB and HA Ranganath. Adaptedness of a pair of chromosomal races: <i>D.nasuta nasuta</i> and <i>D. nasuta albomicans</i> at three different temperatures. 66: 114-115.
10	1986	Ramachandra NB and HA Ranganath. Estimation of fecundity in the parent and hybrid population of <i>Drosophila nasuta nasuta</i> and <i>Drosophila nasuta albomicans</i> . 63: 109-110.
11	1986	Ramachandra, NB and HA Ranganath. Resource utilization divergence in two cosmopolitan and sympatric species of <i>Drosophila</i> . 63: 110-111.
12	1985	Ushakumari A., Ramachandra NB and HA Ranganath. Relative performance of two strains of <i>Drosophila nasuta nasuta</i> (wild and mutant) on different food media. 61: 176.
13	1985	Ramachandra NB and HA Ranganath. Further studies on B-chromosomes in <i>Drosophila nasuta albomicans</i> . 61:139-140. Citation - 02
14	1984	Ramachandra NB and HA Ranganath. Preliminary studies on the differences in the nutritional requirements in <i>Drosophila</i> . 60: 171.

v) DOCUMENTATIONS/ BOOKS: 14

Sl No	Year	Details of publications
Documentation-02		
1	2014	Ramachandra NB GENOME DATABASES - Establishment and maintenance of databases: miRNA Subgenome and Target Prediction Server, Clinical Variations, Copy Number Variations, Nonsynonymous Functional Prediction, Recessive Nonsynonymous Functional Prediction, Genome Map, Genome Association Index, Disease Genes, Olfactory Receptor Repertoire, University of Mysore Genome Centre , University of Mysore Home page, http://umgc.uni-mysore.ac.in/ .
2	2012	Ramachandra NB Document on DROSOPHILA STOCK CENTRE – A National Facility, 1990-2012, University of Mysore, DOS in Zoology, Mysore, Compiled on September 2012
Chapter in international book – 01		
3	2011	Prakash Padakannaya and NB Ramachandra “ <i>Reading Akshara: Indian Alphasyllabry</i> ” Title of the book: Dyslexia Across Languages: Orthography and the Brain-Gene-Behavior Link, Editors: Peggy McCardle, Jun Ren, Ovid Tzeng, <i>Baltimore: Paul H Brooks Publishing Co, USA. (Chapter in a Book) Citation - 02</i>
Chapters for academic courses- 11		
4-5	2007	Ramachandra NB Two lessons on (1) Genetic engineering and (2) Gene expression and Selection to teach M.Sc. Microbiology Distance Education course in Karnataka State Open University, Mysore.
6-8	2005	Ramachandra NB Three lessons, (1) Population genetics and Evolution , (2) Developmental Genetics , (3) Human genetics , to teach M.Sc., Biotechnology Distance Education course in Karnataka State Open University, Mysore.
9-13	2003	Ramachandra NB Five lessons, (1) Transgenic organisms , (2) Mapping of the genomes , (3) Genome analysis , (4) Population genetics and (5) Somatic cell genetics , to teach M.Sc., Applied Zoology Distance Education course, Kuvempu University, Shimoga.
14	1999	Ramachandra NB “ Genetic Engineering ”, Teachers manual on Teaching Biology at +2 level. Academic Coordinator, Prof. L. Srikantappa, <i>Regional Institute of Education, NCERT, Mysore.</i>

II) DETAILS OF SEMINARS AND CONFERENCES ACTIVITIES: 203

a) Organizer of Conference/Seminar/ Inaugural function: 29

Sl. No.	Status as organizer	Title of the Conference/ Seminar / Workshop	Date
1	Organizing Chairman	The 1st Annual Life Sciences Quiz Competition (for University of Mysore M.Sc. Students)	28.04.2017
2	Organizing Chairman	Flash-Mob and street play on World Health day as awareness program of "Genetic diseases are treatable" at four different places in Mysuru- 1) Chikka Gadiyara Platform in front of the Deveraja market, 2) Round Canteen and Clock Tower of Manasagangotri campus, University of Mysore, 3) BM Habital Mall Premises, 4) Mall of Mysore Premises	07.04 2017 (11.30 am, 01.00pm, 05.00pm and 07.00 pm)
3	Organizing member	Inauguration of new building of department of Genetic and Genomics, Univ. of Mysore, MGM	01.12.2016
4	The organizing LOCAL SECRETARY	103 rd Indian Science Congress 2016 Organized by University of Mysore (2014-2016)	03.01 2016 to 07.01 2016
5	One of the Organizer for Curtain Raiser- Industry & Press Meet for the 103 rd Indian Science Congress- Pride of India Expo-2016	MM Activ, Sci-Tech Communications, Bengaluru	04.11.2015
6	Organizing Chairman	Inaugural function of department of Genetic and Genomics, Plenary talks and Panel discussion	10.10.2015

7	One of the mentors of the organizing committee, Univ. of Mysore, Mysore	10 th Kannada Vignana Sammelana	15.09.2014 to 17.09.2014
8	One of the mentors of European Society of Evolutionary Biology project at SJCE, Dept. of Biotechnology, Mysore	Poster presentation program on “Origin of life and its continuity”	20.3.13 & 23.3.13
9	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 th - 17 th 2012
10	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 th -17 th 2011
11	One of the Members of the organizing committee, DOS in Zoology, Univ. of Mysore	International symposium on current trends in endocrine and reproductive health and 29 th Annual meeting of the society for reproductive biology and comparative endocrinology- 2011	February 10 th -12 th 2011
12	One of the Organizers, Unit on Evolution and Genetics, DOS in Zoology, Univ. of Mysore	Sixth Drosophila meeting	November 19 th -20 th 2010
13	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 rd -4 th Dec. 2009
14	One of the Organizers, DOS in Zoology, University of Mysore	National Conference on Recent trends in Animal physiology	29 th -30 th Oct. 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, Unit on Evolution and Genetics, DOS in Zoology, University of Mysore	Darwin’s 200 th Birth anniversary celebrations	May 25 th - 26 th , 2009
17	One of the Organizers, Unit on Evolution and Genetics, DOS in Zoology, Univ. of Mysore	Fifth Drosophila meeting	March 28- 29 th 2008

18	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
19	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
20	One of the Members 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
21	One of the Members 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
22	One of the Members of the organizing committee, Indian Academy of Sciences, Bangalore & Drosophila Stock Centre, DOS in Zoology, Univ. of Mysore	Frontier Lecture in Biology	3 days 5-7 th Nov. 2003
23	One of the Members of the organizing committee, Indian Academy of Sciences, Bangalore & Drosophila Stock Centre, DOS in Zoology, Univ. of Mysore	Frontier Lectures in Biology	3 days Feb. 20-22, 2003
24	One of the Members of organizing committee, Department of Zoology, Univ. of Innsbruck, Austria.	Course on Genetics and Development	23 days June 2001
25	Member of the organizing committee, Organized by Drosophila Stock Centre	Interaction meeting on "Chromosomes and evolution"	August, 1997
26	Member of the organizing committee, Organized by Drosophila Stock Centre	Fourth Drosophila meeting	March, 1997
27	Member of the organizing committee, Organized by Drosophila Stock Centre	Third Drosophila meeting	March, 16-18 th , 1995
28	Member of the organizing committee, Organized by Drosophila Stock Centre	Drosophila meeting	August 5-6 th , 1993
29	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

b) Conference/Seminar/workshop/Science Exhibition Chaired/ Inaugurated: 16

<i>Sl. No.</i>	<i>Title of the Conference / seminar</i>	<i>Organized by</i>	<i>Date</i>
1	One of the Co-Chair persons of the Nobel laureate session of Sir. John Gurdon and Dr. Mangul Bhargava	103 rd Indian Science Congress 2016 Organized by University of Mysore	04.01 2016
2	Indo-US Conference on Emerging Trends in Health Care: Lessons from Clinical and Translational Tresearch	JSS University, Mysuru	Chaired a Plenary session on 14.09.2015
3	National Seminar on Life & Life processes: Sustainable development	Department of Zoology Goa University, GOA	Chaired a session of paper presentations on 21.2.2015
4	10 th Kannada Vignana Sammelana	University of Mysore	Chaired the Session – Palineeyam on 17.09.2014
5	Eco Club -2014 in the eve of Mendel's 193 rd Birthday	Vijaya Vittala Composite P.U.College Saraswathipuram, Mysore	Inaugurated as Chief Guest on 22.07.2014 With a talk on Mendelian Genetics in Today's environment
6	National conference on "Environmental Sciences and Health Hazards"	Department of Studies in Biotechnology and Microbiology, Karnatak University, Dharwad	Chaired a Session on 19 November 2012
7	Two days National Seminar on "Recent trends in Information Technology and Animation, Visual effects and Gaming"	Centre for information Science and Technology, University of Mysore, Mysore.	Chaired a Session on 10.11.2012
8	Indo-US Symposium on Molecular Pharmacology and Applied Therapeutics	JSS University, JSS Medical College, Mysore 15	Chaired a session Lecture-11 6 th -7 th Nov

			2012
9	Science Exhibition	S.B.R.R. Mahajana First Grade College Jayalakshmipuram Mysore 570012	Inaugurated as Chief Guest on 09.03.2012
10	50 Years of Down syndrome: Cytogenetics, Clinical Management and New Research (12 th -14 th Nov 2010)	Centre for Human Genetics Bangalore	Chaired a session 14.10.10
11	Workshop cum training on Bioinformatics	Department of Bioinformatics Karnataka State Women University, Jnanashakti Campus, Torvi, Bijapur	Inaugurated as Chief Guest on 28.03.2010
12	CME in Biochemistry – Bio-gene (04.03.2010)	Department of Biochemistry, Mysore Medical College and Research Institute	Chaired Medical Genetics session 04.03.2010
13	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
14	Darwin's 200 th Birth anniversary celebrations	Unit on Evolution and Genetics, DOS in Zoology, University of Mysore.	Chaired V session 26.05.2009
15	Darwin's 200 th Birth anniversary celebrations	Unit on Evolution and Genetics, DOS in Zoology, University of Mysore.	Chaired VIII session 26.05.2009
16	XXXIII Annual conference of the ISHG and International symposium on "Genetics revisited: the Genomics and Proteomics advantage" (February 11 th -13 th 2008)	Andhra University Department of Human Genetics, Vishakapatnam, Andhra Pradesh.	Chaired Session-XV Feb.13, 2008

c) Paper presented/ Plenary/Invited Lectures delivered in Conference/ Seminar: 138

Sl. No.	Conference/Seminar/ summer Institute/ workshop	Sponsors/ Organized	Duration & Year	Title of the Talk/ Paper presented
1	Science Academies' sponsored two days lecture	Organized by Department of Zoology, St. Xavier's college (Autonomous),	6 th to 7 th March, 2017	Talks on 1) Diversity of Genomes 2) Strategies to

	workshop on "Genetics To-day"	Palayamkottai, Tamil Nadu		unravel human complex genetic diseases
2	12 th Refresher course in Life Sciences	Organized by Academic Staff College, University of Mysore, Mysore	09.11.2016	Resource Person for two Talks on "Recent development in Genomics"
3	National conference on "Genetics of Human Diseases"	Organized by Central University of Kerala, Kasaragod	03.11.2016	Integrated Approaches to Identify Causal Genes variants and Pathways for Type 2 Diabetes Mellitus and Atherosclerosis
4	One day symposium on" Recent trends in Biotechnology"	Organized by Department of Biotechnology, Gulbarga University, Gulbarga	24.10.2016	Talk on "Strategies to unravel the complex human genetic diseases"
5	Refresher Course in Life Sciences Biotechnology	Academic Staff College Jnana Bharathi Bangalore University Bengaluru	05.07.2016	Talk on "A view on Human Genomics"
6	Brainstorming session on KS-10, The Inhibitor of Diapause breed of Silkworm, <i>Bombax mori</i> .	Organized by Karnataka State Sericulture Research and development Institute, Thalaghattapura, Bengaluru - 560 109	27.02.2016	Expert for the discussion
7	Special Lecture	Organized by P.G Department of Biotechnology & Microbiology, Kamatak University, Dharwad	25.02.2016	Talk on "Genomics Today"
8	Refresher course in Life Sciences	Organized by Academic Staff College, University of Mysore, Mysore	25.01.2016	Resource Person Talk on "Where we stand in the field of Genomics Today?"
9	National hands-on workshop on "Molecular Medicine"	Department of Biochemistry, JSS Medical College, JSS University, Mysuru	20.10.2015	Talk on " Genetic approach for Target Identification: a whole genome sequencing and trancryptomic

				approach to design personalized genomic medicine”
10	National Conference on “ <i>Science and Technology for Indigenous Development in India</i> ”	M.S. Ramaiah College of Arts, Science and Commerce, Bangalore University, Bengaluru	7.10.2015	Invited Talk On “Recent Understanding in Genomes”
11	National Seminar on Science and Technology for Human Development	Kristu Jayanti College (Autonomous Bangalore University, Bengaluru	23.03.2015	Invited Talk ”Integrated whole genomics approach to perform personalized medicine: A case study”
12	Refresher Course in Biotechnology	Academic Staff College Jnana Bharathi Bangalore University Bengaluru	03.03.2015	Resource person to Talk on “Recent advances in Genomics”
13	UGC Sponsored National Seminar on “Boon and Curse of Biotechnology”	Department of Sericulture & Biotechnology Bharathi College K.M.Doddi, Mandya	27.02.2015	Invited Talk On “Recent Understanding in Genomes”
14	National Seminar on Life & Life processes: Sustainable development	Department of Zoology Goa University, GOA	20.02.2015	Plenary Talk ”Genetic approach for personalised molecular Medicine: A case study
15	National Conference on recent advances in Animal Sciences	Department of Applied Zoology Mangalore University Mangaluru	14.02.2015	Invited Talk on” Molecular Genetic approaches to understand the rapid evolution of the laboratory evolved adaptive genomes, cytoraces of <i>Drosophila</i>
16	Seminar for Life Science Students	Department of Zoology, JSS College of Arts, Commerce & Science,	04.02.2015	Invited Talk on “Challenges for the Students in the

		Mysore		21 st century”
17	National Seminar on New Vistas in Biological Sciences	Department of Biological Sciences, St. Aloysius College (Autonomous) Mangaluru,	15.01.2015	Invited Talk: “Genomic approaches towards diagnosis and treatment of complex genetic diseases”
18	Eleventh Teacher/ Researcher Training Workshop on “Teaching and Learning Genetics with <i>Drosophila</i> ”	UGC-Networking Resource Centre, I.I.Sc, Bangalore Organized by Prof. H.A. Ranganath and Prof. Upendra Nongthomba	09.01.2015	Invited talks: 1) Genetic analysis of long lived and short lived cytoraces of <i>Drosophila</i> 2) Genomic approaches for <i>Drosophila</i> research
19	102 nd Indian Science Congress	University of Mumbai, Section of Animal Veterinary and Fishery Sciences	07.01.2015	Prof. G.K.Manna Memorial award Lecture “Genetics of cytoraces – Laboratory evolved adaptive genomes of <i>Drosophila</i> ”
20	One day symposium on Human Cytogenetics and Genetic Toxicology	School of Life sciences, Manipal University, Manipal, Karnataka	10.12.2014	Genetics of Dyslexia
21	National Seminar on “Pharmacogenomics in drug discovery and it’s clinical applications”	Department of Pharmacology, JSS Medical College & JSS college of Pharmacy, JSS University, Mysore	16.10.2014	Talk on “ Genetic approach for Target Identification: a whole genome sequencing and trancriptomic approach to design personalized genomic medicine”
22	CME on “ Stem Cells and Regenerative Medicine’	Department of Biochemistry, JSS Medical College ,JSS University, Mysore	01.10.2014	Talk on “ Genetic approach for Target Identification: a whole genome sequencing and trancriptomic

				approach to design personalized genomic medicine”
23	National Hands - on 'Molecular Medicine'	Department of Biochemistry, JSS Medical College, JSS University, Mysore	29.09.2014	Talk on “ Genetic approach for Target Identification: a whole genome sequencing and transcriptomic approach to design personalized genomic medicine”
24	10-day workshop for Karnataka State PU Biology teachers	Kendriya Vidyalaya Sangathan, Zonal Institute of Education and Training, Mysore.	21.09.2014 2.00 pm to 3.30pm	Lecture cum- Interactive session on “Principles of Inheritance & variation, Human Genome Project
25	Summer School workshop on “ Basic techniques in isolation and purification of proteins and DNA”	JSS College of Arts, Commerce & Science, Mysore	12.07.2014	Talk on “Genetic Engineering techniques”
26	National symposium on Lipids and Cardiovascular Diseases	Department of Studies in Biochemistry, Univ. of Mysore in Honour of Prof. Cletus J.M.D'Souza's 40 years of service.	13to 14 th of April 2014	Invited talk on “A whole genome sequencing approach reveals rare missense mutations in <i>SORL1</i> , <i>STAB2</i> and <i>ITGAM</i> causing arterial atherosclerosis”
27	Refresher course in Life Sciences	School of Biological Science, Bangalore University, Bangalore	01.04.2014	Recent developments in Genomics
28	<i>Invited Talk</i>	Dept. of Biotechnology ad Bioinformatics, Karnataka women University, Bijapur	27.03.2014	Know your genome
29	<i>Invited Lectures</i>	Dept. of Biotechnology, Karnatak University, Dharwad	26.03.2014	Heterologous gene expression and RNAi

30	<i>Drosophila</i> Meeting 2014	Organized by Cytogenetics Section, Depart. of Zoology, Banaras Hindu University, Varanasi	12.03.2014	Adaptive evolution of genomes: the cytoraces of <i>Drosophila</i>
31	Refresher course in Life Sciences	School of Biological Science, Bangalore University, Bangalore	01.04.2014	Recent developments in Genomics
32	<i>Invited Talk</i>	Dept. of Biotechnology ad Bioinformatics, Karnataka women University, Bijapur	27.03.2014	Know your genome
33	<i>Invited Lectures</i>	Dept. of Biotechnology, Karnatak University, Dharwad	26.03.2014	Heterologous gene expression and RNAi
34	<i>Drosophila</i> Meeting 2014	Organized by Cytogenetics Section, Depart. of Zoology, Banaras Hindu University, Varanasi	12.03.2014	Adaptive evolution of genomes: the cytoraces of <i>Drosophila</i>
35	Refresher course in Life Sciences	Organized by Academic Staff College, Univ. Mysore,	10.02.2014	Human Genome Analysis: Copy Number Variations
36	Refresher course in Life Sciences	Organized by Academic Staff College, University of Mysore, Mysore	03.02.2014	Know your Genome
37	Special Lecture Series	Dept. of Applied Zoology, Mangalore University + Karnataka Science and Technology Academy	26.09.2013 27.09.2013	Know your Genome Genetic analysis of dyslexia
38	Refresher course in Life Sciences	Organized by Academic Staff College, University of Mysore, Mysore	23.02.2013	Talk on "Genomics"
39	VGST-CISE Research projects for 2012-13	Invited Lecture series organized by Maharani's Science College for Women, Mysore	22.02.2013	Invited Talk on "Dosage compensation and sex determination in <i>Drosophila</i> "
40	National conference on "Environmental	Department of Studies in Biotechnology and Microbiology, Karnatak	19-21 ST November 2012	Invited talk on "Olfactory Repertoire is Redundant in

	Sciences and Health Hazards”	University, Dharwad		Humans in Relation to Environment and Health”
41	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”
42	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"
43	Seminar on Preparation of Research Proposals and Funding Agencies	JSS Autonomous College, University of Mysore, Mysore	17.03.2012	Invited talk
44	Three days faculty development programme for UG teachers in the subject Biotechnology	Karnataka State Open University, Manasagangotri, Mysore and Vision group on Science and Technology, Govt. of Karnataka, Bangalore	15-17 Feb. 2012 16.02.2012	Talk on “Know your genes and genomes”
45	Training on Emerging pedagogies and Assessment Practices in Biology	Regional Institute of Education, Mysore	02.02.2012	Talk on “ Tools of Genetic Engineering”

	for senior secondary teachers of 4 regions KN, TN, AP & LD			
46	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> ”
47	Refresher course in Life Sciences	Organized by Academic Staff College, University of Mysore, Mysore	14.12.2012	Talk on “Genomics”
48	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”
49	Frontier Lecture Series on Science and Technology on the occasion of 150 th Birth anniversary of Bharatharathna Sir M. Visvesvaraya - a programme of the KSCST, Govt of Karnataka	Organized by Govt. Science College, Hassan	06.09.2011	Invited Special talk on “Molecular Genetics- Genes and Genomes”
50	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”
51	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		
52	State level Symposium Treatise on Contemporary Molecular Biology A CPE Programme	Organized by Depart. of Biotechnology, Sahyadri Science College (Autonomous), Shivmoga	09.05.2011	Invited Talk on “Molecular analysis of Human complex genetic diseases”
53	First Refresher course in Life sciences	Academic Staff College, Kannur University, Kerala	11.03.2011	Two invited talks on Human genomics
54	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
55	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
56	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
57	Orientation course for PUC Biology teachers of 10 districts	Science and Technology Vision Group, DST, 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
58	National Symposium on “Role of Biology and Biotechnology	Department of Botany, Gulbarga University, Gulbarga	23.12.2009	Invited Lecture on “Techniques used in Gene Screening: An Overview”

	in conservation of biodiversity and sustainable development”			
59	Workshop on Biotechnology	Karnataka State Women University, Bijapur	27-28 .10. 2009	Invited talk on Genetic Engineering I and II
60	Workshop on Biotechnology	Shri Dharmasthala Manjunatheswara Mahila Maha Vidyalaya, Mysore	06.10.2009	Invited talk on “Genetic disorders in Indian context”
61	Seminar	PG department of Biotechnology, Oxford college, B’lore	6.9. 2009	Talk on “DNA Labeling”
62	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”
63	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
64	Workshop on techniques in Biotechnology	Autonomous JSS College of Arts, Commerce and Science, Mysore	6.3.2009	Invited talk on “Genomics”
65	One day workshop on” Integrative Biological Sciences	School of Biological Sciences, Bangalore University, Bangalore	14.02.2009	Special talk on “Human genetics”
66	Seminar	Microbiology Society, Maharani’s Science college for Women, Mysore	10.12.2008	Special Lecture on “Gene Silencing”
67	Seminar	PG department of Biotechnology, Oxford college, Bangalore	Oct. 2008	Talk on Gene Isolation
68	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”

69	XXXIII Annual conference of the ISHG and International symposium on "Genetics revisited: the Genomics and Proteomics advantage	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"
70	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"
71	Biochemistry CME 2007 and Workshop on DNA technology	KLE University JAWAHARLAL Nehru Medical College Belgaum	Dec. (1) 2007	Special talk on "DNA Past, Present and Future"
72	Workshop	Maharani's College, Bangalore	Oct. 2007	Human genome project
73	Seminar	PG department of Biotechnology, Oxford college, Bangalore	Oct. 2007	Talk on "Gene cloning"
74	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"
75	Seminar of Louis Pasteur Society	Microbiology Section, DOS in Botany, Univ. of Mysore.	March 2007	Special talk on "Genomics"
76	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"
77	International conference and workshop on	Sri Ramachandra University, Chennai, India.	February 2007	Paper presented: "Sex chromosomal aneuploidy and

	genetics: The basis and diagnosis of genetic disorders			advanced maternal grandmother age
78	Seminar	Botanical Society, DOS in Botany, Univ. of Mysore.	February 2007	Special talk on "Strategies for gene isolation"
79	Seminar	PG department of Biotechnology, Oxford college, B'lore	Oct. 2006	Talk on Biotechnology
80	Seminar	Government College, K.R.Nagar. Mysore Dist.	Oct. 2006	Invited talk on DNA-Past, present and future
81	Orientation Course	Kendriya Vidyalaya Mysore.	Aug 2006	Special talk on "Recombinant DNA Technology"
82	Workshop	Mahajana College, Mysore.	September 2006	Special talk on "Future of DNA Technology"
83	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"
84	Seminar on "Biotechnology"	Post- graduate Department of Biotechnology, JSS College of Arts, Commerce & Science, Mysore.	01.03.2006	Special talk on "Human Genome Project"
85	Seminar on "Biotechnology"	Post –graduate centre of Pooja Bhagavat Memorial Mahajana Education centre, Mysore	20.02.2006	Special talk on "Human genome"
86	Inauguration of Seminar at College programme	S.L.H. Institute of Science, Commerce & Management, Mysore.	01.02.2006	Inaugural talk-"DNA: Past, Present Future"
87	Methods in gene cloning	Department of Microbiology and Biotechnology,	4 days 10-13 th , Jan. 2006	One of the organizers and resource person

		Bangalore Univ., Bangalore.		
88	4 th Refresher course in Life Sciences from 5-25 th 2006	UGC-academic staff college, Univ. of Mysore, Mysore.	07.01.2006	Special talk on "Genomics"
89	Seminar	PG department of Biotechnology, Oxford college, Bangalore.	Oct.2005	Talks on "Invitro packaging and Invitro translation"
90	Refresher course in Zoology	Academic Staff college, Bangalore Univ. Bangalore.	23.09.2005	Talk on "Recombinant DNA technology"
91	Workshop on II PU New syllabus 2005-06	Organized by Dept. of Pre University Education Mandya District, Adichunchunagiri college Kumarahalli, Mandya.	Sept. 2005	Resource person- "Recombinant DNA technology"
92	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"
93	National workshop on "Bioinformatics"	Department of Botany, Microbiology and Biotechnology, Yuvaraja College & CIST, Univ. of Mysore	Jan. 2005	Resource person- "DNA sequencing techniques"
94	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"
95	National workshop on Bioinformatics	Department of Biotechnology, Kuvempu University, Shimoga	Sep. 2004	Resource person- DNA sequencing
96	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
97	Refresher course in Life sciences	Academic Staff college, Univ. of Mysore, Mysore.	20.2.2004	Special talks (two) on "Genomics I & II"

98	DNA special symposium	Centre for Applied Genetics, Bangalore University, Bangalore	2 days 15.01.2004	Invited speaker- Chromosomes and Evolution
99	Refresher course in Zoology	Academic Staff college, Bangalore Univ. Bangalore.	22.12.2003	Invited talks (Two) on "Gene cloning & Gene Isolation"
100	Seminar for BE Biotechnology students	SJCE, Dept. of Environmental Engineering Mysore.	20.11.2003	Special talk on "Hereditary vehicle"
101	Seminar	PG department of Biotechnology, Oxford college, Bangalore.	29.10.2003	Special talk on "Gene cloning techniques"
102	Seminar on "Biotechnology"	DOS in Biotechnology, Kuvempu University, Shimoga.	13.10.2003	Special talk on "DNA Darling of the media"
103	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"
104	Intensive workshop on Bioinformatics	CSR&TI, Central Silk Board, Mysore.	5 days Feb. 3-7, 2003	Resource person "Genetic Engineering Tools"
105	Seminar on "Genetic engineering Principles and applications".	RIE, Mysore.	1 day Nov. 2002	Resource person
106	Special talk on "Genome Sequence data analysis"	CIST, Univ. of Mysore.	1 day July 2002	Resource person
107	Valedictory meetings of Biochemical society	Department of Studies in Biochemistry, Univ. of Mysore.	May 2002	Invited talk on HUMAN GENOME PROJECT

108	Refresher course in Botany	Academic Staff college University of Mysore, Mysore.	27.09.2001	Special talk on Tools in recombinant DNA Technology
109	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> "
110	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"
111	Course on Genetics and Development	Department of Zoology Univ. of Innsbruck Austria.	23 days June 2001	Resource person - Visiting Professor
112	Workshop for eight days on Evaluation of intermediate (P.C.M.B.) Text Book of Andhra Pradesh Govt.	Regional Institute of Education, NCERT, Mysore.	8 days Nov. 2000	Resource person
113	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>
114	Meeting on "Chromosomes and Evolution"	Prof. Francisco J. Ayala, University of California, Irvine, USA	1 day June 2000	Discussion
115	41 st Annual <i>Drosophila</i> 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>
116	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>

117	DD 9 Channel Under Science education programme	AVRC, Univ. of Mysore, Mysore.	16.08.1999	Special television talk on "CLONING AND ITS IMPLICATIONS"
118	Summer Seminar for schools and college students	SCIENCE FORUM, Mahajana education society, Mysore.	13.05.1999	Special lecture on "CLONING"
119	Summer Seminar for school students	BREAKTHROUGH science forum Mysore chapter, Mysore.	12.05.1999	Special lecture on "CLONING"
120	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>
121	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>
122	Workshop of NCERT on "Development of Teachers manual on Teaching Biology at +2 levels"	Regional Institute of Education, NCERT, Mysore.	10 days Jan. 1999	Resource person- <i>Genetic engineering</i>
123	2nd Refresher course in Zoology	Academic Staff College, Univ. Mysore.	Sep. 1998	2 lectures on "Genetic Engineering"
124	UGC sponsored Refresher course in Zoology and Botany	Gulbarga University, Gulbarga.	July 1998	Three Special Lectures on "Genetic Engineering"
125	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>
126	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
127	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>
128	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"
129	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>
130	Seminar for Government Administrators	Administrative training Institute, Mysore.	5.10.1996	Special lecture on "DNA Fingerprinting"
131	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>
132	1st Refresher course in Zoology	Academic Staff College, University of Mysore, Mysore	8.02.1995	Special lecture on "Recombinant DNA Technology"
133	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>
134	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"
135	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</i>

				<i>assembly process</i>
136	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>
137	8 th All India Congress of "Cytology and Genetics"	Utkal University Bhubaneshwar.	3 days Oct. 1984	<i>Different chromosomal strains of Drosophila nasuta albomicans and their adaptedness.</i>
138	7 th All India Congress of Cell Biology	CCMB, Hyderabad.	3 days Mar. 1984	<i>B- chromosomes in Drosophila nasuta albomicans.</i>

d) Conference/ Seminar/ Symposium/ Workshop participated: 20

<i>Sl. No.</i>	<i>Title of the Conference / seminar</i>	<i>Organized by</i>	<i>Date</i>
1	1 day workshop on Academic Administration	Organized by Academic Staff College, University of Mysore, Mysore	26.10.2013
2	The human Genome: Then and Now	Organized by Centre for Human genetics, Bangalore	15.12.2012 to 16.12.2012
3	Sixth David A. Hungerford Memorial Lecture- Prof. Sidney Altman, Nobel laureate - "RNA World"	Prof. H. Sharath Chandra, Centre for Applied Genetics and Institute of Bioinformatics, Bangalore	25.4.2008
4	Stem Cell Meeting	Centre for Human Genetics, organized at JNCASR, Jakkur, Bangalore.	One day April 21 st , 2003
5	Conference on BANGALORE BIO.COM 2001, BIOTECH HAPPEN HERE	Department of IT and Biotechnology, Government of Karnataka, Bangalore.	3 days March 2001
6	International symposium on "Frontiers of Genetics and Development"	IISc. & JNCASR, Bangalore.	3 days July 1998

7	Discussion meeting on "Concepts and Models in developmental Biology"	Indian Academy of Sciences at Nainital, U.P.	7 days April 1998
8	National workshop on "Radiochemistry and Applications of Radioisotopes"	IANCAS- BARC, Bombay & DOS in Chemistry, Univ. of Mysore.	7 days Nov. 1995
9	Training Workshop in "Environmental enrichment"	Zoo Outreach Organization and Universities Federation for animal welfare, U.K. at Mysore ZOO.	1 day Sep. 1994
10	Group Monitoring workshop on "Evolution, Ecology and Behaviour"	DST, New Delhi and DOS in Zoology, Manasagangotri, Mysore.	3 days July 1994
11	International conference on "Neurobiology from receptors to effectors"	Tata Institute of Fundamental Research Bombay, at Cochin.	3 days May 1994
12	Interaction meeting on "Evolutionary Ecology"	DST, New Delhi and Centre for Ecological Sciences, IISc. Bangalore.	3 days April 1994
13	"Genetic and epigenetic controls in development workshop"	Dept. of Developmental Biology and Genetics laboratory, IISc., Bangalore.	One day Feb. 1993
14	Workshop on "Fluorescent In Situ Hybridization(FISH)	Dept. of Microbiology and Cell Biology, IISc., Bangalore.	7 days Jan. 1993
15	International conference on "Molecular Evolution"	Penn State University, Pennsylvania, U.S.A.	4 days June 1992
16	Seminar on "Cell Structure and Cytoskeleton"	York University, Toronto, CANADA.	1 day Mar.1991
17	Conference on "Sex Determination and Dosage Compensation"	Dept. of Microbiology and Cell Biology, IISc., Bangalore.	3 days Nov.1989
18	Indo - US symposium on "Molecular mechanism involved in neuronal Response to damage"	NIMHANS, Bangalore INDIA	3 days Feb. 1989
19	15 th International Congress of Genetics	Indian National science academy, conducted at Hotel Ashoka, Delhi	Dec. 1983
20	Seminar on "Charles Darwin Centenary celebration"	Department of Post graduate studies and Research in Zoology, Univ. of Mysore, Mysore	One day Mar. 1983

III) ACADEMIC, ADMINISTRATIVE AND PROFESSIONAL RESPONSIBILITIES HELD: 100

Sl. No.	Chairman/ Member	Particulars	Year (From-To)
		SECRETARY	
1	Local Secretary	103 rd Indian Science Congress, 2016	2014-17
		CHAIRMAN	
2	Chairman	Department of Studies in Genetics and Genomics, Univ. of Mysore , MGM	2015- to till date
3	Chairman	Board of Studies in Genetics, University of Mysore	2015-18 2008-11
4	Chairman	Board of Studies in Clinical Embryology and Pre-implantation Genetics, University of Mysore	2017
5	Chairman	Board of Studies in Zoology (PG), University of Mysore	2013-16
6	Chairman	Board of Studies in Clinical Research and Clinical Data Management (PG)	2013-16
7	Chairman	Board of Studies in Zoology (UG), JSS College of arts, Commerce & Science, An autonomous College of University of Mysore	2014-16
8	Chairman	Board of Studies in Zoology (UG), University of Mysore	2013-16
9	Chairman	Human ethical committee of Mysore Medical college & Research Institute (MMC&RI), Mysore	2016-18
10	Chairman	Review Committee for recognition of Institution for specialized Studies – IBAB, Bangalore	2015
11	Chairman	Review Committee for recognition of Institution for specialized Studies – Centre for Human Genetics, Bangalore	2014
12	Chairman	Naagaarjuniam Session, 10 th Kannada Vignana Sammelana organized by University of Mysore and Swadheshi andolana- Karnataka (15.09.2014 to 17.09.2014).	2014
13	Chairman	Board of examination in Genetics, Univ. of Mysore	2014-15 2011-12 2007-08
14	Chairman	Board of examination in Molecular Biology, Yuvaraja's College	2013-15 2006-07
15	Chairman	Board of examination in Zoology, Univ. of Mysore	2006-07

COORDINATOR			
16	Coordinator	M.Sc., Genetics Program, DOS in Zoology, University of Mysore, MGM	2007-15
17	Coordinator	Department of Biotechnology, Govt. of India, Research Project Program Coordinator, Univ. of Mysore	2015-18
18	Coordinator	University Grant Commission- Major Research Project, Coordinator	2015-18
EDITOR			
19	Guest editor	Journal of All India Institute of Speech and Hearing, Mysore Vol. 28.	2009
20	Editorial member	7 th Editorial Board of Zoological Research, The Chinese Academy of Sciences, China	2008-12
MEMBER OF ACADEMIC COUNCIL			
21	AC, Member	J.S.S. Women Autonomous College of the University of Mysore, Mysore	2016-18
22	AC, Member	Govt. Science Autonomous College, University of Mysore, Hassan	2016-18
23	AC, Member	Yuvaraja's College, Autonomous College of the University of Mysore, Mysore	2007-08
MEMBER OF BOARD OF APPOINTMENT			
24	Member	BOA in Zoology, University of Agricultural Sciences, Bengaluru - 65	2017
25	Member	BOA in Genetics and genomics, University of Mysore, Mysuru	2016
26	Member	BOA in Zoology, Yuvaraja's College (Autonomous), University of Mysore, Mysuru	2016
27	Member	BOA in Zoology, Karnatak University, Dharwad	2016
28	Member	BOA in Division of Biological Sciences, Bangalore University, Bangalore	2014, 2016
29	Member	BOA in Dept of Biosciences, Sri Sathya Sai Institute of Higher Learning, Deemed University, Vidyagiri, Prasanthi Nilayam, AP	2013, 2014
30	Member	BOA in Applied Zoology, Mangalore University, Mangalore	2013
31	Member	BOA in Biotechnology, Tumkur University	2012

MEMBER OF BOARD OF STUDIES			
32	Member	BOS in Clinical Embryology and pre-implantation Genetics, Asia Pacific Institute of Embryology, Mysuru- 9	2016-19
33	Member	BOS in Molecular Biology (PG), University of Mysore, Mysuru	2016-19
34	Member	BOS in Biotechnology, Mangalore University	2016-19
35	Member	BOS in Zoology, Govt. College for Women (Autonomous), Mandya	2016-18
36	Member	BOS in Bioscience PG, Univ. of Mysore	2014-16
37	Member	BOS in Food Science and Nutrition, PG, University of Mysore	2013-16
38	Member	BOS in Microbiology, PG, Univ. of Mysore	2013-16
39	Member	BOS in Applied Zoology, Mangalore University	2013-16
40	Member	BOS in Bioinformatics (PG), Karnataka State Women University Bijapur	2009-16
41	Member	BOS in Bioscience PG, Univ. of Mysore	2014
42	Member	BOS in Biochemistry, Molecular Biology, Nano-Sciences and Technology, Nutrition and Dietetics of the JSS University	2014
43	Member	BOS in Zoology (PG), Karnataka State Women University, Bijapur	2012-14
44	Member	Expert Committee in Zoology (PG), Tumkur University	2013
45	Member	BOS, JSS University Ph. D. Regulation Sub-Committee	2013
46	Member	BOS in Molecular Biology, PG, University of Mysore	2013
47	Member	BOS in Zoology, University of Mysore	2010-13
48	Member	BOS in Life Sciences, Pondicherry University, Puducherry	2009-11
49	Member	BOS in Biotechnology (PG), Karnataka State Women University Bijapur	2009-11
50	Member	BOS in Applied Genetics (PG), Bangalore University, Bangalore	2008-11
51	Member	BOS in Biotechnology, Yuvaraja's College, Autonomous College of the University of Mysore, Mysore	2008-11
52	Member	BOS in Biological Sciences (PG), Bangalore University, Bangalore	2007-10

MEMBER OF BOARD OF EXAMINATION			
53	Member	BOE in Genetics (PG), University of Mysore	2015-18 2012-13 2009-11 2006-07
54	Member	KPSC –Examinations (Gazetted Post)	2015-2017
55	Member	Manipal University, Manipal.	2015-2016
56	Member	BOAE for UG and PG in Zoology and Genetics, University of Mysore	2015 2014 2013
57	Member	BOE in Biotechnology, Karnataka University, Dharward	2014
58	Member	K-SET Examination, University of Mysore	2013 2014
59	Member	BOE in Genetics, AIISH, Mysore	2013
60	Subject Expert	Ph. D. Doctoral committee in Biological Science, Bangalore University.	2013
61	Member	Ph. D. Entrance Exam in Genetics, Karnataka University	2013
62	Member	Ph.D Sub-Committee, JSS University, Mysore	2013
63	Member	OPSC Lectureship Examination, Orissa	2013
64	Member	BOE in Zoology (PG), Karnataka University, Dharward	2012
65	Member	Pre-thesis submission colloquium, Dept of Biosciences, Mangalore University, Mangalore	2011-2012
66	Member	BOE in Molecular Biology, Bangalore University, Bangalore	2011-12
67	Member	BOE, Orissa Civil Service (Main) 2011	2011
68	Member	BOE in Zoology (PG), University of Mysore	2004-06 2002-03
MEMBER OF OTHER ACADEMIC & ADMINISTRATIVE COMMITTEES			
69	Member	Malpractice legal evaluation committee (MPLEC), University of Mysore, Mysuru	2016-17
70	Member	Ph.D. new regulation as per UGC norms, University of Mysore, Mysuru	2016-17

71	Member	Local Research Advisory Committee at Mysore Medical college & Research Institute, Mysore	2014-17
72	Member	College Developmental council, Affiliation committee, University of Mysore	2016-17 2015-16 2014-15 2013-14 2011-12 2009-10
73	Member	Institutional Animal ethical committee, University of Mysore, Mysore	2014-17
74	Member	eContent Development Academic standing committee, University of Mysore	2016
75	Member	Human ethical committee of Asthma and Allergy centre, Mysore	2012-16
76	Member	Human ethical committee of Mysore Medical college & Research Institute, Mysore	2007-16
757	Member	Member (University Nominee) of the Expert committee to grant autonomous status to Government Science College, Hassan (12-13 of Nov)	2014
78	Member	Innovative University committee, University of Mysore	2013
79	Member	Institutional Biosafety Committee, University of Mysore	2013
80	Member	Ph. D. and M. Phil. Regulations Expert Committee, University of Mysore	2013
81	DST Nominated member	As Jury to the Inspire award Exhibition of Hassan District School children	2011 (May 21 st to 22 nd)
82	Member	Ph.D Sub-Committee, JSS University, Mysore	2013
83	Member	Faculty of Science and Technology, University of Mysore	2006 till date
MEMBERS OF PROFESSIONAL ORGANIZATION			
84	Life Member	Human Genome Organization (HUGO)	2008
85	Ordinary Member	Indian Society of Cytology and Genetics	2007-08
86	Life Member	Indian Science Congress Association	2007
87	Life Member	Indian society of Human Genetics	2007

88	Life Member	Indian Society of Developmental Biologist	2003
89	Ordinary Member	American Association of Genetics, USA	2000
90	Ordinary Member	New York Academy of Sciences, USA	1998-99
91	Life Member	Indian Society of Cell Biology	1998
92	Ordinary Member	International Society for Molecular Evolution, USA	1992
93	Ordinary Member	International Society for Heat Shock genes, USA	1991
PROMOTION / POPULARIZATION OF SCIENCE EDUCATION PROGRAMME			
94	Research Grant reviewer	Several grants from Govt. of India- UGC, DST, DBT, ICMR, CSIR & also International agency from, USA, Portugal, Netherlands and Poland	2017 from 1999
95	Research Articles Reviewer	Several National and International Journals- (PLOS ONE, Genes development and evolution, Cytokine, Gene, Behavior Genetics, Human Immunology, Indian J. of Med. Res., Indian J. of Human genetics, J. Genetics, J of Biosciences, Current Science, Cytology and Genetics.	2017 from 1999
96	Organizing Convener	Dr. S. N. Hegde Gold medal for excellence in M.Sc., Zoology and M.Sc., Genetics (Started in 2012).	2012
957	TV- Special Lectures	8 UGC SPECIAL LECTURES were delivered on Biotechnology, Genetic Engineering and Human genome projects in DD 9 television channel in 2006-07	2006-07
98	Organizing Convener	Prof. H. A. Ranganath Gold medal for excellence in M.Sc., Genetics (Started in 2006).	2006
99	Member	Science education programme of University of Mysore for High School Students	2006 onwards
100	Popular Science article Writer	Popular Science article - DNA Fingerprinting , Article in Kannada for "Kannada Encyclopedia" Zoology section, Institute of Kannada Studies, Univ. of Mysore, Mysore.	2006

101	TV Talk	Special Television programme on Dolly Cloning in DD9 on 16.08.1999	1999
102	Popular Science article Writer	Popular Science article - Schizophrenia : a chromosomal disease? Indian Express, Dec. 5th,1989, National Newspaper).	1989