

## BIODATA OF

### PROF. N. B. RAMACHANDRA, PH.D, FASC., FKSTA., FIABS

**Professor (Retd) and DAE-Raja Ramanna Chair**

**Former UGC-BSR Faculty Fellow**, Department of Studies in Genetics and Genomics

**Professor (Honorary)**, Sri Sathya Sai University of Human Excellence, Kalaburagi

**Adjunct Professor-** Asia Pacific institute of Embryology, Mysuru

**Consultant-** Human Genetics Unit, All India Institute of Speech and Hearing, Mysuru

**Adjunct Faculty for Biotechnology, Mangalore University, Mengaluru**

**Chairman**, Human Ethical Committee, Mysore Medical College and Research Institute

**Founder Chairman**, Department of Studies in Genetics and Genomics

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1. Date of Birth: 31.05.1958

2. Educational Qualification:

Degree	Subject	Year	University	Class
Ph.D.	Zoology (Genetics)	1982-88	Mysore Manasagangotri	Awarded
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 <sup>nd</sup> Rank 1 <sup>st</sup> Class
B.Sc.,	Chemistry, Botany and Zoology	1977-80	Mysore Cauvery College Gonicoppal Kodagu	1 <sup>st</sup> 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.	01.06.2023 – Till date	<b>DAE- Raja Ramanna Chair</b> , Department of Studies in Genetics and Genomics, Univ. of Mysore, Mysuru
2.	01.06.2020- 31.05.2023	<b>UGC-BSR Faculty Fellow</b> , Department of Studies in Genetics and Genomics, Univ. of Mysore, Mysuru
3.	13. 07. 2015- 31.05. 2020	<b>PROFESSOR AND CHAIRMAN</b> , Department of Studies in Genetics and Genomics, Univ. of Mysore, Mysuru

4.	12.07. 2015 - 12.07.2007	<b>PROFESSOR OF ZOOLOGY (GENETICS)</b> , Coordinator for M.Sc Genetics, DOS in Zoology, Univ. of Mysore, Mysore
5.	12.07.2007- 01.04.1999	<b>READER</b> , DOS in Zoology, Univ. of Mysore, Mysore
6.	31.03.1999 - 01.04.1994	<b>SENIOR LECTURER</b> , DOS in Zoology, Univ. of Mysore, Mysore
7.	July - June 2001	<b>VISITING PROFESSOR</b> - course taught- GENETICS AND DEVELOPMENT, Dept. of Zoology, Univ. of Innsbruck, Austria
8.	27.09. 2000 - 01.10. 1999	<b>SENIOR RESEARCH ASSOCIATE II</b> – Cell, Molecular and Developmental Biology, University of California, Los Angeles, USA
9.	31.03.1994 - 05.09.1992	<b>LECTURER</b> , Department of Studies in Zoology, University of Mysore, Mysore.
10.	04.09.1992 - 19.02. 1990	<b>POSTDOCTORAL FELLOW</b> - MOLECULAR GENETICS, Department of Biochemistry, McMaster University, Hamilton, Canada.
11.	18.02.1990 - 01.04.1989	<b>RESEARCH ASSOCIATE (CSIR - SPECIATION GENETICS &amp; HONARARY LECTURER</b> , Dept. of Zoology, Univ. of Mysore.
12.	31.03.1989 - 04.04.1988	<b>RESEARCH ASSOCIATE (ICMR- HUMAN GENETICS</b> , Dept. of Human Genetics, NIMHANS, Bangalore.
13.	03.04.1988 - 27.12.1986	<b>SENIOR RESEARCH FELLOW</b> - SPECIATION GENETICS, Dept. of Zoology, Univ.of Mysore, MYSORE and LECTURER, Department of Biology, SBRR Mahajana College, Mysore (01.10. 1987 to 31.03.1988 – Temporary.
14.	26.12.1986 - 27.12.1982	<b>RESEARCH FELLOW (UGC (As JRF &amp; SRF-DROSOPHILA GENETICS</b> , Department of Zoology, Univ. of Mysore, Mysore.

#### 5. Awards/ Recognitions:

Sl.No.	Year	Awards/Recognition	Institution
1.	2023- 2028	<b>DAE- Raja Ramanna Chair</b>	Department of Atomic Energy- Raja Ramanna Chair, Govt. of India, Mumbai
2.	2023	<b>Adjunct Professor</b>	Asia Pacific institute of Embryology, Mysuru
3.	2023	<b>Elected Fellow of Indian Academy of Biomedical Sciences</b>	Society of Indian Academy of Biomedical Sciences, Lucknow
4.	2022	<b>Adjunct Faculty for Biotechnology</b>	Mangalore University, Mengaluru
5.	2021	Editorial Board member of Annals of Genetics	International Open-access peer-reviewed journal published by Mediterranean Journals
6.	2021	“Shishyaru Mechida Guru”	Negilayogi Samajaseva Trust, Mysore
7.	2020	<b>Professor (Honorary)</b>	Sri Sathya Sai University of Human

	onwards		Excellence, Kalaburagi
8.	2020-2023	<b>BSR Faculty Fellow</b>	UGC, New Delhi
9.	2020	Fellow of Karnataka Science and Technology Academy - <b>FKSTA</b>	Karnataka Science and Technology Academy, Prof.U.R.Rao Vijnana Bhavana, Bengaluru - 560097
10.	2020 onwards	<b>Consultant</b>	Human Genetics Unit, All India Institute of Speech and Hearing, Mysuru
11.	2019 onwards	<b>Course Coordinator for two MOOC courses</b> { 1 Human genetics and 2 Principles of genetics } for under graduates in life sciences	MHRD-Consortium for Educational Communication, New Delhi Through EMMRC, University of Mysore
12.	2019 onwards	<b>NAAC Peer Review committee member</b>	NAAC, Bengaluru
13.	2019-2022	<b>Member - Selection Committee for Fellow of Indian Academy of Sciences</b>	Indian Academy of Sciences, Bengaluru-80
14.	2019-20	<b>Coordinator – NAAC committee</b> for preparation of University of Mysore	University of Mysore, Mysuru
15.	2018-20	<b>Coordinator</b> for all Life Science Courses Common entrance examination	University of Mysore, Mysuru
16.	2017	<b>Elected Fellow of Indian Academy of Sciences, FASc. 2017</b> - in recognition of outstanding contribution to Science	Indian Academy of Sciences, Bengaluru-80
17.	2016	Centenary Year 1016-2016 - <b>Golden Jubilee foundation Award for Science – Sir C.V. Raman award</b> for 2014-15 (24.07.2016)	University of Mysore, Mysuru
18.	2015	<b>Dr. Raja Ramanna Scientists State Award</b> for the year 2014 for his exceptional contribution to Science Education (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
19.	2015	<b>Prof. G. K. Manna Memorial Award of ISCA</b> for the year 2014-2015 (Award presented on	102 <sup>nd</sup> Indian Science Congress, held at University of Mumbai, ISCA, Kolkata

		04.01.2015	
20.	2014-2016	Organizing <b>Local Secretary for 103<sup>rd</sup> Indian Science Congress</b> , 3 <sup>rd</sup> -7 <sup>th</sup> January 2016, (From August 2014	University of Mysore, Mysore
21.	2013	<b>Award for Research Publications</b>	Government of Karnataka Vision Group on Science and Technology, Department of Information Technology, Biotechnology & Science and Technology, Bangalore
22.	2011	<b>DST Travel Grant Award</b> for the International meeting	12 <sup>th</sup> International Congress of Human Genetics, Montreal, Canada
23.	2008	<b>Sir C.V. Raman Young Scientist State Award</b> for the year 2007 for his exceptional contribution to Life Sciences	Government of Karnataka and State Council for Science and Technology, IISc., Bangalore
24.	2008-2012	<b>Editorial Board Member</b> (4 years	7 <sup>th</sup> Editorial Board of Zoological Research, The Chinese Academy of Sciences, China
25.	2001	<b>VISITING PROFESSOR-</b> to teach course on- Genetics and development	Dept. of Zoology, Univ. of Innsbruck, Austria
26.	1999-2000	<b>Senior Research Associate II award</b>	University of California, Department of Cell Molecular and Developmental Biology, Los Angeles, USA
27.	1990 -1992	<b>Post Doctoral Fellow Award</b>	McMaster University, Department of Biochemistry, Canada
28.	1990	Government of India Nehru Centenary British Fellowship ( <b>common wealth Award</b>	Department of Biological sciences, Warwick University, Coventry, United Kingdom (not availed.
29.	1982	<b>II Rank</b> in M.Sc	DOS in Zoology, Univ. of Mysore.
30.	1980	<b>“Best boy of the college”</b> award	Cauvary College, Gonicoppal, Univ. of Mysore.

## 6. Number of Research Projects: 19

### I. Completed: 18

Sl.No.	Principal Investigator (PI or Co- PI	Title	Funding agency	Year	Amt In lakhs
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1.	PI	BSR Faculty Fellow	UGC, New Delhi	2020-2023	Rs.50.000 honorarium +15.00 3 years
2.	PI	Postgraduate Diploma Program in Personalized Genomic Medicine (PGDPGM)	DBT, New Delhi	2019-2022	88.35
3.	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 Delhi	2015-2018	70.494
4.	PI	Genetics of Autism	UGC, New Delhi (Major Research Project)	2015-2018	15.76
5.	PI	Genetics and Genomics of <i>Drosophila</i> and human	UGC-BSR One Time Grant	2014-2015	Rs. 7.00
6.	PI in India	Development of an automated and low-cost handheld device for diagnosis of tuberculosis	International collaborative research project with McMaster University, Canada - Shastri Research Grant (SRG)	15.03.2014 to 26.05.2014	1.09 (from CAN \$10,000)
7.	Co PI	A Comprehensive Screening Of ADAM33 Gene Polymorphisms: Relationship To Asthma And Airway Obstruction	ICMR, New Delhi	2011-2014	19.00
8.	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/-)

9.	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
10.	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
11.	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
12.	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 0
13.	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
14.	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
15.	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
16.	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

17.	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
18.	PI	Studies on the develop- ment 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 Ongoing

19.	PI	Creation of gene panel for screening of Autism Spectrum Disorders and Congenital Heart Diseases	Department of Atomic Energy- Dr. Raja Ramanna Chair	2023-2028	Rs.13.50 lakhs /annum + One RA
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### Summary of the Academic Research credentials

1. Number of **Ph.D.** Candidates successfully **completed** -- **30**
2. Number of **Ph.D.** Candidates currently **working** -- **02**
3. Number of **M. Phil** Candidates successfully **completed** -- **02**
4. Number of **summer students** allotted by the **Indian Academies** of Sciences worked under me -- **10**
5. Research Publications: -- **284**
  - I. Publications in peer-reviewed journals: -- **169**
  - II. Research Notes in *Drosophila* Information Service, USA -- **14**
  - ii **Gene / DNA sequences in NCBI, USA:** -- **85**
  - iii Books / Documentation: -- **16**
  - Presentation in Seminars and Conferences: -- **320**

h-index:**25**; i10-index:**69**; Total citations: **3000+**
6. Academic, Administrative and Professional responsibilities held: -- **110**

## **I. LIST OF PUBLICATIONS**

<b><i>Sl.No.</i></b>	<b><i>Year</i></b>	<b><i>Details of publications</i></b>
1	2024	Ramachandra NB, Srushti CS, and Meghana KR Approaches for Unraveling Complex Human Genetic Diseases. Awareness 2024, Vol 1, Issue 1: Pages 49-59
2	2024	Sushil Khanal, Ankit Jaiswal, Rajanikanth Chowdanayaka, Nahshon Puente, Katerina Turner, Kebron Yeshitela Assefa, Mohamad Nawras, Ezekiel David Back, Abigail Royfman, James P. Burkett, Soon Hon Cheong, Heidi S. Fisher, Puneet Sindhwani, John Gray, <b>Nallur Basappa Ramachandra</b> & Tomer Avidor-Reiss The evolution of centriole degradation in mouse sperm. <i>Nature Communications</i> , <b>15</b> : 117 (22 pages) <a href="https://doi.org/10.1038/s41467-023-44411-8">https://doi.org/10.1038/s41467-023-44411-8</a> (IF: 17.694)
3	2023	Vishweswaraiah, S.; <b>Ramachandra, N.B.</b> ; Joshi, N.; Parthasarathi, A.; Kaleem Ullah, M.; Siddaiah, J.B.; Holla, A.D.; Chakraborty, S.; Agrawal, A.; Mahesh, P.A. Association between <i>ADAM33</i> Single-Nucleotide Polymorphisms and Treatment Response to Inhaled Corticosteroids and a Long-Acting Beta-Agonist in Asthma. <i>Diagnostics</i> , <b>13</b> , 405. <a href="https://doi.org/10.3390/diagnostics13030405">https://doi.org/10.3390/diagnostics13030405</a> (IF: 3.992)
4	2023	Rajanikanth C and <b>Ramachandra N.B.</b> Mating behaviour and mating signalling modalities in <i>Drosophila nasuta</i> . <i>Animal Behaviour</i> 197 (2023) 43e50. <a href="https://doi.org/10.1016/j.anbehav.2022.12.010">https://doi.org/10.1016/j.anbehav.2022.12.010</a> (IF: 3.039)
5	2022	Ashitha SNM, Suryanarayanan TB and <b>Nallur B. Ramachandra</b> Integrated in silico functional analysis predicts autism spectrum disorders to be burdened by deleterious variations within CHD8 core domains and its CHD7-binding motif. <i>Network modeling analysis in health informatics and bioinformatics</i> , DOI: 10.1007/s13721-022-00377-z (IF: 2.05)
6	2022	Chaithra S., Agarwala, S., and <b>Ramachandra N.B.</b> High-risk genes involved in common septal defects of congenital heart disease. <i>Gene</i> , <b>18</b> ; 840:146745. doi: 10.1016/j. (IF: 3.913; Citation-04 )
7	2022	Tejaswini Prakash and <b>Nallur B. Ramachandra</b> Prioritizing candidate genes for type 2 Diabetes mellitus using integrated network and pathway analysis. <i>Avicenna Journal of Medical Biotechnology</i> . 14(3): 239–246. doi: 10.18502/ajmb.v14i3.9831 (IF: 1.690)
8	2022	Somanna AN, and <b>NB Ramachandra</b> Differential expression of the <i>Mycobacterium tuberculosis</i> heat shock protein gene in response to drug-induced stress. <i>Tuberculosis</i> , <b>134</b> :102201. doi: 10.1016/j.tube.2022.102201 (IF: 3.131)
9	2022	Rajanikanth C and <b>N. B. Ramachandra</b> Rapid divergence of key spermatogenesis genes in <i>nasuta</i> -subgroup of <i>Drosophila</i> , <i>J. of Mol. Evolution</i> . <b>90</b> (1): 2-16, DOI: 10.1007/s00239-021-10037-x (IF: 2.9)
10	2021	Agarwala, S., Naik, B., and <b>Ramachandra N.B.</b> Mucosa associated specific bacterial species disrupt the intestinal epithelial barrier in autism phenome. <i>Brain, Behavior, &amp; Immunity – Health</i> , <b>15</b> :1-9. doi.org/10.1016/j.bbih.2021.100269 (IF:19.227; Citation:05)



11	2021	Agarwala, S and <b>Ramachandra N.B.</b> Risk homozygous haplotype regions for autism identifies population-specific ten genes for numerous pathways. <i>Egyptian Journal of Neurology, Psychiatry and Neurosurgery</i> , 57-69. doi: 10.1186/s41983-021-00323-2 (IF:1.6)
12	2021	Stafny MelonyDSouza., KoushikPonnanna and <b>Nallur B.Ramachandra</b> Comparative analysis of testis transcriptomes in laboratory cohorts of recently diverged allopatric <i>Drosophila nasuta nasuta</i> and <i>Drosophila nasuta albomicans</i> . <i>Journal of Asia-Pacific Entomology</i> , 24(2):46-54. doi.org/10.1016/j.aspen.2021.04.005 (IF:1.67)
13	2021	Abbaspourkharyeki M, Anvekar NJ, Ramachandra NB The Possible Impact of Glycosylation on the Binding of Ligand/Receptor and Activation of the NOTCH2 in Multiple Myeloma. <i>Immunogenet OpenAccess</i> . 6: 141. (IF :2.621)
14	2021	Agarwala, S and <b>Ramachandra N.B.</b> Role of <i>CNTNAP2</i> in autism manifestation outlines the regulation of signaling between neurons at the synapse. <i>Egypt J Med Hum Genet</i> 22 (22) :1-13. doi.org/10.1186/s43042-021-00138-z (IF:1.45; Citation:04)
15	2021	Koushik Ponnanna, Stafny DSouza and <b>Ramachandra N.B.</b> De novo assembly,annotation and gene expression profiles of gonads of <i>Cytoraces3</i> , a hybrid lineage of <i>Drosophila nasuta nasuta</i> and <i>D.n. albomicans</i> . <i>Genomics and Informatics</i> , 19(1): e8: 1-12. doi.org/10.5808/gi.20051. (IF:1.624)
16	2020	D'ouza,S., Ponnanna, K., Chokkanna A and <b>Ramachandra N. B.</b> Illumina short-read sequencing data, de novo assembly and annotations of the <i>Drosophila nasuta nasuta</i> genome, <i>Data in Brief</i> . 34:06674. doi.org/10.1016/j.dib/2020.106674. (IF :1.133)
17	2020	D'Souza, S., Ponnanna, K., Chokkanna, A., <b>Ramachandra N.B.</b> <i>Drosophila nasuta nasuta</i> whole genome: Illumina sequencing & data analysis, <i>Mendeley Data</i> , V2, [dataset]. dx.doi.org/10.17632/3s7tft6vgb.3 (Citation:01)
18	2020	Tejaswini Prakash , and <b>Nallur B. Ramachandra</b> Integrated Network and Gene Ontology Analysis Identifies Key Genes and Pathways for Coronary Artery Diseases, <i>Avicenna Journal of Medical Biotechnology</i> , 13(1) :15-23. dx.doi.org/10.18502/ajmb.v13i1.4581. (IF: 1.690; Citation:02)
19	2020	Agrawala, S., Veerappa, A.M and <b>Nallur B. Ramachandra</b> Identification of primary Copy Number Variations reveals enrichment of Calcium, and MAPK pathways sensitizing secondary sites for autism, <i>Egyptian Journal Medical Human Genetics</i> , 21(55): 1-14. doi.org/10.1186/s43042-020-00091-3. (IF:1.45)
20	2020	Ashitha SNM, Raviraj VS and <b>Nallur B. Ramachandra</b> Comprehensive in silico mutational-sensitivity analysis of PTEN establishes signature regions implicated in pathogenesis of Autism Spectrum Disorders, <i>Genomics</i> , 113(1):999-1017. doi.org/10.1016/j.ygeno.2020.10.035, (IF: 6.205; Citation:01)
21	2020	Koushik Ponnanna, Stafny M.D.Souza, C.Amruthavalli and <b>Nallur B. Ramachandra</b> Allopatric sibling species pair <i>Drosophila nasuta nasuta</i> and <i>Drosophila nasuta albomicans</i> exhibit expression divergence in ovarian transcriptomes, <i>Gene</i> , 777(145189):1-9. doi.org/10.1016/j.gene.2020.145189. (IF: 3.913; Citation:01 )
22	2020	Rahim Gholipoorfeshkech, Swati Agarwala, Kavya G, Santhosh Krishnappa, Mysore R. Savitha and <b>Nallur B. Ramachandra</b>

		Whole exome sequencing and homozygosity mapping identify variants in <i>NCOR1</i> and <i>MAP2K3</i> associated with non- syndromic Congenital Heart Defects, <i>Egyptian Journal of Medical Human Genetics</i> , 21(58):1-10. doi: 10.1186/s43042-020-00101-4. ( <b>IF:1.45; Citation:01</b> )
23	2020	Malek Abbaspourkharyeki, Naveen J Anvekar and <b>Nallur B. Ramachandra</b> The possible role of point mutations and activation of the CDC27 gene in progression of Multiple Myeloma. <i>Meta Gene</i> , doi.org/10.1016/j.mgene.2020.100761. ( <b>IF: 0.782</b> )
24	2020	Ashitha SNM and <b>Nallur B. Ramachandra</b> Integrated Functional Analysis implicates Syndromic and Rare Copy Number Variation genes as prominent molecular players in pathogenesis of Autism Spectrum Disorders, <i>Neuroscience</i> , 438:25-40 . doi.org/10.1016/j.neuroscience.2020.04.051 ( <b>IF: 3.59; Citation:07</b> )
25	2020	Malek Abbaspourkharyeki, Naveen Jayaram Anvekar and <b>Nallur B. Ramachandra</b> Genomic Landscape of a Case of Multiple Myeloma by Whole Exome Sequencing, <i>Bio-Science Research Bulletin</i> , 36 (1): 13-21. DOI : 10.5958/2320-3161.2020.00003.6 ( <b>IF: 0.54</b> )
26	2020	Tejaswini Prakash, MS. Basavaraj and <b>Nallur B. Ramachandra</b> Evaluation of Nonsynonymous Single Nucleotide Variations in NOS2 Gene Identified Through Whole Exome Sequencing: A Bioinformatics Approach. <i>Bulletin of Pure and Applied Sciences(Zoology)</i> ,39A1: 172-188. DOI : <u>10.5958/2320-3188.2020.00020.0</u>
27	2020	Rahim G, Swati A,Santhosh K, M.R.Savitha,D. Narayanappa and <b>NB Ramachandra</b> Nuclear Co-repressor 1, a Potential Candidate Gene in the Manifestation of Congenital Heart Diseases, <i>Int J Hum Genet</i> , 20(2): 55-65. DOI: 10.31901/24566330.2020/20.02.738 ( <b>IF: 0.226; Citation:03</b> ).
28	2020	Rahim G, Swati A,Santhosh K, M.R.Savitha,D. Narayanappa and <b>NB Ramachandra</b> Variants in HEY genes manifest in Ventricular Septal Defects of Congenital Heart Disease, <i>Gene Reports</i> ,1-6, doi.org/10.1016/j.genrep.2020.100613 ( <b>IF: 1.51; Citation:02</b> ).
29	2019	Sangeetha V, Avinash MV, Mahesh PA, Jayaraj BS, Chaya SK, and <b>NB Ramachandra</b> Haplotype analysis of ADAM33 polymorphisms in Asthma: A pilot study from South Indian population. <i>Indian J Med Res</i> , 150(3:272-281. ( <b>IF:5.274; Citation:06</b> ).
30	2018	Somanna AN, Sumana MN, Amruthavalli C and <b>NB Ramachandra</b> Detection of first line drug resistance mutations and drug-protein interaction dynamics from Tuberculosis patients in South India, <i>Microbial Drug Resistance</i> , doi/abs/10.1089/mdr.2017.0048 ( <b>IF:2.706; Citation:04</b> ).
31	2017	Megha N Murthy and <b>NB Ramachandra</b> Prioritization of differentially expressed genes in Substantia nigra transcriptomes of Parkinsons's disease reveals key protein interactions and pathways, <i>Meta Gene</i> , 14:12-18 ( <b>IF:1.27; Citation:02</b> ).
32	2017	Ashitha SNM, Avinash M Veerappa and <b>NB Ramachandra</b> Whole exome sequencing of discordant diseases in monozygotic twins with Down syndrome reveals mutations for Congenital Heart Defect and Epileptic seizures, <i>Meta</i>

		<i>Gene</i> , 12: 134-137 ( <b>IF:1.27</b> ).
33	2017	Tejaswini Prakash, Avinash M Veerappa and <b>NB Ramachandra</b> 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 ( <b>IF:2.917; Citation:02</b> ).
34	2017	Raviraj V Suresh, Narayanappa D , Savitha R. M., Ambika S. Udupa, Kusuma Lingaiah, Sunil Kumar Polapalli and <b>NB Ramachandra</b> Association of <i>RFC1</i> A80G gene polymorphism with advanced maternal age in risk of Down syndrome, <i>Current Medicine Research and Practice</i> , 7:6-10, ( <b>IF:2.5; Citation:03</b> ).
35	2017	Raviraj V Suresh, Kusuma Lingaiah , Avinash M Veerappa and <b>NB Ramachandra</b> Identifying the risk of producing aneuploids using meiotic recombination genes as biomarkers: A Copy Number Variation approach. <i>Indian J Med Res</i> , 145: 39-50 ( <b>IF:5. 274; Citation:02</b> ).
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114	2006	Smitha R and <b>NB Ramachandra</b> Parental consanguinity increases Congenital Heart Diseases in South India. <i>Annals of Hum. Biol.</i> 33(5/6):519-928. (IF=1.713; Citation:65)
115	2006	Savitha MR, Krishnamurthy B, Hyderi A, Farhan-Ul-Haque and <b>NB Ramachandra</b> Myotonia congenital- a successful response to carbamazepine. <i>Ind. J. Pediatrics</i> , 73:431-433. (IF= 0.52; Citation:13)
116	2006	Smitha R, Karat SC, Narayanappa D, Krishnamurthy B, Prasanth SN and <b>NB Ramachandra</b> Prevalence of Congenital Heart Diseases in Mysore. <i>Indian J. Hum. Genet.</i> 12(1):12-17 (Citation:76)
117	2006	Malini S S and <b>NB Ramachandra</b> Influence of advanced age of maternal grandmothers on Down syndrome. <i>BMC Medical genetics.</i> 7: 4 doi: 10.1186/1471-2350-7-4 (IF=2.84; Citation:108)
118	2005	Saviour P and <b>NB Ramachandra</b> Modes of genetic transmission of dyslexia in south Indian families. <i>Indian J. Human Genetics</i> . 11(3):135-140 (Citation:09)
119	2005	Smitha R and <b>NB Ramachandra</b> An understanding the basis of congenital heart disease. <i>Ind. J. Human Genetics</i> 11: 14-23. Review article (IF=0.469; Citation:20)

120	2004	Morros J, <b>Ramachandra NB</b> , 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:66)
121	2003	Harini BP and <b>NB Ramachandra</b> 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)
122	2003	Harini BP and <b>NB Ramachandra</b> 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:20)
123	2003	Tanuja MT., <b>Ramachandra NB</b> 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:13)
124	2002	<b>Ramachandra NB.</b> , 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:40)
125	2001	Tanuja MT., <b>Ramachandra NB</b> and HA Ranganath Incipient sexual isolation in the <i>nasuta-albomicans</i> 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:15)
126	2001	Tanuja MT., <b>Ramachandra NB</b> 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:13)
127	2001	Mahesh G., <b>Ramachandra NB</b> 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)
128	2000	Harini BP and <b>NB Ramachandra</b> 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:08)
129	2000	Mahesh G., <b>Ramachandra NB</b> 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:02)
130	2000	Harini BP and <b>NB Ramachandra.</b> 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:10)
131	1999	Tanuja M. T., <b>Ramachandra NB</b> 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:14)
132	1999	Tanuja MT., <b>Ramachandra NB</b> 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:09)

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134	1999	Harini BP and <b>NB Ramachandra</b> 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:18)
135	1999	Harini BP and <b>NB Ramachandra</b> . 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:13)
136	1998	Tanuja MT., <b>NB Ramachandra</b> 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:16)
137	1996	<b>Ramachandra, NB</b> 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:26)
138	1995-96	<b>Ramachandra NB</b> 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.
139	1994	Ranganath HA and <b>Ramachandra NB</b> <i>Drosophila albomicans</i> – a unique karyotype. <i>Nucleus, Calcutta, International Journal of Cytology</i> 37(3: 105-112. Citation – 05
140	1994	<b>Ramachandra, NB</b> 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:03)
141	1994	<b>Ramachandra, NB</b> 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:13)
142	1991-92	<b>Ramachandra, NB</b> 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.
143	1990	<b>Ramachandra, NB</b> 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:27)
144	1988	<b>Ramachandra, NB</b> 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:30)
145	1988	<b>Ramachandra, NB</b> 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.

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147	1987	<b>Ramachandra, NB</b> and HA Ranganath. Accumulation of B-chromosomes in <i>Drosophila nasuta albomicana</i> . <i>Curr. Sci.</i> 56(16: 850-852. ( <b>IF= 0.935; Citation:02</b> )
148	1987	<b>Ramachandra, NB</b> 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. ( <b>IF= 1.295; Citation:11</b> )
149	1987	<b>Ramachandra, NB</b> and HA Ranganath. Characterization of heterochromatin in the B-chromosomes of <i>Drosophila nasuta albomicana</i> . <i>Chromosoma</i> , 95:223-226. ( <b>IF=4.979; Citation:13</b> )
150	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. ( <b>IF= 1.295; Citation:03</b> )
151	1986	<b>Ramachandra, NB</b> 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. ( <b>IF= 1.295; Citation:06</b> )
152	1986	<b>Ramachandra NB</b> 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. ( <b>IF =1.295; Citation:12</b> )
153	1986	<b>Ramachandra, NB</b> 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. ( <b>IF= 4.979; Citation:46</b> )
154	1985-86	<b>Ramachandra, NB</b> 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.
155	1985	<b>Ramachandra, NB</b> and HA Ranganath. Supernumerary chromosomes in <i>Drosophila nasuta albomicana</i> . ( <i>Experientia Cellular and molecular Life Sciences</i> , 1: 680-681. ( <b>IF = 7.047; Citation:15</b> )

## II. PUBLICATIONS IN CONFERENCE/SYMPOSIA PROCEEDINGS: 09

Sl no	Year	Details of publications
156	2009	Dinesh SM, Amruthavalli C, Kusuma L and <b>NB Ramachandra</b> 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</i> , Eds. C Basavaraju, CN Ravikumar and C Amruthavall ,Centre for Information Science and technology & DOS in Computer Science, University of Mysore, Mysore. pp: 148-152.
157	2009	Avinash MV, Bhanu priya R and <b>NB Ramachandra</b>

		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</i> , 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.
158	2009	Ranjini MS, Amruthavalli C and <b>NB Ramachandra</b> Molecular perspective of <i>Sod 1</i> in <i>Drosophila nasuta nasuta</i> . <i>Proc. Of National Conference on Information Technology and its applications held on 21-22 Nov. 2009</i> , 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.
159	2008	Radhey S. Gupta, <b>Ramachandra NB</b> , Timothy Bowes and Bhag Singh Unusual cellular disposition of the mitochondrial molecular chaperones Hsp60, Hsp70 and Hsp10. The Biology of extracellular molecular chaperones, Wiley, Chichester (Novartis Foundation Symposium 291 p59-73. <b>Citation – 52</b>
160	2007	Ranjini, MS and <b>NB Ramachandra</b> Recombination influences longevity in karyotypically similar hybrid races of <i>nasuta-albomicans</i> complex of <i>Drosophila</i> . <i>Proc. Nat. Symp. RTIBS</i> , 90-96.
161	2007	Kusuma Lingaiah and <b>NB Ramachandra</b> Genes Involved in Congenital Heart Diseases: A Review <i>Proc. Nat. Symp. RTIBS</i> , 22-28.
162	2007	Mahdi Bijanzadeh, <b>NB Ramachandra</b> Possible causes of Asthma in Mysore, South India. <i>Proc. Nat. Symp. RTIBS</i> , 74-77.
163	1999	Tanuja MT., <b>Ramachandra NB</b> and HA Ranganath. Hybridization and Racialization in <i>Drosophila</i> . <i>DST SERC Research highlights</i> :17-21.
164	1987	<b>Ramachandra, NB</b> 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. PROTOCOLS / METHODS DEVELOPED: 05

165	2020	Koushik Ponnanna and <b>Nallur B. Ramachandra</b> Quantification of genomic variants and cross-species comparisons from whole genome/chromosome alignments in <i>Drosophila</i> , <i>ebook</i> : In:Experiments with <i>Drosophila</i> for Biology Courses. 2021. (eds: S.C. Lakhota & H.A. Ranganath). Indian Academy of Sciences, Bangalore, India, 84: 553-562.
166	2020	Rajanikanth C and <b>N. B. Ramachandra</b> Molecular Phylogenetics of <i>Drosophila</i> species, <i>ebook</i> : In:Experiments with <i>Drosophila</i> for Biology Courses. 2021. (eds: S.C. Lakhota & H.A. Ranganath). Indian Academy of Sciences, Bangalore, India, 85:563-570.
167	2020	Rajanikanth C and <b>N. B. Ramachandra</b>

		Understanding the molecular evolution using <i>Drosophila</i> genes, <i>ebook</i> : In:Experiments with <i>Drosophila</i> for Biology Courses. 2021. (eds: S.C. Lakhotia & H.A. Ranganath). Indian Academy of Sciences, Bangalore, India, 86: 571-580.
168	2009	<b>Ramachandra NB</b> and Ranjini M.S Experiments to Demonstrate Change in Allelic Frequency by Genetic Drift. <i>Resonance - J. Science Education</i> , 14 (11: 1110-1118.
169	1998	<b>Ramachandra NB</b> A simple and rapid method for isolation of cellular DNA. <i>Resonance - J. Science Education</i> 3(7: 71-73

#### IV. RESEARCH NOTES IN DROSOPHILA INFORMATION SERVICE, U.S.A.: 14

SI No	Year	Details of publications
1	2008	Aryatu, Prakash, and <b>NB Ramachandra</b> Distribution of <i>Drosophila</i> flies in eight different altitudes of three districts of Karnataka, India. 91: 82-87.
2	2004	Sajesh Babu and <b>NB Ramachandra</b> Isolation of new alleles of <i>ifm</i> (2 <i>RU</i> mutants by EMS mutagenesis. 87:59-64.
3	2000	Akhileshwar, V. and <b>NB Ramachandra</b> Flight ability of the newly isolated three indirect flight mutations in <i>Drosophila</i> 83: 110—113.
4	2000	Akhileshwar, V. and <b>NB Ramachandra</b> 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 <b>NB Ramachandra</b> Induction and isolation of chromosome specific flight muscle mutations in <i>Drosophila melanogaster</i> . 80: 102-103.
6	1997	Upendra N. and <b>NB Ramachandra</b> . Isolation of an allele of yellow body mutation in <i>Drosophila melanogaster</i> by an unusual pattern of inheritance. 80: 45-46.
7	1996	<b>Ramachandra, NB</b> and HA Ranganath. Evolution of new karyotypic strains (Cytoraces through hybridization in <i>Drosophila nasuta</i> system. 77: 86-88.
8	1987	<b>Ramachandra NB.</b> , 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	<b>Ramachandra NB</b> 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	<b>Ramachandra NB</b> 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	<b>Ramachandra, NB</b> and HA Ranganath. Resource utilization divergence in two cosmopolitan and sympatric species of <i>Drosophila</i> . 63: 110-111.
12	1985	Ushakumari A., <b>Ramachandra NB</b> 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	<b>Ramachandra NB</b> and HA Ranganath. Further studies on B-chromosomes in <i>Drosophila nasuta albomicans</i> . 61:139-140. <b>Citation - 02</b>
14	1984	<b>Ramachandra NB</b> and HA Ranganath. Preliminary studies on the differences in the nutritional requirements in <i>Drosophila</i> . 60: 171.

**V. GENE / DNA SEQUENCES IN NATIONAL CENTER FOR BIOTECHNOLOGY  
INFORMATION (NCBI, USA) : 85**

<i>Sl no</i>	<i>Year</i>	<i>Details of publications</i>
1.	2021	DSouza, S. M., Ponnanna, K., and <b>Ramachandra, N. B.</b> Illumina short-read de novo genome assembly of laboratory evolved Cytorace-3 of <i>Drosophila nasuta-albomicans</i> complex, NCBI- GenBank Accession: JADKZD000000000.
2.	2020	DSouza, S. M., Ponnanna, K., Chokkanna, A. and <b>Ramachandra, N. B.</b> Illumina short-read sequencing data, de novo assembly and annotations of the <i>Drosophila nasuta nasuta</i> genome, NCBI- GenBank Accession: JADFWM000000000.
3.	2020	Ponnanna, K., DSouza, S. M., and <b>Ramachandra, N. B.</b> Nanopore long-read sequencing and de novo assembly of the <i>Drosophila nasuta nasuta</i> genome, NCBI- GenBank Accession: JADKZE000000000.
4.	2020	Ponnanna, K., DSouza, S. M., and <b>Ramachandra, N. B.</b> Improvised genome assembly of <i>Drosophila nasuta nasuta</i> Coorg strain. NCBI- GenBank Accession: JADFWM000000000.
5.	2020	DSouza, S. M., Ponnanna, K., Chokkanna, A. and <b>Ramachandra, N. B.</b> Illumina short-read sequencing data, de novo assembly and annotations of the <i>Drosophila nasuta albomicans</i> genome, NCBI- GenBank Accession: JADFWL000000000.
6.	2020	Ponnanna, K., DSouza, S. M., and <b>Ramachandra, N. B.</b> Illumina short-read de novo genome assembly of laboratory evolved Cytorace-2 of <i>Drosophila nasuta-albomicans</i> complex, NCBI- GenBank Accession: JADKZF000000000.
7.	2020	Ponnanna, K., DSouza, S. M., and <b>Ramachandra, N. B.</b> Illumina short-read de novo genome assembly of laboratory evolved Cytorace-9 of <i>Drosophila nasuta-albomicans</i> complex, NCBI- GenBank Accession: JADLKD000000000.
8.	2020	DSouza, S. M., Ponnanna, K., and <b>Ramachandra, N. B.</b> Illumina short-read de novo genome assembly of laboratory evolved Fissioncytorace-1 of <i>Drosophila nasuta-albomicans</i> complex, NCBI- GenBank Accession: JADKZB000000000.
9.	2020	DSouza, S. M., Ponnanna, K., and <b>Ramachandra, N. B.</b> gDNA of <i>D. n. nasuta</i> Coorg strain: Adult whole male, NCBI- Sequence read

		Archive (SRA) Accession: SRX8655761.
10	2020	DSouza, S. M., Ponnanna, K., and <b>Ramachandra, N. B.</b> gDNA of <i>D. n. albomicans</i> Okinawa strain: Adult whole male, NCBI- SRA Accession: SRX8655762.
11	2020	DSouza, S. M., Ponnanna, K., and <b>Ramachandra, N. B.</b> RNA-Seq of <i>Drosophila nasuta</i> : adult testis, NCBI- SRA Accession: SRX7545047.
12	2020	DSouza, S. M., Ponnanna, K., and <b>Ramachandra, N. B.</b> RNA-Seq of <i>Drosophila albomicans</i> : adult testis, NCBI- SRA Accession: SRX7545048.
13	2020	Ponnanna, K., DSouza, S. M., and <b>Ramachandra, N. B.</b> RNA-Seq of Cytorange-2: adult testis, NCBI- SRA Accession: SRX7545049
14	2020	Ponnanna, K., DSouza, S. M., and <b>Ramachandra, N. B.</b> RNA-Seq of Cytorange-3: adult testis, NCBI- SRA Accession: SRX7545050.
15	2020	Ponnanna, K., DSouza, S. M., and <b>Ramachandra, N. B.</b> RNA-Seq of Cytorange-9: adult testis, NCBI- SRA Accession: SRX7545051:
16	2020	DSouza, S. M., Ponnanna, K., and <b>Ramachandra, N. B.</b> RNA-Seq of Fissioncytorace-1: adult testis, NCBI- SRA Accession: SRX7545052:
17	2020	DSouza, S. M., Ponnanna, K., and <b>Ramachandra, N. B.</b> RNA-Seq of <i>Drosophila nasuta</i> : adult ovaries, NCBI- SRA Accession: SRX5208243.
18	2020	DSouza, S. M., Ponnanna, K., and <b>Ramachandra, N. B.</b> RNA-Seq of <i>Drosophila albomicans</i> : adult ovaries, NCBI- SRA Accession: SRX5208244.
19	2020	Ponnanna, K., DSouza, S. M., and <b>Ramachandra, N. B.</b> RNA-Seq of Cytorange 2: adult ovaries, NCBI- SRA Accession: SRX5208245.
20	2020	Ponnanna, K., DSouza, S. M., and <b>Ramachandra, N. B.</b> RNA-Seq of Cytorange 3: adult ovaries, NCBI- SRA Accession: SRX5208246.
21	2020	Ponnanna, K., DSouza, S. M., and <b>Ramachandra, N. B.</b> RNA-Seq of Cytorange 9: adult ovaries, NCBI- SRA Accession: SRX5208241.
22	2020	DSouza, S. M., Ponnanna, K., and <b>Ramachandra, N. B.</b> RNA-Seq of Fissioncytorace 1: adult ovaries, NCBI- SRA Accession: SRX5208242.
23	2015	Padma,R. and <b>NB Ramachandra</b> <i>Drosophila albomicans</i> isolate Cytorange1 Rab protein (Rab gene, partial cds. NCBI Accession Number KP684488.
24	2015	Padma,R. and <b>NB Ramachandra</b> <i>Drosophila albomicans</i> isolate Cytorange2 Rab protein (Rab gene, partial cds. NCBI Accession Number KP684489.
25	2015	Padma,R. and <b>NB Ramachandra</b> <i>Drosophila albomicans</i> isolate Cytorange3 Rab protein (Rab gene, partial cds. NCBI Accession Number KP684490.



26	2015	Padma,R. and <b>NB Ramachandra</b> <i>Drosophila albomicans</i> isolate Cytorace4 Rab protein (Rab gene, partial cds. NCBI Accession Number KP684491.
27	2015	Padma,R. and <b>NB Ramachandra</b> <i>Drosophila albomicans</i> isolate Cytorace5 Rab protein (Rab gene, partial cds. NCBI Accession Number KP684492.
28	2015	Padma,R. and <b>NB Ramachandra</b> <i>Drosophila albomicans</i> Rab protein (Rab gene, partial cds. NCBI Accession Number KP684493.
29	2015	Padma,R. and <b>NB Ramachandra</b> <i>Drosophila immigrans</i> Rab protein (Rab gene, partial cds. NCBI Accession Number KP684494
30	2015	Padma,R. and <b>NB Ramachandra</b> <i>Drosophila kohkoa</i> Rab protein (Rab gene, partial cds. NCBI Accession Number KP684495.
31	2015	Padma,R. and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> Rab protein (Rab gene, partial cds. NCBI Accession Number KP684496.
32	2015	Padma,R. and <b>NB Ramachandra</b> <i>Drosophila neonasuta</i> Rab protein (Rab gene, partial cds. NCBI Accession Number KP684497.
33	2015	Padma,R. and <b>NB Ramachandra</b> <i>Drosophila rubida</i> Rab protein (Rab gene, partial cds. NCBI Accession Number KP684498.
34	2015	Padma,R. and <b>NB Ramachandra</b> <i>Drosophila sulfurigaster</i> Rab protein (Rab gene, partial cds. NCBI Accession Number KP684499.
35	2013	Radhika P and <b>NB Ramachandra</b> <i>Drosophila albomicans stoned A (stnA</i> gene, partial cds. NCBI Accession Number KC907708.
36	2013	Radhika P and <b>NB Ramachandra</b> <i>Drosophila rubida dopamine receptor-2 (DopR2</i> gene, partial cds. NCBI Accession Number KC907709.
37	2011	Radhika P and <b>NB Ramachandra</b> <i>Drosophila sulfurigaster</i> Partial genomic DNA sequence of gene aly. NCBI Accession Number JQ315199.
38	2011	Radhika P and <b>NB Ramachandra</b> <i>Drosophila neonasuta</i> Partial genomic DNA sequence of gene aly. NCBI Accession Number JQ315198.
39	2011	Radhika P and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> Partial genomic DNA sequence of gene aly. NCBI Accession Number JQ315197.
40	2011	Radhika P and <b>NB Ramachandra</b>

		<i>Drosophila naalC6</i> Partial genomic DNA sequence of gene aly. NCBI Accession Number JQ315196.
41	2011	Radhika P and <b>NB Ramachandra</b> <i>Drosophila naalC5</i> Partial genomic DNA sequence of gene aly. NCBI Accession Number JQ315195.
42	2011	Radhika P and <b>NB Ramachandra</b> <i>Drosophila naalC4</i> Partial genomic DNA sequence of gene aly. NCBI Accession Number JQ315194.
43	2011	Radhika P and <b>NB Ramachandra</b> <i>Drosophila naalC3</i> Partial genomic DNA sequence of gene aly. NCBI Accession Number JQ315193.
44	2011	Radhika P and <b>NB Ramachandra</b> <i>Drosophila naalC2</i> Partial genomic DNA sequence of gene aly. NCBI Accession Number JQ315192.
45	2011	Radhika P and <b>NB Ramachandra</b> <i>Drosophila naalC1</i> Partial genomic DNA sequence of gene aly. NCBI Accession Number JQ315191.
46	2011	Radhika P and <b>NB Ramachandra</b> <i>Drosophila kohkoa</i> Partial genomic DNA sequence of gene aly. NCBI Accession Number JQ315190.
47	2011	Radhika P and <b>NB Ramachandra</b> <i>Drosophila albomicans</i> Partial genomic DNA sequence of gene aly . NCBI Accession Number JQ315189.
48	2011	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185210.
49	2011	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185209.
50	2011	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185208.
51	2011	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185207.
52	2011	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185206.
53	2011	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185205.
54	2011	Bijaya T. and <b>NB Ramachandra</b>

		gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185204.
55	2011	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185203.
56	2011	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185202.
57	2011	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> female- NCBI Accession Number, JN185201.
58	2011	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> female- NCBI Accession Number, JN185200.
59	2011	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> female- NCBI Accession Number, JN185199.
60	2011	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185198.
61	2011	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, JN185197.
62	2010	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> male- NCBI Accession Number, HQ693563.
63	2010	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, HQ693556.
64	2010	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> male- NCBI Accession Number, HQ693562.
65	2010	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> male- NCBI Accession Number, HQ693561.
66	2010	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> male- NCBI Accession Number, HQ693560.
67	2010	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta albomicans</i> male- NCBI Accession Number, HQ693559.

68	2010	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, HQ693558.
69	2010	Bijaya T. and <b>NB Ramachandra</b> gDNA sequence contigs of <i>Drosophila nasuta nasuta</i> male- NCBI Accession Number, HQ693557.
70	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> strain Coorg copper/zinc superoxide dismutase(SOD1 gene, complete cds. Accession No. FJ554532.
71	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila albomicans</i> strain Okinawa copper/zinc superoxide dismutase (SOD1 gene, complete cds. Accession No. GU300109.
72	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> strain Cytorace-2 copper/zinc superoxide dismutase (SOD1 gene, complete cds. Accession No. HQ326578.
73	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> strain Cytorace-3 copper/zinc superoxide dismutase (SOD1 gene, complete cds. Accession No. HQ326579
74	2010	Ranjini M. S. and <b>NB Ramachandr</b> <i>Drosophila nasuta</i> strain Cytorace-9 copper/zinc superoxide dismutase (SOD1 gene, complete cds. Accession No. HQ326580.
75	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> strain Cytorace-11 copper/zinc superoxide dismutase (SOD1 gene, complete cds. Accession No. HQ32658.
76	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> strain Cytorace-15 copper/zinc superoxide dismutase (SOD1 gene, complete cds. Accession No. HQ326582.
77	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> strain Cytorace-16 copper/zinc superoxide dismutase (SOD1 gene, complete cds. Accession No. HQ326583.
78	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> strain Coorg histone deacetylase (Rpd3 gene,complete cds. Accession No. HQ323752.
79	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila albomicans</i> strain Okinawa histone deacetylase (Rpd3 gene, complete cds. Accession No. HQ326584.
80	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> strain Cytorace-2 histone deacetylase (Rpd3 gene, complete cds. Accession No. HQ379189.
81	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> strain Cytorace-3 histone deacetylase (Rpd3 gene, complete cds. Accession No. HQ379190.
82	2010	Ranjini M. S. and <b>NB Ramachandra</b>

		<i>Drosophila nasuta</i> strain Cytorace-9 histone deacetylase (Rpd3 gene, complete cds. Accession No. HQ379191.
83	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> strain Cytorace-11 histone deacetylase (Rpd3 gene, complete cds. Accession No. HQ379192.
84	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> strain Cytorace-15 histone deacetylase (Rpd3 gene, complete cds. Accession No. HQ379193.
85	2010	Ranjini M. S. and <b>NB Ramachandra</b> <i>Drosophila nasuta</i> strain Cytorace-16 histone deacetylase (Rpd3 gene, complete cds. Accession No. HQ379194.

**v DOCUMENTATIONS/ BOOKS: 16**

<i>Sl No</i>	<i>Year</i>	<i>Details of publications</i>
1-2	2020	<b>Ramachandra NB</b> Two MHRD-CEC- MOOC online 4 credit courses developed – <b>Human Genetics and Principles of Genetics</b> for Undergraduate students of Life Sciences, India
3	2014	<b>Ramachandra NB</b> <b>GENOME DATABASES</b> - 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, <b>University of Mysore Genome Centre</b> , University of Mysore Home page, <a href="http://umgc.uni-mysore.ac.in/">http://umgc.uni-mysore.ac.in/</a> .
4	2012	<b>Ramachandra NB</b> <b>Document on DROSOPHILA STOCK CENTRE</b> – A National Facility, 1990-2012, University of Mysore, DOS in Zoology, Mysore, Compiled on September 2012
<b>Chapter in international book – 01</b>		
5	2011	Prakash Padakannaya and <b>NB Ramachandra</b> “ <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>
<b>Chapters for academic courses- 11</b>		
6-7	2007	<b>Ramachandra NB</b> Two lessons on (1 <b>Genetic engineering</b> and (2 <b>Gene expression and Selection</b> to teach M.Sc. Microbiology Distance Education course in Karnataka State Open University, Mysore.
8-10	2005	<b>Ramachandra NB</b> Three lessons, (1 <b>Population genetics and Evolution</b> , (2 <b>Developmental Genetics</b> , (3 <b>Human genetics</b> , to teach M.Sc., Biotechnology Distance Education course in Karnataka State Open University, Mysore.
11-15	2003	<b>Ramachandra NB</b> Five lessons, (1 <b>Transgenic organisms</b> , (2 <b>Mapping of the genomes</b> , (3 <b>Genome analysis</b> , (4 <b>Population genetics</b> and (5 <b>Somatic cell genetics</b> , to teach M.Sc., Applied Zoology Distance Education course, Kuvempu University, Shimoga.
16	1999	<b>Ramachandra NB</b> “ <b>Genetic Engineering</b> ”, Teachers manual on Teaching Biology at +2 level. Academic Coordinator, Prof. L. Srikanthappa, <i>Regional Institute of Education, NCERT, Mysore.</i>

## II DETAILS OF SEMINARS AND CONFERENCES ACTIVITIES: 281

### a) Organizer/Convener of Conference/Seminar/ Workshop/Inaugural function: 42

Sl. No.	Status as organizer	Title of the Conference/ Seminar / Workshop	Date
1)	Inaugurated and delivered talks	Workshop on faculty and student empowerment at Cauvery College of Virajpet, Kodagu	22.07.2023
2)	Inaugurated and delivered talks	Workshop on faculty and student empowerment at Cauvery College of Gonicoppa, Kodagu	21.07.2023
3)	Honoured Guest	International Conference on recent advances in Genetics and Genomics on the occasion of superannuation of Prof. N.B.Ramachandra	19 <sup>th</sup> to 20 <sup>th</sup> Feb. 2021
4)	Organizing Chairman	Inauguration of Post Graduate Diploma in Personalized Genomic Medicine and One day Symposium on Genomic Medicine	28.12.2019
5)	Organizing Chairman	<b>The 3<sup>rd</sup> Annual Life Sciences Quiz Competition</b> (for University of Mysore M.Sc. Students)	04.05.2019
6)	Organizing Chairman	International women day celebration , DOS in genetics and genomics	08.03.2019
7) 8)	Organizing Chairman	<b>The 3<sup>rd</sup> Annual Life Sciences Quiz Competition</b> (for University of Mysore M.Sc. Students and others)	23.02.2019
9)	Convener and inaugurated	Science Academies' sponsored two days lecture workshop on " <b>Genetics - the Basis of Life</b> " at SDM College, Ujire, Mangaluru	28.09.2018 to 29.09.2018
10)	Convener and inaugurated	Science Academies' sponsored two days lecture workshop on " <b>Changing concepts in Life Sciences</b> " at Bharathi College, Bharathinagar, Mandya	07.09.2018 to 08.09.2018
11)	Organizing Chairman	<b>The 2<sup>nd</sup> Annual Life Sciences Quiz Competition</b> (for University of Mysore M.Sc. Students)	23.02.2018
12)	Convener and inaugurated	Science Academies' sponsored two days lecture workshop on "Genomics, Transcriptomics and Beyond" at Mangalore University, Mangaluru	09.11.2017 to 10.11.2017
13)	Convener and inaugurated	Science Academies' sponsored two days lecture workshop on "New Horizons in	05.07.2017 to

		Genome Engineering” at Coimbatore, Tamil Nadu	06.07.2017
14)	Organizing Chairman	Seminar on” Nobel Prize in Medicine 2017: Drosophila Yet Again”	11.10.2017
15)	Organizing Chairman	<b>The 1<sup>st</sup> Life Sciences Research Symposium</b> (for University of Mysore MSc Students	19.05.2017
16)	Organizing Chairman	<b>The Ist Annual Life Sciences Quiz Competition</b> (for University of Mysore M.Sc. Students	28.04.2017
17)	Organizing Chairman	<b>Flash-Mob and street play</b> 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
18)	Organizing member	Inauguration of new building of department of Genetic and Genomics, Univ. of Mysore, MGM	01.12.2016
19)	The organizing LOCAL SECRETARY	103 <sup>rd</sup> Indian Science Congress 2016 Organized by University of Mysore (2014- 2016	03.01 2016 to 07.01 2016
20)	One of the Organizer for Curtain Raiser- Industry & Press Meet for the 103 <sup>rd</sup> Indian Science Congress- Pride of India Expo-2016	MM Activ, Sci-Tech Communications, Bengaluru	04.11.2015
21)	Organizing Chairman	Inaugural function of department of Genetic and Genomics, Plenary talks and Panel discussion	10.10.2015
22)	One of the mentors of the organizing committee, Univ. of Mysore, Mysore	10 <sup>th</sup> Kannada Vignana Sammelana	15.09.2014 to 17.09.2014
23)	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



24)	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 <sup>th</sup> - 17 <sup>th</sup> 2012
25)	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 <sup>th</sup> -17 <sup>th</sup> 2011
26)	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 <sup>th</sup> Annual meeting of the society for reproductive biology and comparative endocrinology- 2011	February 10 <sup>th</sup> -12 <sup>th</sup> 2011
27)	One of the Organizers, Unit on Evolution and Genetics, DOS in Zoology, Univ. of Mysore	Sixth Drosophila meeting	November 19 <sup>th</sup> -20 <sup>th</sup> 2010
28)	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 <sup>rd</sup> -4 <sup>th</sup> Dec. 2009
29)	One of the Organizers, DOS in Zoology, University of Mysore	National Conference on Recent trends in Animal physiology	29 <sup>th</sup> -30 <sup>th</sup> Oct. 2009
30)	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 <sup>th</sup> - 1 <sup>st</sup> June, 2009
31)	One of the Organizers, Unit on Evolution and Genetics, DOS in Zoology, University of Mysore	Darwin’s 200 <sup>th</sup> Birth anniversary celebrations	May 25 <sup>th</sup> -26 <sup>th</sup> , 2009
32)	One of the Organizers, Unit on Evolution and Genetics, DOS in Zoology, Univ. of Mysore	Fifth Drosophila meeting	March 28-29 <sup>th</sup> 2008
33)	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 <sup>st</sup> , 2007
34)	One of the Organizers, Unit on	Workshop on “Phylogenetic Biology”	July 3 <sup>rd</sup> to

	Evolution and Genetics, DOS in Zoology, Univ. of Mysore		18 <sup>th</sup> , 2006
35)	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 <sup>th</sup> , Jan., 2006
36)	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 <sup>th</sup> 2004
37)	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 <sup>th</sup> Nov. 2003
38)	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
39)	One of the Members of organizing committee, Department of Zoology, Univ. of Innsbruck, Austria.	Course on Genetics and Development	23 days June 2001
40)	Member of the organizing committee, Organized by Drosophila Stock Centre	Interaction meeting on “Chromosomes and evolution”	August, 1997
41)	Member of the organizing committee, Organized by Drosophila Stock Centre	Fourth Drosophila meeting	March, 1997
42)	Member of the organizing committee, Organized by Drosophila Stock Centre	Third Drosophila meeting	March, 16-18 <sup>th</sup> , 1995
43)	Member of the organizing committee, Organized by Drosophila Stock Centre	Drosophila meeting	August 5-6 <sup>th</sup> , 1993
44)	Member of the organizing	Orientation course on Cytogenetics of	May 24 <sup>th</sup> -

	committee, Organized by Drosophila Stock Centre	<i>Drosophila</i> for College teachers	29 <sup>th</sup> , 1993
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**b. Conference/Seminar/workshop/Science Exhibition Chaired/ Inaugurated: 28**

<i>Sl. No.</i>	<i>Title of the Conference / seminar</i>	<i>Organized by</i>	<i>Date</i>
1)	Inauguration as Chief Guest of Seri Vigyan Day and Seri Expo	Central Sericultural Research and Training Institute, Mysuru	22.02.2023
2)	Inauguration as Chief Guest of Two days Science Academies Lecture Workshop on “Recent Trends in Genetics”	Sponsored by Indian Academy of Sciences, Bengaluru and Government College for Men (A), Kadapa, AP	19 <sup>th</sup> and 20 <sup>th</sup> January 2023
3)	Inauguration as Chief Guest of Two days Science Academies Lecture Workshop on “Recent Advances in Life Sciences”	Sponsored by Indian Academy of Sciences, Bengaluru and Sarada Vilas College, Mysuru	1 <sup>st</sup> and 2 <sup>nd</sup> December 2022
4)	Chaired a session in the First south zone conference of Indian Academy of Biomedical Sciences and international symposium on translational research – Day 1-Session II	Department of Studies in Genetics and Genomics, University of Mysore, Mysuru	08.09.2022
5)	Chaired a session in the 7 <sup>th</sup> annual (International) conference BGCI 2022 – Day 2-Session 2: Genetic Counseling in Cardiology/common Complex Disorders	JSS Academy of Higher Education & Research Mysuru	02.07.2022
6)	Chaired a session of Indo-US workshop on “Molecular epidemiology of infectious diseases: Translational Research from bench to bedside to the field”	JSS Academy of Higher Education & Research Mysuru	21.03.2022
7)	Inauguration as Chief Guest of Two days Science Academies Virtual Lecture Workshop on “Recent development in Biotechnology”	Sponsored by Indian Academy of Sciences, Bengaluru and Nehru Arts and Science College, Coimbatore	3rd and 4th March 2021
8)	Inauguration as Chief Guest of Science Academies Virtual Lecture Workshop on	Sponsored by Indian Academy of Sciences, Bengaluru and organized	26-28 Nov. 2020

	“Genomics and the fight against infectious diseases”	by PG and Research Department of Microbiology Hindusthan College of Arts and Science Coimbatore	
9)	Inauguration and Key note address Workshop on “Bioinformatics and its applications in Biological Research”	Central Sericultural Research and Training Institute, Mysuru	Inaugurated 25.03.2019
10)	National Science day Talk: Genomic variations and their implications in human Health	JSS Academy of Higher Education and Research, JSS University	Chief Guest on 28.02.2019
11)	Celebration of <b>153<sup>rd</sup> Birth anniversary of T.H. Morgan</b> , Geneticist and Nobel laureate	DOS in Genetics and Genomics, MGM	Inaugurated on 25.09.2018
12)	Workshop on Embryo biopsy and Pre- implantation genetic diagnosis	Asia Pacific Institute of Embryology, Mysuru at Hotel Southern Star, Mysuru	Inaugurated as Chief Guest on 15.10.2017
13)	One of the Co-Chair persons of the Nobel laureate session of Sir. John Gurdon and Dr. Manjul Bhargava	103 <sup>rd</sup> Indian Science Congress 2016 Organized by University of Mysore	Co-Chaired 04.01 016
14)	Indo-US Conference on Emerging Trends in Health Care: Lessons from Clinical and Translational research	JSS University, Mysuru	Chaired a Plenary session on 14.09.2015
15)	National Seminar on Life & Life processes: Sustainable development	Department of Zoology Goa University, GOA	Chaired a session of paper presentations on 21.2.2015
16)	10 <sup>th</sup> Kannada Vignana Sammelana	University of Mysore	Chaired the Session – Palineeyam on 17.09.2014
17)	Eco Club -2014 in the eve of Mendel’s 193 <sup>rd</sup> 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
18)	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

19)	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
20)	Indo-US Symposium on Molecular Pharmacology and Applied Therapeutics	JSS University, JSS Medical College, Mysore 15	Chaired a session Lecture-11 6 <sup>th</sup> -7 <sup>th</sup> Nov 2012
21)	Science Exhibition	S.B.R.R. Mahajana First Grade College Jayalakshmipuram Mysore 570012	Inaugurated as Chief Guest on 09.03.2012
22)	50 Years of Down syndrome: Cytogenetics, Clinical Management and New Research (12 <sup>th</sup> -14 <sup>th</sup> Nov 2010	Centre for Human Genetics Bangalore	Chaired a session 14.10.10
23)	Workshop cum training on Bioinformatics	Department of Bioinformatics Karnataka State Women University, Jnanashakti Campus, Bijapur	Inaugurated as Chief Guest on 28.03.2010
24)	CME in Biochemistry – Bio-gene (04.03.2010)	Department of Biochemistry, Mysore Medical College and Research Institute	Chaired Medical Genetics session 04.03.2010
25)	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
26)	Darwin’s 200 <sup>th</sup> Birth anniversary celebrations	Unit on Evolution and Genetics, DOS in Zoology, University of Mysore.	Chaired V session 26.05.2009
27)	Darwin’s 200 <sup>th</sup> Birth anniversary celebrations	Unit on Evolution and Genetics, DOS in Zoology, University of Mysore.	Chaired VIII session 26.05.2009
28)	XXXIII Annual conference of the ISHG and International symposium on “Genetics revisited: the Genomics and Proteomics advantage” (February 11 <sup>th</sup> -13 <sup>th</sup> 2008	Andhra University Department of Human Genetics, Vishakapatnam, Andhra Pradesh.	Chaired Session-XV Feb.13, 2008

**c Paper presented / Plenary/Invited Webinar talks / Invited Lectures delivered in Conference/ Seminar:**

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<i>Sl.No.</i>	<i>Conference/Seminar/ summer Institute/ workshop</i>	<i>Sponsors/ Organized</i>	<i>Duration &amp; Year</i>	<i>Title of the Talk/ Paper presented</i>
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1)	Guest Lecture	Shri B. M. Patil Medical College, Hospital and Research centre, Vijayapura, BLDE University (deemed to be university)	15.05.2023	Know Your Genome
2)	Guest Lecture	Asia Pacific Institute of Embryology, Mysuru	18.04.2023	Genomics and its applications
3)	Two-day National Conference on Advances in Biotechnology and Nanotechnology	Department of Biotechnology and Microbiology, Karnatak University, Dharwad	14-15 <sup>th</sup> March 2023	Invited talks: 1) "Discovery of Pseudoautosomal region 3 (PAR3) and its implications on human health" 2) Personalized Genomic Medicine
4)	15 <sup>th</sup> Refresher Course in Life Sciences (Online)	UGC-Human Resource development centre, University of Mysore	13.02.2023	Invited talk : Know your Genome
5)	Refresher Course in Life Sciences (Inter/Multi-disciplinary) - ONLINE	UGC- Human Resource development centre, Goa University	14.01.2023	Invited talk: 1) Genetics Today 2) Know your genome
6)	First south zone conference of Indian Academy of Biomedical Sciences and international symposium on translational research	Department of Studies in Genetics and Genomics, University of Mysore, Mysuru	08.09.2022	Impact of copy number variations on human health
7)	Special talk on the occasion of 200 <sup>th</sup> Birth Anniversary of Gregor Mendel	Department of Studies in Genetics and Genomics, UOM	01.08.2022	Genetics Today
8)	200 <sup>th</sup> Birthday of Gregor Mendel National Level Webinar	MYSORE SCIENCE FOUNDATION (R) National Council of Teacher Scientist	30.07.2022	Impact of Mendelism on Society Today
9)	UGC Sponsored Webinar on NEP 2020	HRDC, University of Mysore	23.07.2022	Good Academic Research Practices/Academic Research Integrity

10)	Gregor Johann Mendel's 200 <sup>th</sup> Birth Anniversary Celebrations	Department of Studies in Zoology, University of Mysore	19.07.2022	Human complex genetic diseases: Our study in two decades
11)	Refresher Course in Life Sciences	HRDC, Bangalore University, Bengaluru	07.07.2022	Personalized genomic medicine I and II
12)	University of Mysore Zoological Society Activities invited talk	Department of Studies in Zoology, University of Mysore, Manasagangotri, Mysore	11.05.2022	Invited talk "Evolution By Natural Selection or Random walk or Both?"
13)	Hands on workshop on advanced <i>Drosophila</i> genetics	Department of Studies in Genetics and Genomics	24.04.2022	Exciting Research in <i>Drosophila</i> : Adaptive genome evolution during four decades (1982-2022)
14)	Two days training programme on "Writing Research Proposals"	SCSP/TSP cell, GOK at Veterinary College, Hassan	11. 03.2022	Two special talks on "Overview of current Academic research strategies"
15)	Faculty Training Program on Advanced Techniques in Genetic Engineering and Immuno-technology	Department of Biosciences, Mangalore University, Mangalore	15.02 2022	Invited talk: DNA Profiling (Online)
16)	213 <sup>th</sup> Birth anniversary of Charles Darwin	Department of Studies in Genetics and Genomics, University of Mysore	12.02.2022	Inaugural talk: "Evolution By Natural Selection or Random walk?"
17)	Workshop on Bioinformatics Tools and Techniques (February 7-13, 2022)	Department of Studies in Genetics and Genomics, University of Mysore	07.02.2022	Invited talk: Genomic Medicine Today
18)	Refresher Course in Life Sciences (Inter/Multi-disciplinary) - ONLINE	UGC- Human Resource development centre, Goa University	13.01.2022 to 14.01.2022	Invited talk: 1) Personalized Genomic Medicine I 2) Personalized Genomic Medicine II

19)	Two days International Conference on “Emerging Perspectives in Biotechnology”	Department of Biotechnology V.G.Shivdare College of Arts, Commerce and Science, Solapur	06.01.2022	Invited talk: “Genomic Medicine”
20)	25 <sup>th</sup> Refresher Course in History (Online on Multi-disciplinary approach to Historical Research	UGC-Human Resource Development Centre, University of Mysore, Manasagangotri, Mysore	15.03.2021	Applications of Genetics to Human Welfare
21)	Two days Science Academies Virtual Lecture Workshop on “Recent development in Biotechnology”	Sponsored by Indian Academy of Sciences, Bengaluru and Nehru Arts and Science College, Coimbatore	3rd and 4th March 2021	1) Over View of Genomics 2) Personalized Genomic Medicine
22)	Webinar Series in Zoology	Department of Zoology, Sri Adichunchanagiri First Grade College Channarayapatna, Hassan District, Karnataka	28.12.2020	Special Talk on “Basic Principles of Genetics”
23)	Refresher course in Life Sciences (Interdisciplinary	HRDC, Bangalore University, Bengaluru	21.12.2020	Two Talks on “Genomic Variations and their implications on human health”
24)	Science Academies Lecture Workshop on “Genomics and the fight against infectious diseases”	Indian Academy of Sciences, Bengaluru, organized by PG and Research Department of Microbiology Hindusthan College of Arts and Science Coimbatore	26-28 Nov. 2020	1) Genomic Variations 2) Genomic Medicine
25)	2 <sup>nd</sup> Webinar - Coronavirus: Research Opportunities and Challenges in the Present and Future Scenario	Central University of Karnataka, Kalburgi, India	05.08.2020	Genetics of COVID - 19



26)	Webinar on current trends in Life Science Zoom Meeting - <a href="http://shorturl.at/bfpq9">shorturl.at/bfpq9</a>	Department of Life Sciences, Bangalore University, Bengaluru	27.07.2020	Genomics and its applications
27)	Webinar series on Research Careers in Biological Sciences, <a href="http://meet.google.com/sf-v-crld.upu">http://meet.google.com/sf-v-crld.upu</a>	Organized by Department of Zoology and Genetics and Genomics, University of Mysore	21.07.2020	Where do we stands today
28)	Webinar talk by Webex meeting	The Centre for Applied Genetics, Bangalore University, Bengaluru	20.07.2020	Inauguration as Chief Guest of Two days Science Academies Virtual Lecture Workshop on “Recent development in Biotechnology”
29)	Two days Webinar- Focus on COVID-19: AN EXPERT Hub Zoom meeting	Organized by Department of Zoology and Genetics and Genomics, University of Mysore	12.06.2020	Genetics of COVID - 19
30)	Expert Scientific Opinion	Organized by TV9 , Kannada News Channel	06.06.2020	Corona Virus and A blood group
31)	Panel Discussion -“India’s First Virtual AI conference - Artificial Intelligence Fest-2020	Organized by Orbit Shifters, Hyderabad. <a href="http://www.ai-fest.in">www.ai-fest.in</a>	03.05.2020	How AI is impacting Healthcare:”
32)	Refresher course in Life Sciences	UGC-Human Resource Development Centre, University of Mysore	24.01.2020	Invited talks: Know your Genome 1 & 2
33)	Refresher course in Life Sciences	UGC-Human Resource Development Centre, Goa University, Goa	25.11.2019	Invited talks: Know your Genome 1 & 2
34)	National Workshop on “Applications of Digital PCR and SE3 cell sorter in Life sciences”	Institute of excellence University of Mysore	21.11.2019	Invited talks:Genomics and its applications
35)	Workshop on “From Nutrigenetics to Personalized Nutrition”	Department of Food Science and Nutrition, University of Mysore,	23.08.2019	Invited talks:Genomics and its applications

		Mysore		
36)	Inter-Disciplinary Refresher course in Research Methodology in Sciences	Human Resource Development Centre, Karnatak University, Dharwad - 580 003	23.03.2019	Invited talks: 1 Genetics Today: how we are different from others 2) Know your genome
37)	Seminar	Department of Applied Genetics, Karnatak University, Dharwad	23.03.2019	Genomic variations and its implications
38)	84 <sup>TH</sup> Annual Meeting	Indian academy of Sciences, Bengaluru, Hosted by Banaras Hindu University, Varanasi	2-4 November 2018	Impact of Copy number Variations in Genome organization, Diseases and Evolution
39)	Refresher Course in Life Sciences	UGC- Human Resource development centre, Goa University	02.10.2018 to 3.10.2018	1 Genomic variations 2 Genomic Medicine
40)	Two day Science lecture series program of Karnataka Science & Technology Academy, Bengaluru	Pooja Bhagavat Memorial Mahajana Post Graduate Centre, Mysuru -03	19.09.2018	Invited talk on Genomic variations
41)	International conference on “Genome Biology 2018: Mechanisms in Health and Disease”	Department of Biochemistry, Indian Institute of Sciences, Bangalore	13 to 14 <sup>th</sup> July 2018	Invited talk on “Genomic approaches in the diagnosis of Type 2 Diabetes”
42)	Orientation course for NSS Officers of Karnataka State Universities	Karnataka State Open University, Manasagangotri, Mysuru	07.03.2018	Talk on “Know your genes”
43)	Orientation course for NSS Officers of Karnataka State Universities	Karnataka State Open University, Manasagangotri, Mysuru	27.02.2018	Talk on “Know your genome”
44)	One of the Members of the organizing committee, DOS in Zoology, Univ. of Mysore	National Workshop and Hands on training on “Teaching and Learning Biology with <i>Drosophila</i> ” organized by Drosophila stock Centre, DOS in Zoology, UOM	26 <sup>th</sup> -28 <sup>th</sup> Feb. 2018	Talk on “Genetic basis of sex determination in <i>Drosophila</i> ”

45)	Refresher Course in Life Sciences Biotechnology	Academic Staff College Jnana Bharathi Bangalore University Bengaluru	24.02.2018	Talks on 1 Diversity of Genomes, 2 know your Genome
46)	Science Academies' sponsored two days lecture workshop on "New Horizons in Genetics"	Department of Zoology, Yogi Vemana University, Kadapa, A.P.	7 <sup>th</sup> - 8 <sup>th</sup> Feb. 2018	Talks on 1 Recent Understanding of Genomic Variations 2 Personalized genomic Medicine
47)	International conference on current trends in advanced Biomedical Technology	Organized by Department of Biotechnology, Nehru Arts and Science College, Kuniamuthur, Coimbatore, Tamil Nadu	24 <sup>th</sup> to 25 <sup>th</sup> Dec. 2017	Personalized Genomic Medicine
48)	98 <sup>th</sup> Orientation program	UGC- Human Resource development centre, Goa University	01.12.2017 to 2.12.2017	1 Where we stands today 2 Presentation skills 3 genetics Today 4 Know your Genome
49)	Science Academies' sponsored two days lecture workshop on "Genomics, Transcriptomics and Beyond"	Organized by Department of Biosciences, Mangalore University Mangaagangotri Mangaluru	9 <sup>th</sup> to 10 <sup>th</sup> Nov, 2017	Talks on 1 Recent understanding of Genomic variations 2 Genomic Medicine
50)	Workshop on Embryo biopsy and Pre-implantation genetic diagnosis	Asia Pacific Institute of Embryology, Mysuru at Hotel Southern Star, Mysuru	15-16 October 2017	Genetic Counseling and its role in Pre-implantation genetic diagnosis
51)	National workshop SCHOLAR SUMMIT on "Initiatives for Excellence in Academic Research"	Organized Internal Quality Assurance Cell (IQAC by, St. Joseph's College (Autonomous, Irinjalakuda, Thrissur, Kerala	27 <sup>th</sup> July 2017	Keynote address on "Initiatives for Excellence in Academic Research"
52)	Convener -Science Academies' sponsored two days lecture workshop on "New Horizons in Genome Engineering"	Organized by Department of Biotechnology, Nehru Arts and Science College, Kuniamuthur, Coimbatore, Tamil Nadu	5 <sup>th</sup> to 6 <sup>th</sup> July, 2017	Talks on 1 Diversity of Genomes 2 Personalized genomic Medicine

53)	Science Academies' sponsored two days lecture workshop on "Genetics To-day"	Organized by Department of Zoology, St. Xavier's college (Autonomous, Palayamkottai, Tamil Nadu	6 <sup>th</sup> to 7 <sup>th</sup> March, 2017	Talks on 1 Diversity of Genomes 2 Strategies to unravel human complex genetic diseases
54)	12 <sup>th</sup> 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"
55)	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
56)	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"
57)	Refresher Course in Life Sciences Biotechnology	Academic Staff College Jnana Bharathi Bangalore University Bengaluru	05.07.2016	Talk on "A view on Human Genomics"
58)	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
59)	Special Lecture	Organized by P.G Department of Biotechnology & Microbiology, Kamatak University, Dharwad	25.02.2016	Talk on "Genomics Today"
60)	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?"
61)	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 transcriptomic approach to

				design personalized genomic medicine”
62)	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”
63)	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”
64)	Refresher Course in Biotechnology	Academic Staff College Jnana Bharathi Bangalore University Bengaluru	03.03.2015	Resource person to Talk on “Recent advances in Genomics”
65)	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”
66)	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

67)	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>
68)	Seminar for Life Science Students	Department of Zoology, JSS College of Arts, Commerce & Science, Mysore	04.02.2015	Invited Talk on “Challenges for the Students in the 21 <sup>st</sup> century”
69)	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”
70)	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
71)	102 <sup>nd</sup> 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>
72)	One day symposium on Human Cytogenetics and Genetic Toxicology	School of Life sciences, Manipal University, Manipal, Karnataka	10.12.2014	Genetics of Dyslexia
73)	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 transcriptomic approach to design personalized genomic medicine”
74)	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 transcriptomic approach to

				design personalized genomic medicine”
75)	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”
76)	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
77)	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”
78)	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 <sup>th</sup> 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”
79)	Refresher course in Life Sciences	School of Biological Science, Bangalore University, Bangalore	01.04.2014	Recent developments in Genomics
80)	Invited Talk	Dept. of Biotechnology ad Bioinformatics, Karnataka women University, Bijapur	27.03.2014	Know your genome
81)	Invited Lectures	Dept. of Biotechnology, Karnatak University, Dharwad	26.03.2014	Heterologous gene expression and RNAi
82)	<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>
83)	Refresher course in Life Sciences	Organized by Academic Staff College, Univ. Mysore,	10.02.2014	Human Genome Analysis: Copy Number Variations
84)	Refresher course in Life	Organized by Academic	03.02.2014	Know your Genome

	Sciences	Staff College, University of Mysore, Mysore		
85)	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
86)	Refresher course in Life Sciences	Organized by Academic Staff College, University of Mysore, Mysore	23.02.2013	Talk on “Genomics”
87)	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> ”
88)	National conference on “ Environmental Sciences and Health Hazards”	Department of Studies in Biotechnology and Microbiology, Karnatak University, Dharwad	19-21 <sup>ST</sup> November 2012	Invited talk on “Olfactory Repertoire is Redundant in Humans in Relation to Environment and Health”
89)	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 <sup>th</sup> April 2012  10.04.2012	Invited talk on “Unraveling the complexity of developmental dyslexia : An integrated approach”
90)	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 <sup>rd</sup> April 2012  02.04. 2012	Invited talk on "How relevant is the western data from an Indian context? Investigations of complex genetic disorders"
91)	Seminar on Preparation of Research Proposals and Funding Agencies	JSS Autonomous College, University of Mysore, Mysore	17.03.2012	Invited talk on “Preparation of Research Proposals and Funding Agencies”
92)	Three days faculty development programme for UG teachers in the subject Biotechnology	Karnataka State Open University, Manasagangotri, Mysore and Vision group on	15-17 Feb. 2012  16.02.2012	Talk on “Know your genes and genomes”



		Science and Technology, Govt. of Karnataka, Bangalore		
93)	Training on Emerging pedagogies and Assessment Practices in Biology for senior secondary teachers of 4 regions KN, TN, AP & LD	Regional Institute of Education, Mysore	02.02.2012	Talk on “ Tools of Genetic Engineering”
94)	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> ”
95)	Refresher course in Life Sciences	Organized by Academic Staff College, University of Mysore, Mysore	14.12.2012	Talk on “Genomics”
96)	12 <sup>th</sup> 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”
97)	Frontier Lecture Series on Science and Technology on the occasion of 150 <sup>th</sup> 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”
98)	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”
99)	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 <sup>th</sup> May - 19.5.2011	Interactive Lecture on “Know Your Genes” At Session 7th

		Bangalore University, Bangalore		
100)	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”
101)	First Refresher course in Life sciences	Academic Staff College, Kannur University, Kerala	11.03.2011	Two invited talks on Human genomics
102)	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
103)	Vision group Inter University subject wise meeting of Life Sciences	Department of Applied Genetics, Karnatak University, Dharwad	19-20 <sup>th</sup> Feb. 2010	Inter University possible research proposals in Human Genetics
104)	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
105)	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
106)	National Symposium on “Role of Biology and Biotechnology in conservation of biodiversity and sustainable development”	Department of Botany, Gulbarga University, Gulbarga	23.12.2009	Invited Lecture on “Techniques used in Gene Screening: An Overview”
107)	Workshop on Biotechnology	Karnataka State Women University, Bijapur	27-28 .10. 2009	Invited talk on Genetic Engineering I and II
108)	Workshop on	Shri Dharmasthala	06.10.2009	Invited talk on “Genetic

	Biotechnology	Manjunatheswara Mahila Maha Vidyalaya, Mysore		disorders in Indian context”
109)	Seminar	PG Department of Biotechnology, Oxford college, B’lore	6.9. 2009	Talk on “DNA Labeling”
110)	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”
111)	National workshop on Bioinformatics and its applications	Department of Studies in Biotechnology and Microbiology, Karnatak University, Dharwad	28-30 <sup>th</sup> March 2009	Invited talks on 1DNA sequencing techniques 2 Human Genome Project
112)	Workshop on techniques in Biotechnology	Autonomous JSS College of Arts, Commerce and Science, Mysore	6.3.2009	Invited talk on “Genomics”
113)	One day workshop on” Integrative Biological Sciences	School of Biological Sciences, Bangalore University, Bangalore	14.02.2009	Special talk on “Human genetics”
114)	Seminar	Microbiology Society, Maharani’s Science college for Women, Mysore	10.12.2008	Special Lecture on “Gene Silencing”
115)	Seminar	PG department of Biotechnology, Oxford college, Bangalore	Oct. 2008	Talk on Gene Isolation
116)	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”
117)	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 <sup>th</sup> 2008	Plenary talk on “Candidate genes involved in the septal development in the human heart”
118)	2 <sup>nd</sup> National conference on Biotechnology for rural industrial development	Gulbarga University, Department of Biotechnology	January 17-19 <sup>th</sup> 2008	Lead Lecture on “ Aged grandmother - unhealthy children: A

		Gulbarga		Genetic analysis”
119)	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”
120)	Workshop	Maharani’s College, Bangalore	Oct. 2007	Human genome project
121)	Seminar	PG department of Biotechnology, Oxford college, Bangalore	Oct. 2007	Talk on “Gene cloning”
122)	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”
123)	Seminar of Louis Pasteur Society	Microbiology Section, DOS in Botany, Univ. of Mysore.	March 2007	Special talk on “Genomics”
124)	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”
125)	International conference and workshop on genetics: The basis and diagnosis of genetic disorders	Sri Ramachandra University, Chennai, India.	February 2007	Paper presented: “Sex chromosomal aneuploidy and advanced maternal grandmother age
126)	Seminar	Botanical Society, DOS in Botany, Univ. of Mysore.	February 2007	Special talk on “Strategies for gene isolation”
127)	Seminar	PG department of Biotechnology, Oxford college, B’lore	Oct. 2006	Talk on Biotechnology
128)	Seminar	Government College, K.R.Nagar. Mysore Dist.	Oct. 2006	Invited talk on DNA- Past, present and future
129)	Orientation Course	Kendriya Vidyalaya Mysore.	Aug 2006	Special talk on “Recombinant DNA Technology”
130)	Workshop	Mahajana College, Mysore.	September 2006	Special talk on “Future of DNA Technology”

131)	Biospectrum-2006	P.G. Department of Microbiology and Biochemistry, Cauvery campus, Mangalore University, Madikeri.	2 days 4-5 <sup>th</sup> March 2006	Invited speaker- “Human genome”
132)	Seminar on “Biotechnology”	Post- graduate Department of Biotechnology, JSS College of Arts, Commerce & Science, Mysore.	01.03.2006	Special talk on “Human Genome Project”
133)	Seminar on “Biotechnology”	Post –graduate centre of Pooja Bhagavat Memorial Mahajana Education centre, Mysore	20.02.2006	Special talk on ”Human genome”
134)	Inauguration of Seminar at College programme	S.L.H. Institute of Science, Commerce & Management, Mysore.	01.02.2006	Inaugural talk-“DNA: Past, Present Future”
135)	Methods in gene cloning	Department of Microbiology and Biotechnology, Bangalore Univ., Bangalore.	4 days 10-13 <sup>th</sup> , Jan. 2006	One of the organizers and resource person
136)	4 <sup>th</sup> Refresher course in Life Sciences from 5-25 <sup>th</sup> 2006	UGC-academic staff college, Univ. of Mysore, Mysore.	07.01.2006	Special talk on “Genomics”
137)	Seminar	PG department of Biotechnology, Oxford college, Bangalore.	Oct.2005	Talks on “Invitro packaging and Invitro translation”
138)	Refresher course in Zoology	Academic Staff college, Bangalore Univ. Bangalore.	23.09.2005	Talk on “Recombinant DNA technology”
139)	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”
140)	Workshop on II PU New syllabus 2005-06	Organized by Dept. of Pre-University Education Mysore District, Mysore at	Aug. 2005	Resource person- “Genetic Engineering”

		SBRR Mahajana Pr- University of College, Mysore.		
141)	National workshop on “Bioinformatics”	Department of Botany, Microbiology and Biotechnology, Yuvaraja College & CIST, Univ. of Mysore	Jan. 2005	Resource person- “DNA sequencing techniques”
142)	Workshop on “Developmental Biology”	Indian Academy of sciences, Bangalore and MRDG, IISc, Bangalore	Dec.14-20 <sup>th</sup> 2004	One of the organizer and resource person- “Fly early development, Segmentation genes”
143)	National workshop on Bioinformatics	Department of Biotechnology, Kuvempu University, Shimoga	Sep. 2004	Resource person- DNA sequencing
144)	Workshop on “Chromosome Biology of Insects”	Maharani’s Science College for women, Mysore under UGC sponsored 10 <sup>th</sup> plan scheme	3 days 29 <sup>th</sup> June 2004	Invited speaker- Techniques in Biology and Medicine
145)	Refresher course in Life sciences	Academic Staff college, Univ. of Mysore, Mysore.	20.2.2004	Special talks (two on “Genomics I & II”
146)	DNA special symposium	Centre for Applied Genetics, Bangalore University, Bangalore	2 days 15.01.2004	Invited speaker- Chromosomes and Evolution
147)	Refresher course in Zoology	Academic Staff college, Bangalore Univ. Bangalore.	22.12.2003	Invited talks (Two on “Gene cloning & Gene Isolation”
148)	Seminar for BE Biotechnology students	SJCE, Dept. of Environmental Engineering, Mysore.	20.11.2003	Special talk on “Heredity vehicle”
149)	Seminar	PG department of Biotechnology, Oxford college, Bangalore.	29.10.2003	Special talk on “ Gene cloning techniques”
150)	Seminar on “Biotechnology”	DOS in Biotechnology, Kuvempu University, Shimoga.	13.10.2003	Special talk on “DNA Darling of the media”
151)	National Symposium on Development and Reproduction	Indian society of developmental Biologists and Dept. of	2 days March 7-8, 2003	INVITED SPEAKER “Cloning and expression of two genes ( <i>brn 1</i> and

		Zoology, Karnatak University, Dharwad.		<i>brn 3 involved in brain development in flatworm</i>
152)	Intensive workshop on Bioinformatics	CSR&TI, Central Silk Board, Mysore.	5 days Feb. 3-7, 2003	Resource person “Genetic Engineering Tools”
153)	Seminar on “Genetic engineering Principles and applications”.	RIE, Mysore.	1 day Nov. 2002	Resource person
154)	Special talk on “Genome Sequence data analysis”	CIST, Univ. of Mysore.	1 day July 2002	Resource person
155)	Valedictory meetings of Biochemical society	Department of Studies in Biochemistry, Univ. of Mysore.	May 2002	Invited talk on HUMAN GENOME PROJECT
156)	Refresher course in Botany	Academic Staff college University of Mysore, Mysore.	27.09.2001	Special talk on Tools in recombinant DNA Technology
157)	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> ”
158)	3 <sup>rd</sup> Refresher course in Zoology	Academic Staff college University of Mysore, Mysore.	12.07.2001	Two Lecturers on “Human Genome Project and Genetic Engineering”
159)	Course on Genetics and Development	Department of Zoology, Univ. of Innsbruck Austria.	23 days June 2001	Resource person - Visiting Professor
160)	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
161)	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>
162)	Meeting on “Chromosomes and Evolution”	Prof. Francisco J. Ayala, University of California, Irvine, USA	1 day June 2000	Discussion
163)	41 <sup>st</sup> Annual Drosophila Research Conference, and	American Society of Genetics, Pittsburgh,	5 days March	<i>Role of dpp/sog and the homeobox genes vnd, ind</i>

	workshop on fly genome project	USA.	2000	<i>and msh in brain development.</i>
164)	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>
165)	DD 9 Channel Under Science education programme	AVRC, Univ. of Mysore, Mysore.	16.08.1999	Special television talk on "CLONING AND ITS IMPLICATIONS"
166)	Summer Seminar for schools and college students	SCIENCE FORUM, Mahajana education society, Mysore.	13.05.1999	Special lecture on "CLONING"
167)	Summer Seminar for school students	BREAKTHROUGH science forum Mysore chapter, Mysore.	12.05.1999	Special lecture on "CLONING"
168)	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>
169)	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>
170)	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>
171)	2nd Refresher course in Zoology	Academic Staff College, Univ. Mysore.	Sep. 1998	2 lectures on "Genetic Engineering"
172)	UGC sponsored Refresher course in Zoology and Botany	Gulbarga University, Gulbarga.	July 1998	Three Special Lectures on "Genetic Engineering"
173)	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>
174)	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
175)	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-</i>



				<i>albomicans</i> <i>complex of Drosophila</i>
176)	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"
177)	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>
178)	Seminar for Government Administrators	Administrative training Institute, Mysore.	5.10.1996	Special lecture on "DNA Fingerprinting"
179)	Third Drosophila meeting	Drosophila Stock Centre DOS in Zoology, University of Mysore, Mysore.	3 days March 1995	<i>Population differentiation. study with two strains of Drosophila albomicans &amp; of the Organizers</i>
180)	1st Refresher course in Zoology	Academic Staff College, University of Mysore, Mysore	8.02.1995	Special lecture on "Recombinant DNA Technology"
181)	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>
182)	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
183)	on "Stress Proteins and the Heat Shock Response"	Cold Spring Harbor Laboratory, New York, U.S.A.	3 days Apr. 1991	<i>Mammalian cell mutants affected in the major molecular chaperone proteins: Implications for in vitro microtubule assembly process</i>
184)	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>
185)	8 <sup>th</sup> All India Congress of "Cytology and Genetics"	Utkal University Bhubaneswar.	3 days Oct. 1984	<i>Different chromosomal strains of Drosophila nasuta albomicans and</i>

				<i>their adaptedness.</i>
186)	7 <sup>th</sup> 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: 25**

Sl. No.	Title of the Conference / seminar	Organized by	Date
1.	National Conference on reproduction and Endocrinology	DOS in Genetics and Genomics, University of Mysore, Mysore	28 <sup>th</sup> -30 <sup>th</sup> Dec 2021
2.	85 <sup>th</sup> Annual Meeting	Indian academy of Sciences, Bengaluru, Hosted by University of Hyderabad, Hyderabad	8-9 <sup>th</sup> November 2019
3.	30 <sup>th</sup> Mid-year Academy Meeting	Indian academy of Sciences, Bengaluru	29-30 <sup>th</sup> June 2019
4.	29 <sup>th</sup> Mid-year Academy Meeting	Indian academy of Sciences, Bengaluru	29--30 <sup>th</sup> June 2018
5.	28 <sup>th</sup> Mid-year Academy Meeting	Indian academy of Sciences, Bengaluru	30 <sup>th</sup> June - 1 <sup>st</sup> July 2017
6.	1 day workshop on Academic Administration	Organized by Academic Staff College, University of Mysore, Mysore	26.10.2013
7.	The human Genome: Then and Now	Organized by Centre for Human genetics, Bangalore	15.12.2012 to 16.12.2012
8.	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
9.	Stem Cell Meeting	Centre for Human Genetics, organized at JNCASR, Jakkur, Bangalore.	One day April 21 <sup>st</sup> , 2003
10.	Conference on BANGALORE BIO.COM 2001, BIOTECH HAPPEN HERE	Department of IT and Biotechnology, Government of Karnataka, Bangalore.	3 days March 2001
11.	International symposium on "Frontiers of Genetics and	IISc. & JNCASR, Bangalore.	3 days July

	Development"		1998
12.	Discussion meeting on "Concepts and Models in developmental Biology"	Indian Academy of Sciences at Nainital, U.P.	7 days April 1998
13.	National workshop on "Radiochemistry and Applications of Radioisotopes"	IANCAS- BARC, Bombay & DOS in Chemistry, Univ. of Mysore.	7 days Nov. 1995
14.	Training Workshop in "Environmental enrichment"	Zoo Outreach Organization and Universities Federation for animal welfare, U.K. at Mysore ZOO.	1 day Sep. 1994
15.	Group Monitoring workshop on "Evolution, Ecology and Behaviour"	DST, New Delhi and DOS in Zoology, Manasagangotri, Mysore.	3 days July 1994
16.	International conference on "Neurobiology from receptors to effectors"	Tata Institute of Fundamental Research Bombay, at Cochin.	3 days May 1994
17.	Interaction meeting on "Evolutionary Ecology"	DST, New Delhi and Centre for Ecological Sciences, IISc. Bangalore	3 days April 1994
18.	"Genetic and epigenetic controls in development workshop"	Dept. of Developmental Biology and Genetics laboratory, IISc., Bangalore.	One day Feb. 1993
19.	Workshop on "Fluorescent In Situ Hybridization(FISH	Dept. of Microbiology and Cell Biology, IISc., Bangalore.	7 days Jan. 1993
20.	International conference on "Molecular Evolution"	Penn State University, Pennsylvania, U.S.A.	4 days June 1992
21.	Seminar on "Cell Structure and Cytoskeleton"	York University, Toronto, CANADA.	1 day Mar.1991
22.	Conference on "Sex Determination and Dosage Compensation	Dept. of Microbiology and Cell Biology, IISc., Bangalore.	3 days Nov.1989
23.	Indo - US symposium on "Molecular mechanism involved in neuronal Response to damage'	NIMHANS, Bangalore INDIA	3 days Feb. 1989
24.	15 <sup>th</sup> International Congress of Genetics	Indian National science academy, conducted at Hotel Ashoka, Delhi	Dec. 1983
25.	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: 110

Sl. No.	Chairman/ Member	Particulars	Year (From-To)
<b>SECRETARY</b>			
1	Local Secretary	103 <sup>rd</sup> Indian Science Congress, 2016	2014-17
	Member	Heritage protection committee, Mysore	2022 onwards
<b>SCIENCE ACADEMY MEMBER</b>			
2	Member	Sectional Committee for selection of Fellows Indian Academy of Sciences, Bengaluru	2019-2021
3	Member	Selection for Summer students and teachers Fellowship, Indian Academy of Sciences, Bengaluru	2019-2022
<b>CHAIRMAN</b>			
4	Chairman	Human ethical committee of Mysore Medical college & Research Institute (MMC&RI, Mysore	2016-22
5	Chairman	Department of Studies in Genetics and Genomics, Univ. of Mysore , MGM	2015- to 2020
6	Chairman	Board of Studies in Genetics, University of Mysore	2015-18 2008-11
7	Chairman	Board of Examination in Clinical Embryology and Pre-implantation Genetics, University of Mysore	2018
8	Chairman	Board of Studies in Clinical Embryology and Pre-implantation Genetics, University of Mysore	2017
9	Chairman	Board of Studies in Zoology (PG, University of Mysore	2013-16
10	Chairman	Board of Studies in Clinical Research and Clinical Data Management (PG	2013-16
11	Chairman	Board of Studies in Zoology (UG, JSS College of arts, Commerce & Science, An autonomous College of University of Mysore	2014-16
12	Chairman	Board of Studies in Zoology (UG, University of Mysore	2013-16
13	Chairman	Review Committee for recognition of Institution for specialized Studies – IBAB, Bangalore	2015
14	Chairman	Review Committee for recognition of Institution for specialized Studies – Centre for Human Genetics, Bangalore	2014
15	Chairman	Naagaarjuniam Session, 10 <sup>th</sup> Kannada Vignana Sammelana organized by University of Mysore and Swadheshi andolana- Karnataka (15.09.2014 to 17.09.2014.	2014
16	Chairman	Board of examination in Genetics, Univ. of Mysore	2014-15 2011-12

			2007-08
17	Chairman	Board of examination in Molecular Biology, Yuvaraja's College	2013-15 2006-07
18	Chairman	Board of examination in Zoology, Univ. of Mysore	2006-07
<b>COORDINATOR</b>			
19	Coordinator	Department of Biotechnology, Govt. of India, Research Project Program Coordinator, Univ. of Mysore	2015-18
20	Coordinator	University Grant Commission- Major Research Project, Coordinator	2015-18
21	Coordinator	M.Sc., Genetics Program, DOS in Zoology, University of Mysore, MGM	2007-15
<b>EDITOR</b>			
22	Guest editor	Journal of All India Institute of Speech and Hearing, Mysore Vol. 28.	2009
23	Editorial member	7 <sup>th</sup> Editorial Board of Zoological Research, The Chinese Academy of Sciences, China	2008-12
<b>MEMBER OF ACADEMIC COUNCIL</b>			
24	AC, Member	J.S.S. Women Autonomous College of the University of Mysore, Mysore	2016-18
25	AC, Member	Govt. Science Autonomous College, University of Mysore, Hassan	2016-18
26	AC, Member	Yuvaraja's College, Autonomous College of the University of Mysore, Mysore	2007-08
<b>MEMBER OF BOARD OF APPOINTMENT</b>			
27	Member	BOA in Zoology, Mrityunjaya Vidya Peetha's Mahantaswamy Arts, Science and commerce College, Haunsbhavi, Karnatak University, Dharwad	2018
28	Member	BOA in Zoology, S.A. College, Naregal, Karnatak University, Dharwad	2018
29	Member	BOA in Zoology, University of Agricultural Sciences, Bengaluru - 65	2018
30	Member	BOA in Zoology, University of Agricultural Sciences, Bengaluru - 65	2017
31	Member	BOA in Genetics and genomics, University of Mysore, Mysuru	2016
32	Member	BOA in Zoology, Yuvaraja's College (Autonomous, University of Mysore, Mysuru	2016
33	Member	BOA in Zoology, Karnatak University, Dharwad	2016
34	Member	BOA in Division of Biological Sciences, Bangalore University, Bangalore	2014, 2016

35	Member	BOA in Dept of Biosciences, Sri Sathya Sai Institute of Higher Learning, Deemed University, Vidyagiri, Prasanthi Nilayam, AP	2013, 2014
36	Member	BOA in Applied Zoology, Mangalore University, Mangalore	2013
37	Member	BOA in Biotechnology, Tumkur University	2012
<b>MEMBER OF BOARD OF STUDIES</b>			
38	Member	BOS in Clinical Embryology and pre-implantation Genetics, Asia Pacific Institute of Embryology, Mysuru- 9	2016-19
39	Member	BOS in Molecular Biology (PG, University of Mysore, Mysuru	2016-19
40	Member	BOS in Biotechnology, Mangalore University	2016-19
41	Member	BOS in Zoology, Govt. College for Women (Autonomous, Mandya	2016-18
42	Member	BOS in Bioscience PG, Univ. of Mysore	2014-16
43	Member	BOS in Food Science and Nutrition, PG, University of Mysore	2013-16
44	Member	BOS in Microbiology, PG, Univ. of Mysore	2013-16
45	Member	BOS in Applied Zoology, Mangalore University	2013-16
46	Member	BOS in Bioinformatics (PG, Karnataka State Women University Bijapur	2009-16
47	Member	BOS in Bioscience PG, Univ. of Mysore	2014
48	Member	BOS in Biochemistry, Molecular Biology, Nano-Sciences and Technology, Nutrition and Dietetics of the JSS University	2014
49	Member	BOS in Zoology (PG, Karnataka State Women University, Bijapur	2012-14
50	Member	Expert Committee in Zoology (PG, Tumkur University	2013
51	Member	BOS, JSS University Ph. D. Regulation Sub-Committee	2013
52	Member	BOS in Molecular Biology, PG, University of Mysore	2013
53	Member	BOS in Zoology, University of Mysore	2010-13
54	Member	BOS in Life Sciences, Pondicherry University, Puducherry	2009-11
55	Member	BOS in Biotechnology (PG, Karnataka State Women University Bijapur	2009-11
56	Member	BOS in Applied Genetics (PG, Bangalore University,	2008-11

		Bangalore	
57	Member	BOS in Biotechnology, Yuvaraja's College, Autonomous College of the University of Mysore, Mysore	2008-11
58	Member	BOS in Biological Sciences (PG, Bangalore University, Bangalore	2007-10
<b>MEMBER OF BOARD OF EXAMINATION</b>			
59	Member	BOE in Genetics (PG, University of Mysore	2015-18 2012-13 2009-11 2006-07
60	Member	KPSC –Examinations (Gazetted Post	2015-2017
61	Member	Manipal University, Manipal.	2015-2016
62	Member	BOAE for UG and PG in Zoology and Genetics, University of Mysore	2015 2014 2013
63	Member	BOE in Biotechnology, Karnatak University, Dharward	2014
64	Member	K-SET Examination, University of Mysore	2013 2014
65	Member	BOE in Genetics, AIISH, Mysore	2013
66	Subject Expert	Ph. D. Doctoral committee in Biological Science, Bangalore University.	2013
67	Member	Ph. D. Entrance Exam in Genetics, Karnataka University	2013
68	Member	Ph.D Sub-Committee, JSS University, Mysore	2013
69	Member	OPSC Lectureship Examination, Orissa	2013
70	Member	BOE in Zoology (PG, Karnatak University, Dharward	2012
71	Member	Pre-thesis submission colloquium, Dept of Biosciences Mangalore University, Mangalore	2011-2012
72	Member	BOE in Molecular Biology, Bangalore University, Bangalore	2011-12
73	Member	BOE, Orissa Civil Service (Main 2011	2011
74	Member	BOE in Zoology (PG, University of Mysore	2004-06 2002-03
<b>MEMBER OF OTHER ACADEMIC &amp; ADMINISTRATIVE COMMITTEE</b>			
75	Member	UGC - Dr. D. S. Kothari Postdoctoral Fellowship (DSKPDF	2018

76	Member	Malpractice legal evaluation committee (MPLEC, University of Mysore, Mysuru	2016-17
77	Member	Ph.D. new regulation as per UGC norms, University of Mysore, Mysuru	2016-17
78	Member	Local Research Advisory Committee at Mysore Medical college & Research Institute, Mysore	2014-17
80	Member	College Developmental council, Affiliation committee, University of Mysore	2016-17 2015-16 2014-15 2013-14 2011-12 2009-10
81	Member	Institutional Animal ethical committee, University of Mysore, Mysore	2014-17
82	Member	eContent Development Academic standing committee, University of Mysore	2016
83	Member	Human ethical committee of Asthma and Allergy centre, Mysore	2012-16
84	Member	Human ethical committee of Mysore Medical college & Research Institute, Mysore	2007-16
85	Member	Member (University Nominee of the Expert committee to grant autonomous status to Government Science College, Hassan (12-13 of Nov	2014
86	Member	Innovative University committee, University of Mysore	2013
87	Member	Institutional Biosafety Committee, University of Mysore	2013
88	Member	Ph. D. and M. Phil. Regulations Expert Committee, University of Mysore	2013
89	DST Nominated member	As Jury to the Inspire award Exhibition of Hassan District School children	2011 (May 21 <sup>st</sup> to 22 <sup>nd</sup>
90	Member	Ph.D Sub-Committee, JSS University, Mysore	2013
91	Member	Faculty of Science and Technology, University of Mysore	2006 till date
<b>MEMBERS OF PROFESSIONAL ORGANIZATION</b>			
92	Life Member	Indian Academy of Biomedical Sciences, India	2022
93	Life Member	Human Genome Organization (HUGO)	2008



94	Ordinary Member	Indian Society of Cytology and Genetics	2007-08
95	Life Member	Indian Science Congress Association	2007
96	Life Member	Indian society of Human Genetics	2007
97	Life Member	Indian Society of Developmental Biologist	2003
98	Ordinary Member	American Association of Genetics, USA	2000
99	Ordinary Member	New York Academy of Sciences, USA	1998-99
100	Life Member	Indian Society of Cell Biology	1998
101	Ordinary Member	International Society for Molecular Evolution, USA	1992
102	Ordinary Member	International Society for Heat Shock genes, USA	1991
<b>PROMOTION/POPULARIZATION OF SCIENCE EDUCATION PROGRAMME</b>			
103	Popular article	Geneticist view on Covid pandemic Deccan Herald	May 2021
104	Research Grant reviewer	Several grants from Govt. of India- UGC, DST, DBT, ICMR, CSIR & also International agency from, USA, Portugal, Netherlands and Poland	1999 – till date
105	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.	1999- till date
106	Organizing Convener	Dr. S. N. Hegde Gold medal for excellence in M.Sc., Zoology and M.Sc., Genetics (Started in 2012.	2012
107	TV- Special Lectures	<b>8 UGC SPECIAL LECTURES</b> were delivered on Biotechnology, Genetic Engineering and Human genome projects in DD 9 television channel in 2006-07	2006-07

108	Organizing Convener	Prof. H. A. Ranganath Gold medal for excellence in M.Sc., Genetics (Started in 2006.	2006
109	Member	<b>Science education programme</b> of University of Mysore for High School Students	2006 onwards
110	Popular Science article Writer	Popular Science article - <b>DNA Fingerprinting</b> , Article in Kannada for Kannada Encyclopedia” Zoology section, Institute of Kannada Studies, Univ. of Mysore, Mysore.	2006
111	TV Talk	Special Television programme on <b>Dolly Cloning</b> in DD9 on 16.08.1999	1999
112	Popular Science article Writer	Popular Science article - <b>Schizophrenia</b> : a chromosomal disease? Indian Express, Dec. 5th,1989, National Newspaper.	1989

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