

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
DEPARTMENT OF BIOINFORMATICS

List of student's projects done at the various National and International Institutions

S. No	Batch	Name of the Student	Title of the project	Guide & Institution
1	2004-2006	Ms. K. Hemavathi	Structure and Interaction of Chemotherapeutic peptides with the components of phospholipid bilayer- A molecular Modeling Investigation	Dr. V. Subramanian, Central Leather Research Institute, Chennai.
2	2004-2006	Ms. J. B. Sheema	Enhancement of Biohydrogen production in E.Coli by Flux balance analysis using FBA 3	Dr. G. RameshKumar, AU-KBC Research Center, MIT Campus of Anna University, Chennai.
3	2004-2006	Mr. Kalesh Sashidharan	Short Nucleotide Comparisons and Analysis-As part of improvements in a primer design tool	Dr. Kshitish Acharya, Institute of Bioinformatics and Applied Biotechnology, Bangalore.
4	2004-2006	Ms. D. Deepa	Insilico restriction analysis of rice genome	Dr. V. Krishnasamy, TamilNadu Agricultural University, Coimbatore.
5	2004-2006	Ms. Swetha. D	Analysis of transmembrane helices, signal peptides and Internal peptide repeats in Saccharomyces Cerevisiae chromosome I, II, III	Dr. K. Sekar, Indian Institute of Science, Bangalore.
6	2005-2007	Ms. Angelin Sumathi.S. P	Role of certain descriptors on the conformation of protein secondary structure	Dr. K. Mani, PSGCAS, Coimbatore
7	2005-2007	Ms. Ramya Harilal	Genomic Analysis of Trinucleotide repeats in Arabidopsis Thaliana and Drosophila Melanogaster	Dr. Suresh Kumar Balasubramanian, Max Planck Institute for developmental Biology, Germany
8	2005-	Ms. Nisha Shahul	Protein tertiary structural	Dr. Jin Hua Han,

	2007	Hameed	determination of IGFBP 2-A Potential clinical biomarker for leukemia treatment	National University of Singapore, Singapore
9	2005-2007	Mr. D. Vignesh	Bacterial Database Analysis Tool Creation	Dr. Sanjay Swarup, National University of Singapore, Singapore.
10	2005-2007	Mr.P. Palpandian	Phylogenetic analysis Tool	National Institute of ocean Technology, Chennai.
11	2005-2007	Ms. N. Pavithra	Analysis of candidate genes associated with resistance to insects in Plants	Dr. M. Maheshwaran, Tamilnadu Agricultural University, Coimbatore
12	2005-2007	Mr. R. GopalaKrishnan	Molecular Dynamics simulation studies of Z DNA	Dr. V. Subramanian, Central Leather Research Institute, Chennai.
13	2005-2007	Ms. P. Parameshwari and Ms. A. Anitha Rajalakshmi	Reconstruction of secondary metabolic network in Arabidopsis Thaliana – A Bioinformatics approach	Dr. Sanjay Swarup, National university of Singapore, Singapore.
14	2006-2008	N. Lokesh	An insilico tool for Interogating DMD	LAI POH SAN, DEPARTMENT OF PAEDIATRICS, NATIONL UNIVERSITY HOSPITAL, SINGAPORE.
15	2006-2008	Nancy Thomas	Consensus clustering using K Means algorithm-A simulation study	Anbupalam Thalamuthu, National University of Singapore, Singapore.
16	2006-2008	Baphilinia Jones	Consensus clustering using K Means algorithm-A simulation study	Anbupalam Thalamuthu, National University of Singapore, Singapore.
17	2006-2008	J Maniranjitham	Studies on Vibrio Cholerae from the Marine environment around port blair, Andaman islands, Designing of Oligonucleotide primer from IRGA gene of	NIOT, Andaman

			Vibrio Cholerae for rapid detection through PCR and Development of a Primer Database for Bacteria	
18	2006-2008	V.S. Kannan	A novel Algorithm for design of primers for copy number variation an analysis in the human genome.	LAI POH SAN, DEPARTMENT OF PAEDIATRICS, NATIONL UNIVERSITY HOSPITAL, SINGAPORE.
19	2006-2008	S. Vinoth	Genome Scale Analysis of E.Coli for reducing acetate production	DONG YUP LEE, NUS, SINGAPORE.
20	2006-2008	Suresh. S	Context Dependant Nucleotide Substitution models	YAP VON BING, NUS, Singapore.