

**CURRICULUM VITAE OF PROF. P.K. DAS**  
(Incorporating Research activities and publications)

1. **Name** : **Pradipta Kishore Das**  
 2. **Father's Name** : Late Raj Kishore Das,(OAS,retd)  
 3. **Date of Birth** : **09.11.1952**  
 4. **Permanent Address** : A-126, Jharapada Road, Bhubaneswar-751006.  
 5. **Present Address** : **Professor and Head in Anthropology**  
 (Official) Dept. of Anthropology & Tribal Development  
 Guru Ghasidas Vishwavidyalaya,  
 (A Central University), Koni, Bilaspur, C.G, 495009  
 Email: pkdas123@gmail.com
6. **Former Positions** : **Professor (J.B.S.Haldane Chair) 1996-2012**  
**Professor and Head**, Department of Anthropology, Utkal  
 University (1999-2001)  
**Coordinator, SAP,UGC (DSA)** ,1996-2008  
**Chairman, Board of Studies** in Anthropology(1999-2001)

**Academic Qualification:**

B.Sc.(Hons)	Utkal University	2 <sup>nd</sup> (Hons.) in Zoology with Distinction	1973
*M.Sc.in Anthropology	Utkal University	<b>1<sup>st</sup> Class with first FIRST position</b>	1975
Ph.D.	Utkal University	Anthropology	1983

Specialization in Physical Anthropology (Human Genetics)

Ph.D thesis was evaluated by world famous geneticist **Prof J.V.Neel of Michigan State University (USA )** and **Prof K.C.Malhotra,Indian Statistical Institute ,Calcutta**

**Research Experience:**

i)	<b>UGC Research Fellow</b> , PG Dept. of Anthropology, Utkal University	Project on Genetic Variation among the Southern Mundari speaking people of Orissa.	12.10.76 to 11.10.80
ii)	<b>Research Associate</b> , UNICEF-UNRISD-CRESSIDA Project	a)Project on Food System of Society:	12 .10.80 to 15.08.83
iii)	<b>Coordinator</b> , CRESSIDA, Research Project	b) Bio- mass survey of forest Zones of Similipal,Mayurbhanj (Prof S.K.Mukherjee,FNA)	4months

**Teaching Experience**

Post held	Institution	Period
Lecturer in Anthropology , O.E.S.	P.G.Deptt. of Anthropology, Khallikote College, Berhampur.	11.04.1984 to 19.03.1986
Lecturer in Anthropology	P.G. Deptt. of Anthropology, Utkal University	20.03.1986 to 21.09.1993
Reader in Anthropology	-do-	22.9.93 to 25-6-96
Professor in Human Genetics (J.B.S Haldane Chair)	-do-	26.06.96 to 30-11-2012

**Workshop /Training Course Attended:**

<b><u>Sl. No</u></b>	<b><u>Name of the Course</u></b>	<b><u>Institute</u></b>	<b><u>Duration</u></b>
i)	Training course on Health, Nutrition and Development Administration.	Tribal and Harijan Research cum Training Institute, Bhubaneswar.	May 5 <sup>th</sup> to May 25 <sup>th</sup> 1986.
ii)	Methodology in Dermatoglyphics.	Indian Statistical Institute.	June 10 to June 16 1987.
iii)	Short term Training Course DNA Typing of HLA.	Mundari Kamraj University.	21 <sup>st</sup> sep. to 10 <sup>th</sup> Oct.1992.
iv)	Linkage analysis in Human Genetics	Guru Nanak Dev Unv	1998

**Research Guidance:**

Ph. D: Doctoral Degree awarded under my guidance : 6

Areas of PhD research: Health and Nutrition, Human Genetics, Medical Anthropology, Human Genome study, Mathematical Genetics)

Ph. D work in Progress: 5

M. Phil.: 28 students

Areas of M.Phil research: Demography, Health and Nutrition, Human and population Genetics, Medical Anthropology, Human Genome study, Diabetics, hypertension, Molecular genetics, Bio-cultural study of Tuberculosis, Epidemiology of Cancer and cerebral palsy

**Research Project undertaken:**

<b>Title of the project</b>	<b>Sponsoring agency</b>	<b>Year of study</b>
Molecular Analysis of South Indian Population	Unv. Of Utha (USA)	1998-99
Nutritional Status of Bondo-highlanders	UGC	1999-2000
Comparative study of haemoglobinopathy	DSA	2002-03
Population Biology of caste and tribal Community	DSA	2003-04
Population Genetical study of Sahara and Sabar	DSA/ASSIHS	2004-05
Epidemiology of Oral Cancer	DSA	2005-06
Genetics of Visual and hearing impairments	Utkal Unv	2006-07
Genome diversity of tribal populations of Orissa	Genographic Project	2007-08
Bio-social Study of leprosy	CAS Project	2009-10
Nutritional Status of SC Community	-do-	2009-10
Bio-cultural study of Type-II diabetics	-do-	2010-11

### 13. **Contribution to Subject/Knowledge:**

Institution of CSIR-KALINGA-J-B-S-Haldane Chair in Utkal University.

Modernization of syllabus at Graduation/Post Graduation/Mphil level.

Establishment of Human Genome Lab in the Department of Anthropology.

ASSIHS award to Department of Anthropology.

Continuation of SAP(DSA) programme for three consecutive terms.

Presented the progress of SAP programme of UGC as Co-ordinator, DSA, and on the basis of satisfactory progress of DSA, our department has been awarded the status of **CAS by UGC**.

Identified ALDH2 gene in Bonda-highlanders ; Mt DNA,Y haplotype,STR allele of Santal and Brahmin population have been made

Inter- University/International/National collaboration on Human genome study

Modules developed on DNA extraction and analysis

Preparation of glossary for Anthropology

#### **Distinctions earned:**

**Utkal University Gold Medal** in 1975 for securing first class first position.

**Sectional President**, Anthropology and Archaeology Section, Indian Science Congress 2002.

**Indo- French cultural exchange Award 2001**

**Delivered invited talk at Pasture Institute,Paris and Max-Plank Institute, Germany,2001**

**Delivered Platinum Jubilee Lecture** at Indian Science Congress, Hyderabad 2004

**Member, National Advisory Committee**, Anthropological Survey of India

**Reviewer**, Peer-reviewed National and International and Journal

**Co-ordinator, DSA** (U.G.C sponsored Programme) 1996-2008

**Member**, editorial Board, International Jr of Human Genetics, INCA

**UGC Subject expert** to review SAP Programme of UGC

**Member National Advisory Board on Int.Symposium on Thalassemia**

**Chaired a number of National and International Conferences**

**Member in State/University/ National level Committees**

**Consultant** to Department of Water Resources, Govt. of Orissa on Resettlement of Rehabilitation policy.

**Member Advisory Board**, Biosphere Reserve, Dept. of Forest and Environment.

**Member Steering committee** on Similipal studies, North Orissa University.

**Member SRC** in Bio-technology, Dept of Bio-Tecnology, Utkal Univ.

**Member, Research Review Committee, RMRC(ICMR), Bhubaneswar ,National Advisory committee on**

Thalassemia

**Consultant and local expert to National Genome Diversity Project, CSIR (Govt of India)**

**PhD and Mphil examiners and member board of studies of several universities of India**

**Visit to Foreign Countries:**

- 1). Attended and presented a paper at Vth Auxological Congress, held at **Exeter, U.K.** from July 19<sup>th</sup> to July 22<sup>nd</sup> 1987 and visited Institute of Child Growth, London for reference collection in July 1987
- 2). Presented paper and Chaired one session at 3rd Common -Wealth conference on **Diarrhea and Malnutrition**, at **Hong Kong** 1994.
- 3). Indo-French Cultural Exchange Programme, **Paris**, France in 2001
- 4). Delivered invited lecture at Max-Planck Institute, Rostock, **Germany** in 2001
- 5). Deliver invited lecture at Pasture Institute, **Paris** 2001

**Major International Conferences attended:**

Vth International Conference on Auxology, Exeter University, U.K., 1987  
International Conference on Science and Society, Utkal Univ 1992  
Third Commonwealth Conference on Diarrhea and Malnutrition, HongKong 1994  
International Conference on Genetic Disorder, Guru Nanak Dev Univ 1999  
International Conference on Rethinking Society, Culture and History of Orissa 2001  
International Conference on Human Genome Update 2004  
International Symposium on Frontiers in Genetics 2005  
International Conference on Community Genetics 2008  
International Conference on Human Genome, Identity and Culture 2009  
International conference on HUGO, 2009

**18 . National /International Collaborations:**

Molecular Analysis of South India Population with University of Utha, USA  
Genome Diversity of People of Orissa with National Geno-graphic Project  
Host-genome susceptibility to T.B/Laprosy, with CAHG, JNU

**Member, learned Academic Bodies and other organizations**

- (i) Life Member, International Association of Human Biologist
- (ii) Life Member, INCA
- (iii) Life members, Anthropological Society of India
- (iv) Member, sub-committee on Bi-Medical Anthropology, ASI
- (v) Life member, Orissa Association for Population and Development
- (vi) Member editorial Board, ADIBASI, Jr of STSCRTI, Govt of Orissa
- (vii) Life member Association of medical anthropologists

**Conferences/Symposia/ organized as organizing secretary:**

**Prof .J.B.S Haldane Birth Centenary Celebration 1992**

National Seminar on Environment and Development 1993

Celebration of World Environment Day (5<sup>th</sup> June 1994-1998)

Celebration of World Population Day (11<sup>th</sup> July 1999-2003)

National Seminar on Genetic Disorders in India 1999

Human Genetics ,health and Ethical Issues 2002

Tribal Health & Nutrition of India: Bio-Cultural Dimension (March 25-26, 2003)

Tribal Development in India: Issues and Challenges. (March 30-31,2004)

Globalization, Culture and Development. (March 29-30 2006)

**Workshop Organised**

- a) Techniques on Human Cytogenetics in collaboration with Prof Vogel, Heidelberg University ,Germany 1998
- b) Application of Molecular Techniques in Analysis of human DNA and Haemoglobinopathy .(16 February-2007)
- c) Extraction DNA from Saliva. Geno-graphic India Project (Dec-2006)

**List of Publication of Research Papers of Prof P.K.Das:**

Das, P.K.1977.Finger and Palmar Dermatoglyphics of Juang of Keonjhar, , *ISCA*.

Das, P.K.1977. Fertility study of a Khond village in Koraput district, Orissa, *Proc. Folk, Cull & Ethno, Society*, .

Das, P.K. et. al. 1978.PTC Taste ability among Juang, Paraja and Rana of Orissa, *Society & Culture, Vol.ix,No.1*.

Das, P.K.1979. Linguistic and Genetic differentiation: “A study among the Southern Mundari speaking tribes of Orissa –*Proc. Population Research & Population Policy,PRC*.

Das, P.K. et. al. 1985. Forest Ecosystem – vis-à-vis the hunter- gatherers and shifting cultivators :An anthropo-ecological approach –*Jr. of Env. Science. Vol.1 (2)*.

Das, P.K. et. al, 1986. Co-operatives and the Weaker Section: A Study on “The Silk Weaver Co-operative Society of Berhampur City (Orissa)- *Proceeding, COLLOSAAS-(Memio)*

Das, P.K.1987. Sero-Genetic variation among the Southern Mundari speaking tribes of Orissa- *Man in Society Vol.3*.

Das, P.K. et.al. 1987. The Nutrition and Physical growth of the tribal population of Orissa : *Banaphula* .

Das, P.K. 1987. Genetic and Linguistic Variation among the Southern Mundari speaking tribes of Orissa :A Bio-Cultural Study, *MANAB*, Vol.2-127-145.

- Das, P.K. et. al, 1988. A Study of some Determinants of Malnutrition the Saora :A Primitive Tribes of Orissa (Abs.) *Proc. VIth International Congress of Auxology U.K.*
- Das, P.K. 1988. Finger and Palmar Dermatoglyphics of the Juang,, Keonjhar ,*Manav*, Vol.3,217-230.
- Das, P.K. et. al, 1989. Socio-Economic Status and Health Conditions of aged tribals of Phulbani district, in the book *Aged in India (Ed.)* by R.N. Pati.
- Das, P.K. 1990. Incidence of colorblindness in some population of Orissa, *Man in Society*, Vol.4.
- Das, P.K. et. al, 1990. Gandhamadhan Ecosystem : Environment vis-à-vis Development in the book *Environment & Sustainable Development (Ed.)* P.K. Das & S.N. Patra-
- Das, P.K. et. al, 1990. Re-examination of Mundari ethnic affinities through Dermatoglyphic data: in *Dermato-glyphics today*, (Ed.) Reddy & Others
- Das, P.K. et. al, 1991. Effect of Drought on Health Condition and Nutritional Status of people in the book *Human Encounter with drought (Ed.)* Nayak & Mahajan, Reliance Publication, Delhi.
- Das, P.K. 1991. Conservation of Natural Heritages in Orissa *Report, Public hearing on Environmental Problems and Development strategies.*
- Das, P.K. et. al, 1991. ABO Gene Diversity among tribes of Orissa, *Man in Society*, Vol.5.
- Das, P.K. et. al, 1992. The study of Protein-Energy-Malnutrition among the Saora of Mohana area, Gm. (Dt.) *Man in Society* Vol.6.
- Das, P.K. 1993. Socio-Economic, Environmental and Cultural correlates of Nutritional Status: A study of Juang Population of Dhankanal Dt. Vol.7 *Man in Society*.
- Das, P.K. et. al, 1993. Population, Environment and Quality of Life, Souvenir, Seminar on 'Family Welfare, Population Education and Development, OAPD.
- Das, P.K. 1993. An appraisal of Dietary habits and Nutritional Status of three tribal communities of Orissa (Abs.) *Proceedings P.C. Mahalanobis birth Centenary Seminar on Frontiers of Anthropology, Calcutta.*
- Das, P.K. 1994. A Study of Health Care practices among the Saora of Ganjam. *Man in Society* Vol.8.
- Das, P.K. 1995. Literacy in Orissa: A Census analysis, in the book (*Population Profile of Orissa: Ed.* Senapati, Nayak and Das, OAPD, Bhubaneswar.
- Das, P.K. 1995. A Study of Nutritional Status of five tribal communities of Orissa: Problems and Solutions: *Proc. 3<sup>rd</sup> Commonwealth Conference on Diarrhea and Malnutrition, Hong Kong.*
- Das, P.K. 1995. An Anthropological Perspective of Filariasis : A Socio- Economic Implication of the Diseases *Proceeding. Int. Symp. Vect & Vect born diseases National Academy of Vector Borne Diseases. Pp.243-246.*

- Das, P.K. 1996. Human Genetics in Orissa: Retrospect and Prospect, *occasional paper* DSA, Anthropology Department, Utkal University.
- Das, P.K. et. al, 1996. Nutrition and Health Issues among displaced persons: A study of upper Indravati Project, Orissa, *Proceedings Training Seminar on Resettlement and Rehabilitation*, Gopabandhu Academy, Bhubaneswar.
- Das,P.K. 1997 Haemoglobinopathy in Orissa :A Review, *Man in Society*
- do- 1997 Godari: Scio-Economic Implication of Filiarisis, *Proc.Vect born disease*
- Das,P.K. et.al 1998 Origins and affinities of tribal populations in South India ,*Proc.Am.Society of Human Gent*
- Das,P.K.et.al 1999 Multiple Origins of Mt DNA-9bp deletion in populations of South India ,*Am.Jr.Phy.Anth*
- Das,P.K 1999 Genetic aspect of disability: Some examples , in the book *disability in India (ed)*
- Das,P.K.et.al 2000 Effect of antigenic incompatibility on reproductive performances *Man in India*
- Das P.K.et.al 2001 Skeletal Analysis of Chalcolithic Remains in *Archaeology in Orissa Ed.K.K.Basa*
- Das,P.K et.al 2002 Prevalence of of Hypertension among an urban population of Bhubaneswar, *Jr.of Hum.Ecology*
- Das,P.K.et.al (2002-03) Reproductive health services in developing counties :An over view, *Man in Society*-Vol 14-15
- Das,P.K.etal (2002-03) IEC activity and Health Research in India ,*Man inSoiety, Vol14-15*
- Das,P.K. (2002) Bio-anthropological perspective of sickle cell disease in Orissa ,*Presidential address ISCA*
- Das, P.K.et.al ( 2003) Genetic variation among world population: Inference from Alu insertion polymorphism *Genome Research*
- Das, P.K.et.al (2004) Diversity of tribal populations of south India inSTR loci. *Annl.Human Gent.*
- Das,P.K. (2005) An Overview of Nutritional status of tribal Orissa. In *Population health in Orissa ed R.N Pati*
- Das, P.K.2005-06 A study on Population structure, genetic variation and intensity of selection of Birhor- A primitive tribe of Orissa ,*Man in Society*,Vol6
- Nutritional Health Status of selected tribal populations of Orissa: An overview 2007 *South Asian Anthropologists* Vol:7, No2
- Hypertension in Orissa ,India : A cross sectional study among some tribal ,rural and urban populations 2008 *Public Health, Elsvier* 122,1120-1123
- Nutritional Status of the Bonda –Highlanders in *Sustainable Development in Bonda Hills* 2009 Ed P. Moahapatra & K.K.Mohanty,P.C Mohapatra COARTS
- Protective ALDH2\*2 Allele in the Bonda-Highlanders of Orissa *South Asian Anthropologists* 2009,9(2): 129-132

Genetics of Non-syndromic Hearing Impairments; A preliminary study of selected extended families in Orissa, *Mekal Insight* 2009 Jr of Indira Gandhi National tribal University tribal Central University

Opportunity for Natural Selection in ABO Blood Group 2010, *Anthropologist* Vol 1

Coding and Non-coding polymorphism in VDR gene and susceptibility to pulmonary tuberculosis in tribes, castes and muslims of Central India. *Infection ,Genetics and Evolution* 11(2011) 1450-1461

Spectrum of Sickle cell disease in India: Agenda for its comprehensive management and community based control programme. 2012 DSA publication of Department of Anthropology, Dibrugarh University

Anthropology and Human Genetics: Reflection on emerging perspectives on Human evolution and variation 2012 in Plural Nature of Anthropology, Proceedings of Golden Jubilee Celebration of Anthropological Society of India

### **Publication of Books:**

Environment and Sustainable Development, Orissa Environmental Society, 1990 (Editor), P.K Das & S.N. Patra.

Population Profile of Orissa : Published by Orissa Association for population and Development (Editor) R.N. Senapati & P.K. Das.1995.

Human genetics ,Health and Ethical Issues (Forthcoming Volume) 2013



