



Arya Vidyapeeth College
আর্য্য বিদ্যাপীঠ মহাবিদ্যালয়



Personal profile

Name of the Faculty: Dr. Manab Deka

Designation: Associate Professor

Department: Statistics

Personal Date of Birth: 11-07-1972

Information Gender: Male

Nationality: Indian

Address for correspondence:

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Contact no.: 9435047015

Date of joining the present service: 29-03-2001

Academic MSc, M.Phil, PhD.

Qualification

Teaching In UG level: 19 Years

Experience In PG level: No.

Academic Secured 1st class 2nd position in M.Sc. from University of Delhi in 1996.

distinction



Research
Experience

Date of obtaining / M,Phil Degree: 04-12-2000, University of Delhi

PhD Degree : 10-02-2007, Gauhati University

Title of the M.Phil dissertation:

“A REVIEW ON CERTAIN MODELS OF FOLLOW-UP STUDIES”

Title of the PhD thesis:

“A STATISTICAL ANALYSIS ON PREVALENCE OF CHRONIC DISEASES IN AN URBAN SET UP OF ASSAM”

Length of research experience: 13 Years (post Ph.D)

Specialization (Area of interest):Demography/ Medical Statistics

Research Guidance (PhD guideship): Recognized Ph.D guide of Gauhati University.

No. of student perusing PhD degree: 01

No. of research projects:

Title of the project	Funding agency	Amount (in Rs)	Status (ongoing/completed)
“Prevalence of chronic Diseases in Urban Set up of Assam: A Statistical Perspective”	UGC	77,000/-	Completed and submitted.
“Knowledge, Awareness and Attitudes Towards HIV/AIDS among Students of Colleges in Brahmaputra Valley of Assam - A Statistical Insight”	UGC	85,000/-	Completed and submitted.

Publications

No. of Books chapters published: 03

- i) Socio-economic and Scientific Development in Northeast India-Some Reflections, **Excel Publications, New Delhi**, 2019, 156-161, ISBN: 978-93-88237-85-7.
- ii) Thoughts On Environment With Special Reference To North East India, **Global Publishing House (India)**, 2013, 135-146, ISBN: 978-93-81563-16-8
- iii) Statistics in Allied and Social Sciences, **Techno Ed Publications**, 2012, 120-129, ISBN: 978-93-81859-13-1

No. of Edited books: 01

- i) *Statistics in Allied and Social Sciences*, **Techno Ed Publication**, 2012, ISBN: 978-93-81859-13-1.

No. of Research papers published: 13

- i) R.Barman, H.Baruah, **M.Deka**, “Attributes of learners in regards to BPP and B.com Programmes : case study of an urban IGNOU study centre”, **Research Journal of Social & Life Sciences**. Vol. XXIV, December, 2018, 76-85. (ISSN: 0973 - 3914).
- ii) H.Baruah, R.Kar, S.Phukan, P.K.Das, **M.Deka**, T.Dey, “Reflections from the Heavy Mineral distributions of Some Gondwana Basins of extra-peninsular India”, **Journal of The Indian Association of Sedimentologists**, Vol 35, No.2, 2018, 59 – 81 (ISSN: 0970 - 3268).
- iii) **M.Deka** and S. Kalita, “A Statistical Study on Awareness and Attitude of Students of Assam, India towards HIV/AIDS”, **Research on Humanities and Social Sciences**, Vol. 4, No. 16, 2014, 72-82, (ISSN: 2224- 5766).
- iv) **M.Deka** and S. Kalita, “Model of Age Onset Distributions for the study of Chronic Diseases in Assam, India”, **International Journal of Statistics and Analysis**, Vol.4 No. 1, 2014, 7-10 (ISSN: 2248-9959).
- v) T. Dey and **M.Deka**, “Educational Issues of Children of the Tiwa Community of Assam: A Statistical Interpretation”, **Journal of Indian Education**, Vol. XXXVIII, No. 2, August 2012, 58-66, (ISSN: 0972-5628).
- vi) **M.Deka**, L. Choudhury and A. Choudhury, “Health scenario of urban set up of Assam in regard to chronic diseases”, **Indian Journal of Public Health Research and Development**, vol.3, no. 4, 2012, 110-115,

(ISSN: 0976-0245)

vii) **M.Deka**, “HIV/AIDS – Related Knowledge, Attitude and Behaviour Among College Students of Assam”, **International Journal of Humanities and Social Sciences**, Vol.2 No. 1, 2012, 47-55 (ISSN:2250-3226).

viii) **M.Deka** and L. Choudhury, “A Generalized Form of Makeham’s Curve and its Applications”, **International Journal of Statistics and Systems(IJSS)**, Vol.7 No. 1, 2011, 41-54 (ISSN: 0973-2675).

ix) D. BujarboruaP .N .Nagpal and **M.Deka**, “Smokestack leak in central serous chorioretinopathy”, **Graefe’s Arch Clin Exp. Ophthalmology** (I.F-2.158), 248, 2010, 339-351 (ISSN: 0721-832X).

x) L. Choudhury, A. Choudhury and **M.Deka**, “Influence of Socio-Economic and Demographic Factors on The Risk of Chronic Diseases in Guwahati- The Premier City of North East India”, **Demography India** Vol. 38(1), 2009, 85-101 (ISSN: 0970– 454X).

xi) A. Choudhury, L.Choudhury and **M.Deka**, “Estimating The Probability of Chronic Disease : A Bayesian Approach”, **GENUS (Italy)** Vol. LXIV, No. 3-4, July-December, 2008, 109-136 (ISSN: 0016 – 6987).

xii) **M.Deka**, L. Choudhury and A. Choudhury, “A Study on Prevalence of Chronic Diseases in Guwahati City”, **Assam Statistical Review**, vol-21, No. 2, September, 2007, 144-169 (ISSN: 0976-4291)

xiii) **M.Deka** and L. Choudhury, “A Study on Health Expectancy Related to Chronic Diseases in Guwahati City”, **Contributions to Applied and Mathematical Statistics (CAMS)**, vol. 2, 2005, 37-60.

Papers presented in **No. of Research papers presented in National/International seminar: Seminar/Conference 13**

i) “Study on Prevalence of Disability in Assam in the context of Census 2011: A Statistical Approach”, National seminar organized by IQAC, Nowgong College, Nagaon, Sponsored by ICSSR, August 17-18, 2018.

ii) “Life Expectancy and Healthy Life Expectancy in the context of population...”, National Seminar organized by Arya Vidyapeeth College Teachers Unit, sponsored by NEC & ICSSR, October 27-28, 2017.

iii) “Thoughts on Health status of People of South Asian Countries”,

International Seminar organized by CSRD, Jawaharlal Nehru University, sponsored by Max Plank Institute, Denmark and Australian National University, April 6-8, 2017.

iv) “Determinants of growth in Assam- A Statistical perspective”, National Seminar, organized by Dept. of Statistics, Dibrugarh University, sponsored by UGC during March 24-25, 2017.

v) “A study on Business Cycle in India”, National Seminar organized by Dept. of Statistics, Dibrugarh University, sponsored by UGC, held during March 21-22, 2014.

vi) “Terrorism: one of the major problems in Assam”, National Seminar organized by THB College, Jamugurihat, sponsored by UGC, held during August 29-30, 2013.

vii) “Issues related to education of children...”, National seminar organized by Arya Vidyapeeth College, Guwahati, sponsored by UGC held during February, 3-4, 2012.

viii) “HIV/AIDS awareness among college students of Assam”, Regional Seminar organized by NECRD (IGNOU), Guwahati, sponsored by NERIE, NCERT, held during September 28- 29, 2011.

ix) “The impact of migration on Chronic diseases...”, National Seminar organized by Arya Vidyapeeth College, Guwahati, sponsored by UGC, held during October 20-21, 2009.

x) “Fiscal Deficit and its sustainability perspectives...”, National Seminar organized by THB College, Jamugurihat, sponsored by UGC, held during September 18- 19, 2009.

xi) “Risk Factors of chronic diseases in Guwahati City”, National Conference organized by JIPMER, Pondicherry, sponsored by Indian Society for Medical Statistics(ISMS), held at Pondicherry during January 19 - 23, 2005.

xii) “A Study on Prevalence of Chronic disease in Guwahati city”, National Seminar organized by NEHU, Shillong, sponsored by UGC held at Shillong during February 25-27, 2004.

xiii) “Chronic Disease and Guwahati City-A Case Study”, ISMS-IBS Annual Conference organized by SGPGIMS, Lucknow sponsored by Indian Society for Medical Statistics(ISMS) and International Biometric Society(IBS), held at Lucknow during December 1-3, 2001.

<p>Acted as Resource person/ chaired technical Session</p>	<p>Acted as Resource Person in the below-mentioned training programmes/ workshops:</p> <p>i) National level Training on “Computer Based Statistical Programme for Researchers (SPSS)” organized by NECRD (IGNOU) sponsored by IGNOU during 7-11 February, 2011.</p> <p>ii) Workshop on “Applications of Bioinformatics in Biological Research” organized by the Department of Biotechnology, Govt. of India sponsored Bioinformatics Infrastructure Facility in Bodoland University, Kokrajhar, Assam during 18-22 May, 2018.</p> <p>iii) Workshop on “Bioinformatics as a tool in Biomedical Research” organized by the Department of Biotechnology, Govt. of India sponsored Bioinformatics Infrastructure Facility in Bodoland University, Kokrajhar, Assam during 4--8 May, 2019.</p> <p>iv) Training Programme on “Data Analysis using Statistical tools” organized by Department of Earth Science, USTM, Meghalaya held during July 2--6, 2019.</p> <p>v) National workshop on “Statistical Data Analysis using SPSS” organized and sponsored by Gauhati University, Guwahati during 25--31 July, 2019.</p>
<p>Linkage with other institution (research collaboration)</p>	<p>Linkages in the field of teaching and research with Department of Biotechnology, Govt. of India sponsored Bioinformatics Infrastructure Facility in Bodoland University, Kokrajhar, Assam.</p>
<p>Membership in reputed national/ international agency</p>	<p>i) Life member of Indian Society for Medical Statistics (ISMS), New Delhi.</p> <p>ii) Life member of Assam Academy of Mathematics.</p> <p>iii) Former member of International Union of Scientific Study of Population, Rome.</p> <p>iv) Former Fellow of Royal Statistical Society, London.</p>
<p>Corporate Social responsibility</p>	<p>A. Performed/performing the below-mentioned corporate social responsibilities in the College :</p> <p>i) Assistant Coordinator, IQAC.</p> <p>ii) Assistant Coordinator, IGNOU Study Centre-04177.</p> <p>iii) Convener, Committee for cashless transaction within college campus</p> <p>iv) Convener, AVCSU Constitution Review Committee.</p>

- v) Advisor, Committee for NIRF.
- vi) Member, Campus Development Committee.
- vii) One of the Board of Directors of Arya Vidyapeeth College Thrift Society.
- viii) Former Secretary of Arya Vidyapeeth College Thrift Society.
- ix) Former Convenor of College Playground Development Committee.
- x) Former Secretary of Career Counselling Unit (CCU) of the College.
- xi) Former Coordinator of Career Counselling and Placement Cell of the College.

B. Organized following academic activities in college in the Capacity of :

- i) UGC sponsored National Seminar on “Recent Trends in Statistics and Its Applications”; February 3-4, 2012, **Organising Secretary.**
- ii) ISI, Kolkata sponsored “Regional Workshop on Demographic Surveys in Rural India: State of the Art”; June 16-18, 2012; **Co-Coordinator.**
- iii) DST, SERB, New Delhi sponsored “Training Programme on Probability theory and its Applications for Under Graduate Students”; January 20-26, 2014; **Co-Coordinator.**
- iv) ISI, Kolkata sponsored “Short Term Course On Statistical Applications”; Nov.17-22,2014; **Co-Coordinator.**
- v) DST, SERB, New Delhi sponsored “Training Programme on inventory control and its applications”; OCT.05-10,2015; **Co-Coordinator.**
- vi) ISI, Kolkata sponsored “Short-term Course on Statistical Applications”; Nov. 04-07, 2015; **Co-Coordinator.**

Any other remarks **Successfully completed the following online MOOCcourses :**

- i) Online course on “Explore Statistics with R” offered by Karolinska Institute, University in Solna, Sweden in August, 2015.
- ii) Online course on “Macroeconomic Forecasting” offered by International Monetary Fund (IMF), Washington, D.C, United States in January, 2016.
