



POSITION APPLIED FOR: ASSOCIATE PROFESSOR
SUBJECT : STATISTICS

CURRICULUM VITAE

Name : **Dr. DEEPAK KUMAR ROUTRAY**
Designation : **LECTURER, (HEAD, DEPARTMENT OF STATISTICS)**
Affiliation : **Ispat Autonomous College**
Date of Birth : 21.05.1973
Date of joining : 01.08.1997
Sex : MALE
Nationality : INDIAN
Religion : HINDU
Address for Communication : AT: ISPAT AUTONOMOUS COLLEGE, SECTOR-16
ROURKELA – 3, PIN – 769003
DIST – SUNDARGARH (ODISHA)
Mo. No. – 91+ 9437129719
E-mail address : **gajuli@rediffmail.com**

Educational Qualification:

Examination passed	Board/University	Year of Passing	Division
PhD	Sambalpur University	2018	completed
MBA	Fakir Mohan University(DE)	2015	1 ST
PG DCA	Unitech Computer	2015	A
M.Sc	Sambalpur University	1995	1 st
+3 Science	Sambalpur University	1993	1 st class with Distinction

Publications:

1. ROUTRAY D. K. (2015) “A STATISTICAL ANALYSIS ON THE ROLE OF WOMEN IN POLITICS” pg: (41-46) In: GENDER, SOCIETY AND CULTURE, **MANGLAM PUBLICATIONS**, Delhi (edited volume)
2. ROUTRAY D. K. (2018) “HEALTH EXPENDITURE AND FINANCING PROVISIONS IN THE NEW ERA” **E R PUBLICATION**, Vol: 7, Issue-3, Pg: 96-102,
3. ROUTRAY D. K. (2018) “HEALTH STATISTICS TREND AND CHALLENGES IN 21ST CENTURY” **IJRAR**, Vol: 5, Issue-2, Pg: 1250-1254,

4. ROUTRAY D. K. (2018) "STATISTICS AND DATA SCIENCE-TREND AND CHALLENGES IN 21ST CENTURY" *IJMESS*, Vol: 7, Issue-3, Pg: 80-86.
5. ROUTRAY D. K. (2018) "SELECTION OF APPROPRIATE STATISTICAL METHODS FOR RESEARCH ANALYSIS" *IJARSE*, Vol: 7, Issue-2, Pg: 138-147.
6. D.K ROUTRAY, Dr. PURNAMASI PANDA, AKASH KUMAR MEHER (2018) "FORECASTING AND TIME SERIES ANALYSIS" *IJMTE*, Vol: 8, Issue XI, Pg: 1568-1572
7. ROUTRAY D. K. (2020) "USE OF MATHEMATICAL STATISTICS IN SOCIAL SCIENCES" *INTERNATIONAL JOURNAL OF CURRENT RESEARCH*, Vol. 12, Issue, 01, pp.9616-9620,
8. ROUTRAY D. K. (2019) "SIGNIFICANCE OF CORRELATION & REGRESSION ON VITAL STATISTICS DATA-A STATISTICAL ANALYSIS" *JOICS (ugc care)*, Issue-6, Vol: 12, pp. 82-92.
9. ROUTRAY D. K. (2020) "A STATISTICAL STUDY ON IMPACT OF SOCIAL PROBLEMS OF GIRL CHILD EDUCATION IN SUNDERGARH DISTRICT, ODISHA", **(On Press)**
10. ROUTRAY D. K. (2020) "A STATISTICAL STUDY ON THE IMPACT OF COVID-19 ON EDUCATION SYSTEM", *International Journal of Creative Research Thoughts*, Volume 8, Issue 6 PP.2612-2616, ISSN: 2320-2882
11. ROUTRAY D. K. (2021)" Estimation of population trend of Odisha by using least square method" *International Journal of Statistics and Applied Mathematics 2021*, Volume: 6 Issue: 3, Page number: **49-51**
12. ROUTRAY D. K. (2021)" Demography and Population of Odisha Tribes- A Statistical Study" *IJARESM*, Impact Factor: 7.429, Volume 9 Issue 6,
13. ROUTRAY D. K. (2021) "Applications of stochastic modeling for investment decision making under market uncertainties". *Journal of Mathematical Problems, Equations and Statistics*, Impact Factor: (RJIF 5.30), volume-2, Issue-1
14. ROUTRAY D. K. (2021) "Hypothesis Testing with One Sample" *Journal of Information and Computational Science*, UGC-Care Group-II Impact factor: 6.2, volume-11, Issue-8.
15. ROUTRAY D. K. (2021) "Creativity is the key to education" *International journal of Applied Research*, Impact Factor: RJIF 8.4, volume-7, Issue-9

Presentation:

1. Contributed talk: *A STATISTICAL ANALYSIS ON THE ROLE OF WOMEN IN POLITICS*, National UGC Sponsored Seminar, 2015.
2. Contributed talk: *HEALTH EXPENDITURE AND FINANCING PROVISIONS IN THE NEW ERA*, 11th International Conference on Research in Science, Technology and Management, Osmania University Centre for International Program, Osmania University Campus, Hyderabad (India) March 2018.

3. Contributed talk: ***HEALTH STATISTICS TREND AND CHALLENGES IN 21ST CENTURY***, International Conference on Recent Innovations in Applied Science, Engineering & Technology, IEI, Mumbai, June 2018.
4. Contributed talk: ***STATISTICS AND DATA SCIENCE-TREND AND CHALLENGES IN 21ST CENTURY***, 2nd International Conference on recent Research and Innovations in Social Science & Education (IETE) Chandigarh (INDIA), June 2018.
5. Contributed talk: ***SELECTION OF APPROPRIATE STATISTICAL METHODS FOR RESEARCH ANALYSIS***, 15th International Conference on Recent Trends in Engineering, 2018 Applied Science and Management, Gurukul Institute of Engineering & Technology, April 2018.
6. Contributed talk: ***Role of Tribal women in Panchayatiraj Institutions***, Neelasaila Mahavidyalaya, Rourkela, 2013.
7. Contributed talk: ***Man, Environment & society***, Neelasaila Mahavidyalaya, Rourkela, 2013.
8. Contributed talk: ***Forecasting and Time-Series Analysis***, 3rd International conference on Multidisciplinary Research, Institute of Engineers, Chandigarh, 2018.
9. Contributed talk: ***Use of Mathematical Statistics in Social Sciences***, (NCRAMA-2018), National Conference on Recent Advances in Mathematics and its Application, Dept. of Mathematics, National Institute of Technology, Rourkela, 2018.
10. Poster presented in Tenth International Triennial Calcutta Symposium on Probability and Statistics entitled "***Mining time-series data***". 2018
11. Contributed talk: "UNDERSTANDING DEMOGRAPHY AND POPULATION OF ODISHA TRIBES "7TH INDIA BIODIVERSITY MEET 2019 (INTERNATIONAL CONFERENCE), INDIAN STATISTICAL INSTITUTE, KOLKATA.
12. Contributed talk: "SIGNIFICANCE OF CORRELATION & REGRESSION ON VITAL STATISTICS DATA-A STATISTICAL ANALYSIS" INTERNATIONAL CONFERENCE & ACADEMIC EXCELLENCE AWARD ON RECENT INNOVATION AND INTERDISCIPLINARY RESEARCH. 2019
13. "***RESOURCE PERSON***" NATIONAL SEMINAR ON STOCHASTIC PROGRAMMING. GOVT. AUTONOMOUS COLLEGE, ROURKELA. 2019

Others:

1. ***Got Minor Research Project from UGC and completed.***
2. Member of International ***Indian Statistical Association.***
3. Participated in management Development Program at IIPM, Kansbahal, 2010.
4. Participated in orientation programme conducted by C.H.S.E, Odisha, 2008.
5. Participated in work shop conducted by census of India & Nit, Rourkela in the topic "CENSUS DATA DISSEMINATION WORK SHOP" IN 2015
6. Participated in work shop conducted by NISER, (REGIONAL WORKSHOP ON RESEARCH BASED PEDAGOGICAL TOOLS) Bhubaneswar, 2017.

Award: Young Active Researcher Award by A R Research Publication Ref. No. CW/2016/AYRA/2018/54 ON 30.06.2018

Experience:

1. **Serving as Head Department of Statistics in Ispat Autonomous College since 1997.**
2. Act as an N.C.C officer and commanding a company of 100 Cadets from 1999 to 2012.
Got Commissioned rank in the year 2001.
3. Organized Adventure Activities, UGC Sponsored
4. Lead the odisha contingent for Thal Sainik Camp of NCC held at New Delhi.



(Dr. Deepak Kumar Routray)

H .O .D

Department Of Statistics,
Ispat Autonomous College