TEACHER PROFILE

NAME: Dr. Rinku Saikia

Qualification: M.Sc.; M.Phil.; PhD.

Additional Qualification: SLET (Mathematical Sciences)

Designation: Assistant Professor

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Date of Joining: 01/10/2022

EDUCATIONAL QUALIFICATION:

Qualification	Course	University	Year
Undergraduate	B.Sc.	Dibrugarh University	2010
Postgraduate	M.Sc.	Dibrugarh University	2012
M.Phil.	M.Phil.	Dibrugarh University	2014
PhD.	PhD.	Dibrugarh University	2021

ACHIEVEMENTS:

Award	University	Paper Presented	Conference
Young Scientist Award	**Banaras Hindu University, Varanasi**	"A Study on Different Forms of Regression Models in Studying the Survival of Oesophagus Cancer Patients' in Assam, India."	International Conference on Recent Application of Statistical Techniques and Analysis (**RASTA-2021)** organized by Department Of Statistics, Banaras Hindu University during 15-17 December, 2021
The Student Award of Excellent Presentation	**Waseda University, Japan**	"An Observation on Comparing of Cox Proportional Hazard Model with Accelerated Failure Time Models in Survival Data".	International Conference of **FIM-IMIP-UMSO 2021** during 26-28 December, **Waseda University, Japan,**

CARRIER PROFILE:

Teaching experience (in years)	Institute	Position held	Course/ subject taught
5 years 2 months	Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, Behali, Biswanath	Assistant Professor	B.Sc; (Statistics Hons. And pass course), Higher secondary

PAPERS PRESENTED IN CONFERENCES, SEMINARS ETC.:

Title of the Paper	Date & Place of Presentation	Name & Status of the Seminar
A Review on Accelerated Failure Time Models	22-24 December, 2016, Manipal University, Jaipur	International
Comparing Cox Proportional Hazard Model and Parametric Proportional Hazard Model in the Analysis of Esophagus Cancer Patient Data	24-25 March, 2017 Dept. Of Statistics, Dibrugarh University, Dibrugarh.	National
Generalized Exponential Accelerated Failure Time Model	14-16 December, 2017 Dept. Of Statistics, University of Kerela, Trivandrum.	International
Fitting Accelerated Failure Time Models in case of Oesophagus Cancer Patients Data	21-22 November,2019 Dept. Of Statistics, NEHU, Shillong.	National
Fitting Parametric Accelerated Failure Time with Frailty Model in Case of Oesophagus Cancer Patients Data	28-30 June, 2020 Dept. Of Mathematics, Dibrugarh University, Dibrugarh.	International
A Study on Different Forms of Regression Models in Studying the Survival of Oesophagus Cancer Patients in Assam, India	15-17 December, 2021, Department Of Statistics, Banaras Hindu University, Varanasi.	International
An Observation on Comparing of Cox Proportional Hazard Model with Accelerated Failure Time Models in Survival Data	26-28 December, 2021, FIM-IMIP-UMSO 2021, Waseda University, Japan	International

Research Papers Published in Journals:

Title with page nos.	Journal	ISSN/ISBN No.
Factors Influencing Infant Mortality in North – East India: A Statistical Analysis , Vol-1, No.2, PP 92-100	A Journal of Multidisciplinary Research	ISSN- 2320-1096
Comparing Cox Proportional Hazard Model and Parametric Counterpart in the Analysis of Esophagus Cancer Patient Data, Volume 12,Issue 5, PP 16-21	IOSR Journal of Mathematics (IOSR- JM)	e-ISSN: 2278-5728 P-ISSN: 2319-765X
Cox Proportional Hazard Model with Time Dependent Covariates: A Review	Assam Statistical Review	ISSN-0976-4291
A Review on Accelerated Failure Time Models:Volume 12, Number 2 (2017), pp. 311-322	International Journal of Statistics and Systems (IJSS)	ISSN-0973-2675

Comparing Accelerated Failure Time Models with Its Specific Distributions in the Analysis of Esophagus Cancer Patients Data: Volume 12, Number 2 (2017), pp. 411-424	International Journal of Computational and Applied Mathematics (IJCAM)	ISSN-1819-4966

BOOK CHAPTER:

Title of paper	Book
Accelerated Failure Time Models in case of Survival data: A Worm's –Eye View	Demystifying Research in Mathematical Sciences, ISBN: 978-81-929186-9-3
A comparative study on cox proportional hazard model with some parametric proportional hazard models in case of esophagus cancer patients' data	Recent Trends in Biological Research ISBN: 978-9393114-00-6

STAFF DEVELOPMENT PROGRAMS ATTENDED:

Name of the course	Place	Duration	Sponsoring Agency
Orientation Course	University of Hyderabad	4 weeks (17/01/2020 to 06/02/2020)	UGC -HRDC
Refresher Course	NEHU	2 weeks (15/02/2021 to 27/02/2021)	UGC-HRDC
Refresher Course	Ramanujon College, University of Delhi	2 weeks (06/06/2022 to 20/06/2022)	Teaching Learning Center, Ministry of Education
FDP	Dibru College, Dibrugarh	1 week (06/07/2020 to 11/07/2020)	Dibru College, Dibrugarh
FDP	Dakshin Kamrup College, Mirza	1week (20/07/2020 to 27/07/2020)	E&ICT Academy IIT Guwahati
FDP	HPB Girls College, Golaghat	1 week (03/08/2020 to 08/08/2020)	Spoken Tutorial, IIT Bombay-NMEICT, MHRD
FDP	D.R. College, Golaghat	1 week (20/10/2020 to 27/10/20202	Spoken Tutorial, IIT Bombay-NMEICT, MHRD
FDP	Science- Tech Institute, Lucknow, UP	1 week (21/12/2021 to 27/12/2021)	Manraj Kuwar Singh Educational Society

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