

## PALLABI MEDHI

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Department of Mathematical Science.  
Tezpur University.  
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**Academic Qualification:** M.Sc. , Ph. D.

**Title of Thesis:** An Investigation into Customer Behaviour in Queues.

### **Software Skill:**

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SPSS, R, C, C++.

### **Area Of Interest:**

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- (a) Analysis in Queues.
- (b) Data Analysis.

### **Research(Work) Experiences:**

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1. Associated as a **field investigator** for monitoring the field survey of DLHS-3 in the state of Assam on behalf of the PRC, Utkal university, Orissa.
2. Associated as a **project assistant** in the project entitled “ Effect of socio-economic, demographic and cultural factors on the mothers and child health of slum and non-slum areas of Guwahati city- A statistical study” sponsored by MOSPI (Ministry of Statistics and Programme Implementation) for 2 year.
3. Data analysis in different Project in time of M.Sc in Gauhati University, Department of Statistics in between Aug 2005-to Aug 2007.
4. Research Scholar, Dept. of Statistics, Gauhati University from 2009 to 2012.

### **List of Publications in International Referred Journals:**

1. **Choudhury, A. and Medhi, P. (2013).** Performance Evaluation of a Finite Buffer System with Varying Rates of Impatience. **iSTATiSTik: Journal of Turkish Statistical Association**, Vol.6, No. 1, pp: 42-55.
2. **Choudhury, A. and Medhi, P. (2013).** Customers Impatience in a Service facility with limited waiting space. **International Journal of Mathematics in Operational Research**, Vol. 5, No. 3, pp: 387-406.
3. **Medhi, P. and Choudhury, A. (2012).** Aspects of Impatience in a Finite Buffer Queues. **RAIRO-OPERATIONS RESEARCH**, Vol. 46, No. 3, pp: 189-209.
4. **Medhi, P. and Choudhury, A. (2012).** A Few words on  $M/E_K/1/1$  Queuing model with reneging customer. **International Journal of Applied Mathematics and Statistical Sciences**, Vol.1 No.1, pp: 1-7.
5. **Choudhury, A. and Medhi, P. (2012).** A Simple Analysis of Customers Impatience in Multiserver Queues. **Journal of Applied Quantitative Methods**, 2010, Vol. 5, No.2, pp: 181-198.

6. **Choudhury, L., Bhagawati, B. and Medhi, P. (2012).** Assessment of various factors influencing Reproductive health of Women of slum and non-slum areas of Guwahati. **Indian Journal of Maternal and Child Health**, 2012, Vol.14, No 1, pp: 1-9.
7. **Choudhury, A. and Medhi, P. (2011).** Balking and Reneging in Multiserver Markovian Queuing System. **International Journal Mathematics in Operational Research**, Vol. 3, No. 4, pp: 377-394.
8. **Choudhury, A. and Medhi, P. (2011).** A simple analysis of Customer Impatience in Multiserver Markovian Queue. **International Journal of Applied Management Science**, Vol.3, No. 3, pp: 294-315.
9. **Choudhury, A. and Medhi, P. (2011).** Some Aspects of Balking and Reneging in Finite Buffer Queues. **RAIRO-OPERATIONS RESEARCH**, 2011, Vol. 45, No.3, pp: 223-240.

**Presented Paper:**

Title of the Paper	Authors	Oral/Poster Presentation	Name of the Seminar/Conference	Date	Venue
1. Balking and Reneging in Multiserver Markovian Queuing System.	Amit Choudhury and Pallabi Medhi	Oral	55 <sup>th</sup> Annual Technical Session of Assam Science Society	15 <sup>th</sup> February, 2010	Gauhati University
2. Reneging Phenomenon in Queuing System: A Review.	Pallabi Medhi and Amit Choudhury	Oral	Recent Trends in Statistics and its Applications	3 <sup>rd</sup> -4 <sup>th</sup> February, 2012	Dept. of Statistics, Arya Vidyapeeth College
3. A few words on M/E <sub>k</sub> /1/1 Queuing model with Reneging Customers.	Pallabi Medhi and Amit Choudhury	Oral	57 <sup>th</sup> Annual Technical Session of Assam Science Society	16 <sup>th</sup> March, 2012	Gauhati University
4. Perspectives on Balking and Reneging in M/M/1/k Queues	Amit Choudhury and Pallabi Medhi	Oral	Seventh International Triennial Calcutta Symposium on Probability and Statistics	Dec 28-31, 2009	Department of Statistics, University of Calcutta and Calcutta Statistical Association

**List of seminar and workshop attended:**

<b>Sl. no</b>	<b>Name of the seminar/conference</b>	<b>Date</b>	<b>Venue</b>	<b>Paper Presented</b>	<b>Organized by</b>
<b>1</b>	<b>55<sup>th</sup> Annual technical session of Assam Science Society</b>	<b>15<sup>th</sup> Feb, 2010</b>	<b>Gauhati University</b>	<b>Yes</b>	<b>Dept of Statistics, Gauhati University &amp; Assam Science Society</b>
<b>2.</b>	<b>Recent trends in Statistics and its application</b>	<b>3<sup>rd</sup> -4<sup>th</sup> Feb, 2012</b>	<b>Dept. of Statistics, Arya vidyapeth college</b>	<b>Yes</b>	<b>Dept of Statistics, Dibrugarh University &amp; Assam Science Society</b>
<b>3</b>	<b>57<sup>th</sup> Annual technical session of Assam Science Society</b>	<b>16<sup>th</sup> March, 2012</b>	<b>Gauhati University</b>	<b>Yes</b>	<b>Dept of Statistics, Gauhati University &amp; Assam Science Society</b>
<b>4</b>	<b>Workshop on Time series and Regression Analysis</b>	<b>22<sup>nd</sup> -23<sup>rd</sup> Dec, 2010</b>	<b>Dept of Statistics, Gauhati University</b>	<b>No</b>	<b>Dept. of Statistics, Gauhati University.</b>
<b>5</b>	<b>Demographic Surveys in rural India: State of the Art</b>	<b>16<sup>th</sup> -18<sup>th</sup> June,2012</b>	<b>Dept. of Statistics, Arya vidyapeth college</b>	<b>No</b>	<b>Dept of Statistics, Arya Vidayapeeth &amp; BIRU, ISI</b>
<b>6.</b>	<b>Questionnaire design on social science research</b>	<b>23<sup>rd</sup> -28<sup>th</sup> July,2012</b>	<b>ISI, Kolkata</b>	<b>No</b>	<b>Sampling and official Statistics Unit of ISI, Kolkata</b>
<b>7.</b>	<b>Statistical Computing and its Applications</b>	<b>29<sup>th</sup> Nov- 1<sup>st</sup> Dec, 2012</b>	<b>Dept. of Statistics,, NEHU, Shillong</b>	<b>No</b>	<b>Dept. of Statistics, NEHU, Shillong and ISI, Kolkata.</b>
<b>8.</b>	<b>Recent Advances in Mathematical Statistics and its Application in Applied Science</b>	<b>31<sup>st</sup> Dec, 2012- 2<sup>nd</sup> Jan,2013</b>	<b>Dept. of Statistics, Gauhati University</b>	<b>No</b>	<b>Dept. of Statistics, Gauhati University</b>

**Personal Details:**

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**Name:-** Pallabi Medhi.

**Date Of Birth :-** 1<sup>st</sup> Feb 1984.

**Sex :-**Female

**Marital Status :-** Unmarried

**Permanent address:-**

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