

RESUME

DR. PUJA THAPLIYAL

C-48, MANDAKINI APARTMENTS, PITAMPURA , DELHI 110034|
9958627168 ,8130265129| PUJATHAPLIYAL98@GMAIL.COM

EDUCATION

University of Delhi, Delhi

Ph.D Statistics **2017**

Thesis title: "Some contributions to Trend Free Design".

MPhil Statistics [Design of Experiment]

University of Delhi, Department of Statistics. **2000**

M.Sc Statistics

Hindu College, North Campus, University of Delhi.

with spl. Biostatistics, operational research and

Design of experiment. **1998**

B.Sc (Honours) Statistics

Sri Venkateswara College, South Campus, University of Delhi.

Statistics , computer programming languages **1996**

TEACHING EXPERIENCE

Lady Shri Ram college for women, Lajpat Nagar, Delhi-24

Ad-hoc faculty in Department of statistics **2000- 2003**

P.G.D.A.V. College, Nehru Nagar, Delhi-65 **2003**

Ad-hoc Faculty.

RamLal anand College, South campus, Moti Bagh, Delhi-21

Ad-hoc faculty in Department of Statistics, **2004-2005**

[Developed syllabus and overall course structure,
including weekly lab practicum, and administered all
grades.]

Hindu college, North Campus, University of Delhi

Ad-hoc faculty in Department of statistics

2005

College of Business studies Vivek vihar, University of Delhi Delhi-95

Ad-hoc faculty

Ram Lal anand College, south campus, Moti bagh, Delhi-21

Ad-hoc faculty in Department of Statistics,

2009-2010

[Developed syllabus and overall course structure, including weekly lab practicum, and administered all grades.]

GUEST FACULTY IN DU

- ❖ **P.G.D.A.V. COLLEGE: DEPTT.OF STATISTICS IN 2003**
- ❖ **INSTITUTE OF HOME ECONOMICS : 2007-2008**
- ❖ **RAM LAL ANAND COLLEGE: 2003-2004**
- ❖ **SV COLLEGE: 2009-2010**
- ❖ **KIRORI MAL COLLEGE: 2007-2009**
- ❖ **SV COLLEGE: 2013-2014**

RESEARCH EXPERIENCE

1. Six papers published in different international journal :

- [1]. Singh, P.,Thapliyal, Puja. and Budhraj, V. (2013). “ Construction of Trend Free Run Orders for Orthogonal Arrays using Linear Codes”. *International Journal of Engineering and Innovative Technology*, vol-3, issue-1, pages:69-73.
- [2]. Singh, P., Budhraj, V. and Thapliyal, Puja. (2014). “ Trend Free Orthogonal Arrays using some Linear Codes”. *International Journal of Scientific and Engineering Research*, vol-5,issue-7, pages: 1512-1520.(ISSN 2229-5518).
- [3]. Singh, P., Thapliyal, Puja. and Budhraj, V. (2014). “ Construction of Fractional Factorial Designs with some Linear Trend Free Effects through Finite Field”. *Journal of Combinatorics, Information and System Sciences*, vol-39, no.1-2, pages:57-76.ISSN: 0250-9628.
- [4]. Singh P, Thapliyal P, Budhraj V (2016). A Technique to Construct Linear Trend Free Fractional Factorial Design Using Some Linear Codes *International Journal of Statistics and Mathematics* 3(1): 073-081. ISSN: 2375-0499.
- [5]. Singh P, Thapliyal P, Budhraj V (2016).Construction of Linear Trend Free Fractional Factorial Designs using Linear Codes. *International journal of Agricultural and Statistical Sciences*. Vol.12, No.1, June 2016.
- [6]. Thapliyal P., Budhraj. and Singh P.(2017). Restricted Randomised Two-Level Fractional Factorial Designs using Gray Code. *IJCMS*, JULY 2017,ISSN 2347-8527

2. Fellowships/Projects awarded

The fellowship of worth Rs. 15 Lakh have been awarded under women scientist scheme of DST, Department of Science and technology , for a period of three years, to work in the project entitled “Cost Efficient Trend Free Design”.

PAPERS PRESENTATION DETAILS

“Construction of Asymmetrical orthogonal arrays using BIBD”

Paper presented in special assistance program (SAP) conducted by Deptt.of statistics, D.U, February’2007.

“Construction of trend resistance orthogonal arrays using linear codes”

Paper presented in 96th session of Indian science congress, Vishakhapatnam, January’2008.

“Construction of minimum level change, linear trend free fractional factorial design using projective geometry” Paper presented in ICQRIT,2015, Conference on quality, reliability, infocom technology and business Operations.

December’ 2015

“Restricted Randomised Two –Level Fractional Fcatorial Designs Using Gray Code”.

Paper presented in 2nd international conference on advancement in Engineering ,Applied Science and Management (ICAEASM-2017) on July’2017.

MEMBERSHIPS & COURSEWORK DETAILS

1. Member of NSS committee of LSR college in 2000-2003..
2. Participated in Departmental cultural and academic activities of the college.
2. Mphil coursework: Attended lectures and seminars in lecture circuit on design of experiment conducted by DST and Deptt. of Statistics in 2000 - 2001.

RESEARCH ACTIVITIES:

- Participated in the 88th session of Indian Science Congress at Indian Agricultural Research Institute, Delhi in January, 2001.
- Participated in the International Conference on “Design of Experiments- Recent trends and Future Directions “ Delhi, December 2001.
- Attended research based training program : Learning Six Sigma, conducted by ISI, Delhi and University of Delhi.
- Participated in ICQRIT,2015 International conference held in delhi,Dec’2015

- Participated in the workshop on information literacy and competency in February,2010 .
- Participated in ICAEASM-2017 and presented a paper.

COMPUTER KNOWLEDGE

Spss, C-Language, Ms-Excel and some mathematical and statistical packages and internet.

PERSONAL DETAILS

Born on 1st Jan, 1975, Delhi. Married ,

Fathers name: Shri B. N. Kagdiyal

Husband's Name: Mr. Vivek Thapliyal

Hobbies: Playing light sports, organizing events .