



SCHOOL OF STUDIES IN STATISTICS
PT. RAVISHANKAR SHUKLA UNIVERSITY,
RAIPUR (C.G.)
(Established in 1965)



BROCHURE

School of Studies in Statistics was established in 1977 with major emphasis on industrial Statistics and Operations Research. At research level, guidance is available in Sampling Theory, Inference, Quality Control, Reliability Theory and Operations Research. The department is under obligation to feed train man power required in various disciplines and industrial sector of the state. The dedicated faculty actively working in applied field of Statistics have completed 10 research projects and more than 250 research papers in reputed journals. They have produced three dozens of Ph. D.'s under their supervision. Many National level Seminar/ Conferences, Workshops and Outreach Programs have been organized to the credit of the Department. A large number of senior statisticians have visited the Department.

Presently, the Department offers M. A./ M. Sc. (Statistics) with CBCS(Choice Based Credit System) and Ph. D. (Statistics) Courses. The M.A./ M. Sc. Course is divided into four Semesters with intake of 30 students. The teachers-students ratio is 1:12 and passing rate is 100%. Computer oriented courses SPSS, MS-EXCEL and R are included in the curriculum to enhance their capacity for Data Analysis. The students are required to participate in Departmental seminar to enrich their knowledge. A regular mentoring of students is done for their personality development and job point of view. Special lectures are also arranged from time to time under Public Outreach Program of the University. An interdisciplinary teaching of Statistics is also done under CBCS –a Flagship Program of the University.

Ph.D. students are required to complete a Course Work of one year duration and they have to get published at least two research papers in U.G.C. listed Journals for the award of the degree followed by regular attendance of 300 days.

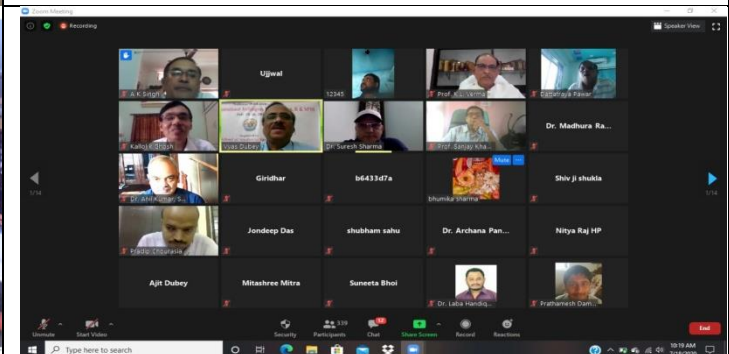
Entry among these courses is through entrance examination. Students of the Department have credit to qualify Indian Statistical Service Examination, UGC NET examination. Some of the Ph.D. students have received Young Scientists Award by Chhattisgarh Council of Science and Technology. Our Alumni are working at many reputed Govt. and Private Organizations.

Facilities: The Department is fully accompanied by internet and WI-FI facility, Smart Class and LCD Projector. There is a Laboratory equipped with 20 computers. All computers are loaded with C, C++, R and SPSS Software.

Scholarship/ Fellowship: The M.A./ M.Sc. (Statistics) First Semester Fee is Rs. 6448/- , however Chhattisgarh Govt. Scholarships are available for OBC and SC/ST students. Ph.D. students can get Junior Research Fellowship after completion of UGC/ CSIR Eligibility Test. A university Scholarship of Rs. 10000/-p.m. is also provided to some selected Ph.D. students for two years.

List of Seminar/ Conferences Organized:

1. The XX Annual Conference of ISPS & National Seminar on Industries oriented Statistical Research & Annual Conference of Bayesian Society of India, Feb. 19-21, 2000.
2. National Conference on Recent Developments in Statistical Research and National Seminar on Total Quality Management, Nov. 17-19, 2002.
3. U.G.C. Refresher Course on Data Analysis, 2008.
4. One Day Seminar on ‘Statistics and its Emerging Areas of Applications- Carrier Guidance’, Feb, 2012
5. Golden Jubilee National Conference on Recent Advances in Statistics and Applications, Nov. 15-17, 2013.
6. Statistics Day Celebration, June 29, 2019
7. Outreach program of Role of Statistics in Social Development, January 9, 2019
8. Online National Workshop on Statistical Computational Techniques using Python, R and SPSS, July 18-20, 2020.



Research Projects Completed:

| PI | Title of the Project | Funding Agency | Year |
|--------------------|--|-------------------------|-----------|
| Dr. Gauri Shankar | 1.Application of GERT Analysis in Statistical Quality Control and Reliability | DST (SP/YS/P01) | 1988-90 |
| | 2.GERT Evaluation of Queuing and Reliability Systems | MAPCOST (Maths13/90) | 1991-94 |
| | 3. Further Applications of GERT analysis to Statistical Quality Control | DST (SP/S2/K-13/91) | 1993-98 |
| | 4.GERT Evaluation of Process Control Plans | UGC (Minor) | 1998-2001 |
| | 5.Modelling of Stochastic Process Control Systems | DST (DST/MS/148/2k) | 2003-06 |
| Dr. S.K. Singh | 6. Stochastic Analysis of Some Repairable and Non-repairable Systems | MPCST, Bhopal | 1998 |
| | 7.Configurational Analysis of Integrated and Mini Steel Plants Operations | DST | 1999 |
| | 8.Reliability Models of Production Systems for Performance Evaluation of Different Industries of Raipur Area | UGC(Minor) | 2001 |
| Dr. Vyas Dubey | 9. Estimation of Population Variance in Sample Surveys | UGC(Minor) | 1999 |
| Dr. Prabha Rohatgi | 10.Practical Application of Operations Research Techniques in Health Care System | CCOST | 2012-14 |

List of Journals where our Research Papers have been Published:

| International | National |
|--|---|
| 1. Journal of American Statistical Association (USA) | 1. Calcutta Statistical Association |
| 2. Communications in Statistics, Theory and Methods (USA) | 2. Journal of Indian Statistical Association |
| 3. Quality and Reliability | 3. Journal of the Indian Society of Agricultural Statistics |
| 4. IEEE | 4. Aligarh Journal of Statistics |
| 5. Metron (Itly) | 5. Assam Statistical Review |
| 6. Sankhya (India) | 6. Gujarat Statistical Review |
| 7. Model Assisted Statistics and Applications (USA) | 7. International Journal of Management and System |
| 8. Transitions in Statistics (Neatherlands) | 8. Progress in Mathematics, B.H.U. |

Visitors of the Department:

Many Eminent Statisticians have visited the Department during Seminar/ Conferences and other University Assignments. Some of them are;

| Name and Address of Visitor | Name and Address of Visitor |
|--|---|
| 1. Prof. S.P. Kane, Former Vice- Chancellor, R.T.M. Nagpur University | 11. Prof. S.N. Dwivedi, Dept. of Bio-Statistics, AIIMS, New Delhi |
| 2. Prof. Arun Kr. Sinha, Former Vice-Chancellor, Patna University | 12. Prof. B.K. Kale, Savitribai Fule Pune University |
| 3. Prof. S.P. Mukherjee, Kolkatta University | 13. Prof. J.B. Despandey, Savitribai Fule Pune University |
| 4. Prof. J.K. Ghosh, ISI, Kolkatta | 14. Prof. Suresh Kumar Sharma, Panjab University, Chandigarh |
| 5. Prof. B.K. Sinha, ISI, Kolkatta | 15. Prof. G.B. Mishra, Utkal University, Bhubneshwar |
| 6. Prof. T.P. Tripathi, ISI, Kolkatta | 16. Prof. D.K. Ghosh, Saurashtra University, Rajkoat |
| 7. Prof. T.J. Rao, ISI, Kolkatta | 17. Prof. S.C. Malik, M.D. University, Rohtak; |
| 8. Prof. Arvind Pandey; Former Director, Indian Council of Medical Statistics, New Delhi | |
| 9. Prof. B.N. Pandey, B.H.U., Varanasi | |
| 10. Prof. R.C. Yadav, B.H.U., Varanasi | |

| Teaching Faculty: | Former Faculty: |
|-------------------------------|--|
| 1. Dr. V. Dubey, Prof. & Head | 1. Prof. H.R. Singh, Former Vice Chancellor, Pt. Ravishankar |

| | |
|--|--|
| 2. Dr. Pradip Kumar Chourasia, Guest Faculty | Shukla University, Raipur |
| 3. Dr. Jaya Rathor, Guest Faculty | 2. Prof. Gauri Shankar |
| 4. Miss. Yeesha Verma, Guest Faculty | 3. Prof. S.K. Singh, Vice-Chancellor, Bastar University, Jagadapur |
| | 4. Prof. (Mrs.) Prabha Rohatgi |

5. **Extra Curriculum :**

(1) Cultural Program

(2) Sports



(3) Plantation

(4) Local Tour



Prestigious Awards/ Honors received by Faculty/Research Scholars:

| Name | Award | Year |
|--|---|--------------|
| Dr. Vyas Dubey, Professor | 1.UGC (JRF) through NET (Statistics) 2. Young Scientist Award, MPCOST | 1986 1989 |
| Dr. Satrendra P. Singh, Research Scholar | Young Scientist Award, CCOST | 2001 |
| Dr. Kanti Sahu, Research Scholar | 1.UGC NET (Population Studies) 2. Young Scientist Award, MPCOST | 2014 2015 |

Our Alumni:

1. Dr. A.K. Singh, Prof. & Head, Dept. of Statistics, IGKVV, Raipur
2. Dr. R.C. Ram , Ex-Professor, Dept. of Community Medicine, Pt. J.N.M. Govt. Medical College, Raipur
3. Mr. Roshan Lal Sahu, Director General, Directorate of Economics and Statistics, Naya Raipur
4. Dr. S. Joseph, Asst. Commissioner, Rural Development, Govt. of Chhattisgarh
5. Mr. S.K. Dutta, D.G.M. (System), C.G. Minor Forest Produced (T&D), Raipur
6. Mr. C.P. Shyam Kumar, General Manager, Chhattisgarh State Power Co. Ltd, Raipur
7. Dr. Hemant Kumar Sharma, Hospital Supdt., Super Speciality Hospital, Raipur
8. Dr. Anil Kr. Dubey, Senior Manager, State Bank of India, Raipur
9. Mr. Prashant Rai, AGM, NHB, New Delhi
10. Dr. Dharmendra Gangeshwar, Associate Professor, Bhilai Institute of Technology, Durg

Consultancy: Honorary consultancy is provided by the Faculty to every stakeholder from different Industries and Private/ Govt. Hospitals for their research work.

Contact Person

Dr. V. Dubey

Head, SoS in Statistics

Pt. Ravishankar Shukla University, Raipur, (C.G.)-492010.

Email ID- dubey_vyas@rediffmail.com, Mob. 9926115054