



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



## **BROCHURE**

### **About the Department**

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, Quality Control, and Operations Research. The department is under obligation to feed train manpower required in various disciplines and industrial sectors 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 34 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 are divided into four Semesters with intake of 20 students. The teachers-students ratio is about 1:4 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.

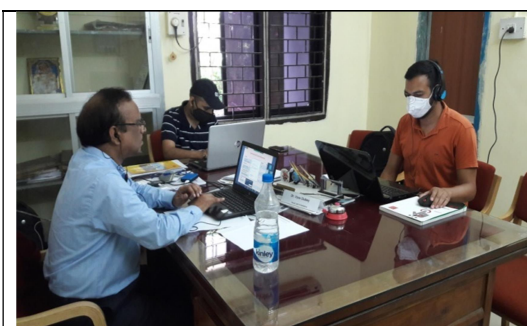
Entry among these courses is through entrance examination. Students of the Department have credit to qualify Indian Statistical Service Examination, UGC NET, CGPSC, CGVYAPAM and other competitive examinations. Some of the Ph.D. students have received Young Scientists Award by Chhattisgarh Council of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

**Facilities:** The Department is fully accompanied by internet and WI-Facility, Smart Class and LCD Projector. There is a Laboratory equipped with 14 computers. All computers are loaded with C, C++, R and SPSS Software.

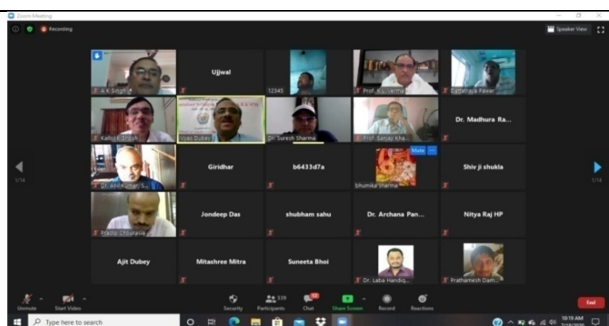
**Scholarship/ Fellowship:** The M.A./ M.Sc. (Statistics) First Semester Fee is Rs.6410/- , however Chhattisgarh Govt. Scholarships are available for OBC and SC/ST students. Ph.D. students can get Junior Research Fellowship after completion of UGC/ CSIR Eligibility Test. A university Scholarship of Rs.10000/-p.m. 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.
9. Public Outreach Lecture on 'Statistical Methods in Social Media and biological Science', March 4, 2022
10. Public Outreach Lecture on 'Statistical Techniques in Data Science and Machine Learning', "January 23, 2023
11. Statistics Day Celebration in collaboration with NSO, Raipur and SOS in Economics, June 29, 2024.
12. Guest Lecture of Shri Altaf Hussain Haji (ISS), DDG, National Statistics Office Raipur. March 21, 2024.



**Online National Workshop, 2020**



**Online National Workshop, 2020**



**Public Outreach Lecture, 2023**



**Public Outreach Lecture, 2023**



**17<sup>th</sup> National Statistics Day, 2023**



**Career Guidance by Prof. Ravindra Brahme**



### Research Projects Completed:

PI	Title of the Project	Funding Agency	Year	Amount(INR)
Dr. Gauri Shankar	1.Application of GERT Analysis in Statistical Quality Control and Reliability	DST	1988-90	0.95 Lac
	2.GERT Evaluation of Queuing and Reliability Systems	( SP/YS/P01) MAPCOST (Maths13/90)	1991-94	0.48 Lac
	3. Further Applications of GERT analysis to Statistical Quality Control	DST ( SP/S2/K-13/91)	1993-98	3.41 Lac
	4.GERT Evaluation of Process Control Plans	UGC (Minor)	1998-2001	0.22 Lac
	5.Modelling of Stochastic Process Control Systems	DST ( DST/MS/148/2k)	2003-06	6.68 Lac
Dr. S.K. Singh	6. Stochastic Analysis of Some Repairable and Non-repairable Systems	MPCST, Bhopal	1998	0.55 Lac
	7.Configurational Analysis of Integrated and Mini Steel Plants Operations	DST	1999	7.19 Lac
	8.Reliability Models of Production Systems for Performance Evaluation of Different Industries of Raipur Area	UGC( Minor)	2001	0.10 Lac
Dr. Vyas Dubey	9. Estimation of Population Variance in Sample Surveys	UGC( Minor)	1999	0.10 Lac
Dr. P. Rohatgi	10.Practical Application of Operations Research Techniques in Health Care System	CCOST	2012-14	0.50 Lac

### 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 ( Netherlands)	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, AllMS, New Delhi
2. Prof. Arun Kr. Sinha, Former Vice-Chancellor, Patna University	12. Prof. B.K. Kale, SavitribaiFule Pune University
3. Prof. S.P. Mukherjee, Kolkatta University	13. Prof. J.B. Deshpande, SavitribaiFule 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, Rajkot
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	18. Shri Altaf Hussain Haji (ISS), NSO Raipur
9. Prof. B.N. Pandey, B.H.U., Varanasi	
10. Prof. R.C. Yadav, B.H.U., Varanasi	

Teaching Faculty:	Former Faculty:
1. Dr. Dharmendra Kumar Gangeshwer, Professor	1. Prof. H.R. Singh, Ex. Vice Chancellor, Pt. Ravishankar Shukla University, Raipur
2. Dr. Pradip Kumar Chourasia, Guest Faculty	2. Prof. Gauri Shankar, Professor
3. Dr. Jaya Rathor, Guest Faculty	3. Prof. S.K. Singh, Ex. Vice-Chancellor, Bastar University, Jagadaiapur
4. Dr. Suchita Agrawal, Guest Faculty	4. Prof. ( Mrs.) Prabha Rohatgi, Professor
5. Mr. Krishna Kumar, Guest Faculty	5. Dr. V. Dubey, Professor
6. Miss. Shubhangi Thakur, Guest Faculty	

### Prestigious Awards/ Honors received by Faculty/Research Scholars:

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

### Teaching Pedagogy

- Expert Lectures
- Tutorials
- Seminars
- Assignments
- Lab Work
- Project Work
- Field Work
- Group Discussion



## Distinguished Alumni

S.N.	Name	Year	Current Position Held	
1	Dr. A. K. Singh	1996	Prof. & Head, Department of Statistics, IGKV, Raipur, C. G.	
2	Mr. Roshan Lal Sahu	1998	DDG, Directorate of Economics and Statistics, Raipur, C.G.	
3	Dr. Praveen Kumar Shrivastava	2004	Chhattisgarh Institute of Medical Sciences, Bilaspur, C.G.	
4	Dr Dharmendra Kumar Gangeshwer	2005	Professor, School of Studies in Statistics, Pt. R. S. U. Raipur	
5	Mr. Prasant Kumar Rai	2006	AGM, National Housing Bank, Noida, Uttar Pradesh	
6	Dr. AlokShrivastava	2012	Professor, Department of Statistics, Navasari, Gujrat	
7	Mr. Kailash Sahu	2014	Block Dev. Education Officer, C. G.	
8	Dr. KantiSahu	2015	Statistician, Govt. DKS Hospital, Raipur, C. G.	
9	Mr. Gaurav Sharma	2017	Data Analyst, Bread Financial, Bangalore	
10	Mrs. Sanyogita Sahu	2018	Block Dev. Education Officer, C. G.	
11	Miss. Vibha Sahu	2019	Risk Analyst, S & P Global, Hyderabad	

## Job Prospects

- Indian Statistical Services
- Assistant Director (Department of Economics & Statistics)
- Statistician (Medical Colleges)
- Data Analyst
- Data Scientist
- Business Analyst
- Market Researcher
- Cost Estimator

## Extra Curriculum Activity:

		
<b>Statistics Day ,2024</b>	<b>Alumni Meet, 2025</b>	<b>Guest Lecture, 2025</b>

	
<b>Cultural Event, 2023</b>	<b>Sports Event, 2023</b>

		
<b>Quiz Competition,2023</b>	<b>Sports Event,2020</b>	<b>Sports Event,2019</b>

**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. Dhramendra Kumar Gangeshwer

Professor, SoS in Statistics

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

Email ID: [dkgangeshwerstats@gmail.com](mailto:dkgangeshwerstats@gmail.com), Mob. 9340376354