

Barshi Shikshan Prasarak Mandal's

Shriman Bhausahab Zadbuke Mahavidyalaya, Barshi

Zadbuke Marg, Latur Road, Barshi, Dist - Solapur, Maharashtra, India - 413401

DEPARTMENT OF STATISTICS

Profile

About the Department

The department of Statistics was started in 1980. The first faculty of the department was N.S.Dhoni. There had been three Full time faculty. We as a department run B.sc statistics as a regular course. Apart from the course we have Active MoUs to organize different kinds of activities programmes and events. As well we have few certificate courses. The faculty members are activity involved in research, extension and community services.

Courses :

	Courses	Duration	Required Qualification
Degree	B.Sc	3	10+2
Certificate	-----	-----	-----

2) Faculty and Staff :

Sr. No.	Name	Designation	Qualification
1	Dr. H.S. Patil	Principal	M.Sc.,M.Phil.,Ph.D,D.c.M

3) MoU's :

Sr.No	Name of Body	Status such as University/Professional Association /NGO/ other Bodies /Advisory Boards	Place	Post Held	Year
1.	Shivaji University Statistics Teachers Association	Professional Association	Kolhapur	Life Member	1999 to 2019
2.	Shivaji University Statistics Teachers	Professional Association	Kolhapur	Life Member	1987 to 2019

	Association				
3.	R.R.Committee statistics	Solapur University,solapur	Kolhapur	Member	2012 to 2019
4.	BOS in Statistics	Solapur University,solapur	solapur	Chairman	2014 to 2019

4) Course Outcomes :

Sr. No.	Course	Outcomes
1.	B.Sc	<p>The student graduating with the Degree B.Sc. (General) Statistics should be able to</p> <ol style="list-style-type: none"> 1. Demonstrate the ability to use skills in Statistics and different practicing areas for formulating and tackling Statistics related problems and identifying and applying appropriate principles and methodologies to solve a wide range of problems associated with Statistics. 2. Acquire <ol style="list-style-type: none"> i. fundamental/systematic or coherent understanding of the academic field of Statistics and its different learning areas and applications. ii. procedural knowledge that creates different types of professionals related to subject area of Statistics, including professionals engaged in government/public service and private sectors; 3. Recognize the importance of statistical modeling and computing, and the role of approximation and mathematical approaches to analyze the real problems using various statistical tools. 4. Plan and execute Statistical experiments or

investigations, analyze and interpret data/information collected using appropriate methods, including the use of appropriate statistical software including programming languages, and report accurately the findings of the experiment/investigations.

5. Demonstrate relevant generic skills and global competencies such as

- i. problem-solving skills that are required to solve different types of Statistics- related problems with well-defined solutions, and tackle open-ended problems that belong to the disciplinary-area boundaries;
- ii. investigative skills, including skills of independent thinking of Statistics-related issues and problems;
- iii. communication skills involving the ability to listen carefully, to read texts and reference material analytically and to present information in a concise manner to different groups/audiences of technical or popular nature;
- iv. analytical skills involving paying attention to detail and ability to construct logical arguments using correct technical language related to Statistics and ability to translate them with popular language when needed;
- v. ICT skills;
- vi. personal skills such as the ability to work both independently and in a group.

6. Demonstrate professional behavior such as

		<p>i. being objective, unbiased and truthful in all aspects of work and avoiding unethical, irrational behavior such as fabricating, falsifying or misrepresenting data or committing plagiarism;</p> <p>ii. the ability to identify the potential ethical issues in work-related situations;</p>
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5) Syllabus

B.Sc.I

<http://www.sus.ac.in/uploads/bos/Syllabus%202022%2023/Science/UG/5%20BSc%20I%20Statistics.pdf>

B.Sc.I

[http://www.sus.ac.in/uploads/science/Science%20Revised%20Semester%20Pattern/All%20B.Sc.I%20\(Sem-I&II\)%20CBCS\(2016-17\)/B%20Sc%20I%20Statistics.pdf](http://www.sus.ac.in/uploads/science/Science%20Revised%20Semester%20Pattern/All%20B.Sc.I%20(Sem-I&II)%20CBCS(2016-17)/B%20Sc%20I%20Statistics.pdf)

B.Sc.I

https://su.digitaluniversity.ac/WebFiles/B%20Sc%20I%20Statistics%20%20Syllabus%20June_2019-20.pdf

B.Sc II

[http://www.sus.ac.in/uploads/science/Science%20Revised%20Semester%20Pattern/All%20B.Sc.II%20\(Sem-III&IV\)CBCS%20\(2017-18\)/BOS%20B%20Sc%20II%20Statistics.pdf](http://www.sus.ac.in/uploads/science/Science%20Revised%20Semester%20Pattern/All%20B.Sc.II%20(Sem-III&IV)CBCS%20(2017-18)/BOS%20B%20Sc%20II%20Statistics.pdf)

B.Sc II

<http://www.sus.ac.in/uploads/bos/Syllabus%202020/BSc%20II%20Statistics%20Syllabus%2029072020.pdf>

6) Research Projects :

Sr. No.	Minor/Major	Project title	Funding Agency
1.	Minor	Sequential Procedure for various statistical Models	UGC(WRO)

8) Publications

SrNo	Title	Name of Journal /Books/Magazine/ Newspaper/Other	Status State/National/ International	ISBN/ISSN	Impact Factor	Date &Year
1.	A Note on Multinomial sampling plan.	Gujarat Statistical Review ,34 & 35, 21 – 30.	National	0379-3419	Referred & Indexed journal N.A	2007-2008
2.	Sequential Fixed Width Conference Interval For The Parameter when Limit Depend Upon the Parameter	Gujarat Statistical Review ,34 & 35, 21 – 30	National	0379-3419	Referred & Indexed journal N.A	2007-2008
3.	Fixed Width Conference Interval $U(\theta, m\theta)$	Communication in statistics (Theory and Method),40907-915	International	0361-0926	Referred & Indexed journal 0.3	2011
4.	Two-stage Estimation Procedure for the Parameter of $U(\theta, m\theta)$ distribution.	Calcutta Statistics Association Bulletin, 64; 255-256:257-263	International	0008-0683	Referred & Indexed journal N.A	2012
5.	A purely sequential Procedure for the parameter of $U(\theta, m\theta)$ distribution.	Calcutta Statistics Association Bulletin 66; 263-264:235-240	International	0008-0683	Referred & Indexed journal N.A	2014

9) Worked as Resource Person:

Sr.No	Title of the Event	Place	Year
1	Regional workshop on Personality Development and Interview Technique	S.B.Z.Mahavidyalaya Barshi	2004-2005
2	National Seminar on application of statistics to various fields	Sangmeshwar College Solapur	2012-2013

10) Research Guidance :

Sr.No	Name Of University	No. of Student	Category M.Phil / Ph.D	Year
1.	Solapur University,solapur	03	Ph.D	2012

11) Participation in orientation / Refresher course

Sr.No	Name Of University	Date	Name Of course
1	University Of Poona,Pune	15/02/1988 TO 12/03/1988	Orientation Programme
2	Gujarat University,Ahamedabad	15/01/1991 TO 04/02/1991	Third Refresher Course In Statistics
3	Shivaji University,Kolhapur	01/03/1993 To 28/03/1993	Refresher Course in Computer Application
4	Karnatak University,Dharwad	26/06/1993 To 11/07/1993	Refresher Course In Statistics

12) Participation in Seminars/Workshops/Symposia/Conference:

Sr.No	Name Of University Institution	Status- Regional/National International	Date	Mode Participation / Attended
1	Shivaji University,Kolhapur	Regional Workshop	01/11/1988 TO 06/11/1988	Attended
2	Shri Shivaji Mahavidyalaya,Barshi	Regional Symposium	10/09/1989	Participation
3	Shivaji University,Kolhapur	12-days Regional Course on "C" language	23/06/1998 To 04/07/1998	Participation
4	Shivaji University,Kolhapur	National Conference	25/11/1999 To 27/11/1999	Attended
5	SBZM,Barshi	National Seminar	15/08/2000	Participation

13) Contribution to Course Development (Syllabus Framing)

Sr.No	Name Of University/ Board	Class	Worked as	Year
1	Solapur University,solapur	B.SC -II	Chairman	2009-2010
2	Solapur University,solapur	M.Phil/Pre. Ph.D	Member	2009-2010
3	Solapur University,solapur	M.SC-II	Member	2011-2012
4	Solapur University,solapur	Ph.D(Course Work)	Member	2011-2012
5	Solapur University,solapur	B.SC -III	Member	2011-2012
6	Solapur University,solapur	B.SC -II	Member	2013-2014
7	Solapur University,solapur	B.SC –I(CGPA)	Chairman	2013-2014

16) Prestigious Alumni

Sr. No.	Name	Present Designation
1.	Miss. Jagtap Reena Rajendra	Sale Tax Officer (MPSC)
2.	Mr. Honarao Jaiprakash Sudhir	ISS

17) Parenting Policy

The department allocates the students among the faculty members equally. Every faculty member from every entry of the students takes care of the ward for Personal, Academic, Social, Psychological growth and development. It is a well-documented process as a part of IQAC's quality initiative.

18) Contact Details

Sr. No.	Faculty	Contact No	E-mail Id	Twitter/ Face book
1.	Science	9975431181	hspatil1960@gmail.com	