

Shri Shivaji Education Society Amravati's  
**SCIENCE COLLEGE**, Congress Nagar, Nagpur

**DEPARTMENT OF STATISTICS**

**INTERNAL ACADEMIC AUDIT**

**2020-2021**

1. Vision and Mission of the Department:

To give better facilities to students enabling them to enhance their overall performance.

To make students competent so that they are able to face cut throat competition outside.

2. A. Faculty Strength:

Faculty	Recruited	Vacant	Remarks
Regular	01	01	
CHB	01	01	
Ad-hoc	-	-	
Non-teaching	01	01	

B. Faculty profile

Name	Highest Qualification	Designation	Specialization	Teaching Experience
Mrs. M.A.Pande	M.Sc. M.Phil.	Associate Professor and Head	Operations Research, Nonparametric Inference, Decision theory, Functional Analysis	35 years
Ms. V.A.Chainani	M.Sc.	Assistant Professor on Clock hour basis	Operations Research	5 years

### 3. Students strength

#### A. (Winter 2020)

Year	Group	Number of Students Admitted
B.Sc. Semester I	SCSM	46
B.Sc. Semester III	SCSM	32
B.Sc. Semester V	SCSM	41

#### B. (Summer 2021)

Year	Group	Number of Students Admitted
B.Sc. Semester II	SCSM	46
B.Sc. Semester IV	SCSM	32
B.Sc. Semester VI	SCSM	41
M.Sc. I		
M.Sc. II		
Ph.D.		
Value Added Program		

### 4. Students Performance

#### A. Result Analysis (Winter 2020) UG & PG

Programme Code	Programme Name	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
	B.Sc. Semester I	45	44	97.78%
	B.Sc. Semester III	32	32	100%
	B.Sc. Semester V	41	41	100%

#### B. Result Analysis (Summer 2021 ) UG & PG

Programme Code	Programme Name	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
	B.Sc. Semester II	46	46	100%
	B.Sc. Semester IV	32	32	100%
	B.Sc. Semester VI	41	41	100%

### C. Achievements -

#### A- (Medals/Awards/Prizes at University level)

Sr.No.	Name of the Students	Class	Title
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**B- Merit Position of PG Students in RTMNU (for PG Dept. only)**

**5. Students Progression:**

Year	No. of students enrolling into higher Education	Program graduated from
	UG to PG        3	B.Sc.
	PG to Research	
	Placement        6	
	On campus	
	Off campus	

**(i) Students' publication in Extracurricular activity**

Title of the Paper	Name of Author	Title of journal	Year of publication

**(ii) Students' Extension Activity**

Sr. No.	Name of Student	Participation
1.	Ms. Paridhi Singh (Second prize winner)	Intercollegiate PPT presentation “ Know your Statistician” competition (W.S.Gosset)
2.	Ms. Sakshi Puruswani	Intercollegiate PPT presentation “ Know your Statistician” competition (C.R.Rao)

**(iii) No. of Students pursuing higher course: 3**

**(iv) Students' participation in seminar**

Student of M.Sc. Sem IV Physics participated in conference

Sr. No.	Name of Students	Conference type	Participation as
1.			

2.			
3.			

(v) Students' Learning course through-on-line

## 6. Faculty

### I. Research Paper Publications

#### A. Total Number of publications:

i) International \_\_\_\_\_

ii) National \_\_\_\_\_

#### B. Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self-citation

#### C. Faculty participation in conferences/seminar/workshop and symposia:

Name of the Faculty	Title of Conference/ Seminar/ workshop Attended	Period	Level International/ National/State /University /College	Whether Presented papers	Whether abstract /paper published in Souvenir/Abstract Book

#### D. Awards to Faculty members -

7. MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year -

Date of MOU	Organization	Purpose/Activity	Student Participate under MOU

8. Research funds sanctioned and received from various agencies, industry and other organizations -

Nature of the Project	Duration	Name of funding Agency	Amount Sanctioned	Amount Received

9. Books Published -

	Book		Book Edited
	Title	ISBN and Date	Chapter

10. Research Guidance by Faculty during the year -

Name of the guide	Ph.D		
	Awarded	Submitted	Registered

11. Alumni engagement-

a. Contributes significantly to the development of the institution through financial and other supports


b. alumni contribution during the year -

#### 12. Action Plan of the Department:

- \* Celebration of Statistics day.
- \* To organize Essay competition on *“India’s contribution in Statistics”*
- \* To organize workshop on statistical software.
- \* To arrange guest lectures.

#### 13. Best Practices of the department:

- \* Personal attention to students.
- \* Every year various projects are carried out to reinforce theory with practical.

#### 14. SWOT Analysis:

##### **Strength:**

- Versatile collection of books in the department.
- Permanent faculty of the department is a member of the subject examination committee and former member of board of studies, RTMNU, Nagpur.
- Regular evaluation of students.
- Remedial teaching to slow learners.
- Safe and secured environment for co-education.

##### **Weakness:**

- Average students seek admission.

##### **Opportunities:**

- Statistics as a subject has ample opportunities in private as well as Govt. departments.
- More opportunities are available to exhibit students’ talent by organizing problem solving competition, project presentation competition, seminars, workshops and exhibitions at college and university level.

##### **Threat/Challenge:**

- Due to the pattern being MCQ could be a threat for performance of average students if they don't study thoroughly.

M. A. Pande

Head of Department