

Departmental Profile

1. Name of the Department : Mathematics

2. Year of Establishment : 1996

3 . Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

UG	PG	Research	Other
F.Y.B.Sc.,S.Y.B.Sc.,F.Y.B.C.A.(Sc.)	Nil	Nil	Course in 'Mathematics of Operations Research'

4 . Names of Interdisciplinary courses and the departments/units involved:

Course in 'Mathematics of Operations Research' for F.Y.B.Sc. and F.Y.B.C.A.(Sc.) students

5 . Annual/ semester/choice based credit system (programme wise)

Annual	Semester	Credit System
F.Y.B.Sc.	S.Y.B.Sc.	F.Y.B.C.A.(Sc.)

6 . Participation of the department in the courses offered by other departments:

Guidance of Mathematics for M.P.S.C. Coaching class students, Banking course students.

7. Courses in collaboration with other universities, industries, foreign institutions: Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9 . Number of teaching posts

	Sanctioned	Filled
Teaching Posts	1Full Time & 1 C.H.B.	1 Full Time Associate Professor and 1C.H.B. Assistant Professor

* Out of Total filled post: Associate Professor and Assistant Professor

10 . Faculty profile with name, qualification, designation, specialization

Name	Qualification	Designation	Specialization	No. of Years of Experience
Deepak R.Anjal	M.Sc.B.Ed.M.Phil.	Associate Professor	Operations Research at M.Sc. Fuzzy Mathematics at M.Phil.	23

11. List of contributory (Visiting) faculty:

Name	Designation	Area of Research/Expertise
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12 . Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty

Programme	Total workload of department	Total workload of permanent faculty	Lectures delivered by temporary faculty		Practical classes handled by temporary faculty	
			No.	%	No.	%
F.Y.B.Sc., S.Y.B.Sc., F.Y.B.C.A.(Sc.)	27	18	9	33.33%	Nil	Nil

13 . Student -Teacher Ratio (Programme wise)

Level	Class	Number of teachers	Student:Teacher Ratio
UG	Students Strength (FY+SY+TY): 92+24+0=116	2	116:2
PG	Students Strength (Part-I+ Part-II)		

14 . Number of academic support staff (technical) and administrative staff; sanctioned and filled

Number of Support Staff (Lab Assistant and Lab Attendant)		
	Sanctioned	Filled
Lb Assistants	Nil	Nil
Lab Attendants	1	1

15 . Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Qualifications of Teaching Faculty			
Ph.D.	M. Phil.	PG with SLET/NET	PG
Nil	1	Nil	1

Note: Some M.Phil./ Ph.D. degree holders have also cleared NET/SLET

16 . Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17 . Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. & total grants received

Name of the Faculty	Title of Project	Name of Funding Agency	Grant Received (Rs)	Status (Minor/Major)
Nil	Nil	Nil	Nil	Nil

18 . Research Centre /facility recognized by the University : Nil

19. SPPU, Pune recognized Research Center for M.Phil. and Ph.D.

Name of the Recognized Research Guide	M.Phil./ Ph.D.	No of Ph.D. students Guided		No of M.Phil students Guided	
		Completed	Ongoing	Completed	Ongoing
Nil	Nil	Nil	Nil	Nil	Nil

20. Associated Guides :

Name of the Recognized Research Guide	M.Phil./ Ph.D.	No of Ph.D. students Guided		No of M.Phil students Guided	
		Completed	Ongoing	Completed	Ongoing
Nil	Nil	Nil	Nil	Nil	Nil

19 . Publications:

Name of the Faculty	Research Papers			Total Publication	Books	Edited Book	Total Citation	H Index	Impact Factor
	International	National	Proceeding						
D.R.Anjal	2	1	2 (State level)	5	Nil	Nil	Nil	Nil	Nil

20. Areas of consultancy and income generated : Nil

21.Faculty as members in a) National Committees b) International Committees c) Editorial boards:

Name of the faculty	National /International/ Other Committee / Editorial Board
Nil	Nil

22 . Student projects:a) Percentage of students who have done in-house projects including inter departmental/programme (in 2018-19): 3 Students = 2.8 %

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies : Nil

23 . Awards / Recognitions received by faculty and students:

Name of Faculty	Award / Recognition	Year
D.R.Anjal	Momento by Bharatiya Jain Sanghatana	2008-09
	Certificate by Bharatiya Jain Sanghatana	2012
	Certificate by Mahatma Gandhi Research Foundation Jalgaon	2017-18

24. University Rank Holder Students:

Year	University Rank Holders	UG/PG	Rank
Nil	Nil	Nil	Nil

25. Corpus Fund (Toppers Scheme) of College :

Name of Student	Class	Year	Amount in Rs.
Nil	Nil	Nil	Nil

26 . List of eminent academicians and scientists / visitors to the department

Dr.H.V.Kumbhojkar(Retired) Head, Dept.of Mathematics,Shivaji University,Kolhapur, Dr.Anil Gore Cytel Industries Pune, Dr.P.G.Dixit Head Dept. of Statistics Pune, Dr.Uttara Naiknimbalkar IISER Pune, Dr.Madhava Bapat Chintamanrao College of Commerce, Sangli, Dr.Mohan Kale Dept.of Statistics SPPU Pune,Dr.V.M.Sholapurkar Dept.of Mathematics S.P.College Pune, Dr.Ashok Lagad Dept.of Mathematics Ahmednagar College Ahmednagar,Dr.Sunil Purane Dept.of Mathematics Jamkhed College Jamkhed, Dr.Pravin Jadhav Balasaheb Jadhav College Ale Pune,Dr.Suhas Sarje Dept.of Mechanical Engg. Imperial College Wagholi Pune, Prof.Mandar Datar,Pune

27 . Seminars/ Conferences/Workshops organized & the source of funding (International and National level workshop)

Title of Seminars/ Conferences/Workshops	National/ International	Funding Agency	Year	Sanctioned Amount in Rs.
Recent Trends in Mathematics & Statistics	State Level	B.C.U.D.Pune	2017-18	49870.00

28 . Student profile programme/course wise :

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
UG					
UG:2014-15	90	75	41	34	72.33
UG:2015-16	100	86	55	31	61.18
UG:2016-17	115	84	43	41	68.51
UG:2017-18	125	116	47	69	72.33

PG					
PG:2014-15	----	----	----	----	----
PG:2015-16	----	----	----	----	----
PG:2016-17	----	----	----	----	----
PG:2017-18	----	----	----	----	----

*M = Male *F = Female *RA = Result Awaited

29 . Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
F.Y.B.Sc., S.Y.B.Sc.,	100%	Nil	Nil
F.Y.B.C.A.(Sc.), S.Y.B.C.A.(Sc.)	100%	Nil	Nil

30 . How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Examination	NET	SLET	Other
Students	Nil	Nil	Nil

29 . Student progression

	Student progression	Against % enrolled
UG to PG	4	3.88 %
PG to M.Phil.	Nil	Nil
PG to Ph.D.	Nil	Nil
Ph.D. to Post-Doctoral	Nil	Nil

Employed

- Campus Selection
- Other than Campus Recruitment

Entrepreneurship/Self-employment

30 . Details of Infrastructural facilities

a) Departmental Library	Nil
b) Internet facilities for Staff & Students	Yes
c) Class rooms with ICT Facility	Two Laboratories and one class room
d) Laboratories	One

31 . Number of students receiving financial assistance from college, university, Government or other agencies

Name of Student	Name of funding agency	Amount Sanctioned per month	Year

32 . Details on student enrichment programmes (special lectures / workshops /seminar) with external experts :

Year	Title/Type of Programme	Names of Resource Person(s) (External)
2017-18	7 Guest lectures at the time of State level seminar on Recent trends in Mathematics & Statistics	Dr.H.V.Kumbhojkar,Dr.Anil Gore, Dr.P.G.Dixit, Dr.Uttara Naiknimbalkar,Dr.Madhava Bapat,Dr.Mohan Kale, Dr.V.M.Sholapurkar, Dr.Ashok Lagad
2017-18	Guest lecture in Mathematics on ‘Magic of Real Analysis around us’	Dr.Sunil Purane
2017-18	Guest Lecture on ‘Applications of Mathematics of Operations Research’	Dr.Suhas Sarje

33 . Teaching methods adopted to improve student learning

Group Discussion: No	Classroom discussions: Yes
ICT and Geographical Instrument: ICT-Yes	Seminars: Yes
Lecture methods: Yes	E-books: Yes
Power Point Presentation: Yes	Providing course materials: Yes
E- learning Interactive teaching methodology: Yes	Field visit: No

34 . Participation in Institutional Social Responsibility (ISR) and Extension activities

Year	Title/Type of Programme
1997	Participated in Survey work of Education Rehabilitation of Orphan students of Nashik & Dhule Districts in March & April 1997
2001	Participated in relief work in Earthquake affected areas of Gujarath, 2001
2005	Participated for relief work of Earthquake of Jammu & Kashmir by sending required materials for construction of homes from Gujarat in 2005.
2016	Participated in Education Rehabilitation of children’s of Suicidal farmers of Solapur

in 2016.

1996 onwards Participated in N.S.S. Activities like C.C.T. Work, Cleanliness Campaign, Literacy Campaign, Survey Work., Rallies on different social issues in different years etc.

35 . SWOC analysis of the department and Future plans :

Ø **Strengths:** Teaching, Conducting various activities, Documentation, Cooperativeness

Ø **Weaknesses:** Not excellent results of students

Ø **Opportunities:** Research activities

Ø **Challenges:** Students strengths due to neighborhood colleges

Ø **Future plans**

To start T.Y.B.Sc. Mathematics, M.O.U.with other institutions

37. Faculty Profile



Name :-Deepak R.Anjal
Designation:Associate Professor
Qualification :-M.Sc.B.Ed.M.Phil.

E-mail:Deepak.anjal@gmail.com



Name :-Supriya Madake
Designation: Assistant Professor
Qualification :- M.Sc.

E-mail:amateashwini5@gmail.com

39. Research & publications

Name of the Faculty	Research Papers		Total Publication
	International	National	
D.R.Anjal	2	1	3

About Minor/Meior Research

Nil	Nil	Nil	Nil	Nil	Nil	Nil
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Name :-

Nil	Nil	Nil	Nil	Nil	Nil	Nil
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41. Achievements

Awards/Recognition Received by Faculty : D.R.Anjal:

Momento by Bharatiya Jain Sanghatana	2008-09
Certificate by Bharatiya Jain Sanghatana	2012
Certificate by Mahatma Gandhi Research Foundation Jalgaon	2016-17,2017-18
Certificate by Bharati Vidyapeeth's Yashwantrao Mohite College,Pune	2014-15,16-17

Awards Received by Students : Vidya Bodake of S.Y.B.Sc. stood second in poster presentation competition held in B.J.S.College on 9th Feb.2018 at the time of state level seminar on 'Recent Trends in Mathematics & Statistics'

42. Training & Placement

- **Placement Activity. : Nil**

43. News & Events :- (1) On 8th and 9th Feb. 2018 State level seminar on 'Recent Trends in Mathematics and Statistics' was held in B.J.S.College Wagholi Pune.(2) On 20th Jan.2018 Science students Parents Meeting was organized.(3) On 10th Jan.2018 a guest lecture of Dr.Sunil Purane on 'Magic of Real Analysis around us' was organized. (4) On 27th July 2017 a guest lecture of Dr.Suhas Sarje on 'Applications of Mathematics of Operations Research' was organized.(5) On 26th Sept.2018 Science students Parents Meeting was organized.(6) On 6th February 2019 Science Exhibition was organized (7) On 28th February 2019 Science Day was celebrated by conducting activities Poster presentation competition on 'Ethnic Medicine',Power presentation competition on 'Inventions that impacted Human life' and a guest lecture on 'Health and Fitness'.