

BIO-DATA

KOMAL RAMCHANDRA JAGTAP

A. Personal Information

Educational Qualification : M.Sc. (Microbiology) B.Ed.
Present Designation : Assistant Professor
Date and Place of Birth : 25th Sep 1985
Category : Open
Religion & caste : Hindu-Maratha
Gender : Female
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Local Address : Awadhut Nagar, Baramati, Dist- Pune. Pin code 413102
Permanent Address : Laxmi-Anand Awadhut Nagar, Baramati, Dist- Pune.
Pin code 413102

Educational Details:

Examinations	Name of the Board/ University	Year of Passing	Percentage of marks obtained	Division/ Class/ Grade	Subject
High School /Metric (SSC)	PUNE	2000	70.46	Distinction	Mar, Hin-San, Eng, Sci, His, Maths, Social Sci.
Intermediate (HSC)	PUNE	2002	64	First	Mar, Eng, Maths, Phy, Chem, Bio.
B.Sc.	PUNE	2006	80	Distinction	Microbiology
M.Sc.	PUNE	2008	59.46	Higher	Microbiology

				Second	
B.Ed	PUNE	2020	74.25	Distinction	Science and Mathematics

Occupation : Service

Institution : Tuljaram Chaturchand College, Baramati

Date of joining this college: :8th January 2009

B. Publications: Research Paper – (Total=05)

1. Studies on Isolation, Screening of L- Asapraginase Producing Bacteria, Optimization and Purification of L-Asapraginase Production in international journal pharmacy and biological science (IJPBS)
2. Studies on antimicrobial activity of Aegle Marmelos mediated Y₂O₃nanoparticles in international journal Emerging Technologies and Innovative Research (JETIR)
3. Synthesis of magnesium oxide nanoparticle by using green method in peer reviewed journal (international journal of research in engineering and Science IJERS)
4. Review on Tyrosinases Enzymes in peer reviewed journal (International Journal of Pharmaceutical Research and Applications, IJPRA)
5. A Review on Trending Applications of Pullulan in Pharmaceutical Industry (EM international)

C. Papers Presented (Total=5)

1. paper presentation on “Studies on Isolation, Screening of L-Asapraginase Producing Bacteria, Optimization and Purification of L-Asapraginase Production” in international conference
2. Poster presentation in “National Webinar on “pioneering Research in Microbiology and Environmental Sciences”
3. Paper presentation on Kiran Mazumdar/Shaw India’s first billionaire woman in National Woman Conference entitled as “Woman Today as Savitri Reborn” organized by T.C College Baramati
4. Poster presentation in National conference on Microbial bioprospecting for environmental conservation and restoration on organized by Shardabai Pawar

Mahila Arts Commerce and Science College Shardanagar. Dated 5 and 6 feb 2024

5. Paper presentation in international conference on organized by Institute Of Fundamental And Applied Research ,National University (TIAME) Tashkent Uzbekistan

D. Administrative Work / Extra Curricular Work

Sr. No.	Designation	Period
1.	Assistant Professor	From 2008
2.	Member of Green Campus committee	2017-2019
3.	Member of CFC committee	2022-23
4.	Member of Student satisfaction survey committee	From 2023
5.	Member of NSS committee	From 2023

Administrative Work towards IQAC

Sr. No.	Designation	Period
1	Member of NAAC criteria I subcommittee (handling metric 3.2.3)	From 2023

Administrative Work towards Department

Sr. No.	Designation	Period
1	Departmental Library coordinator	2010-2018
2	Departmental OJT/FP coordinator	From 2023
3	In-charge for Consultancy Services Antimicrobial Testing	From 2020
4	Certificate course coordinator (CC-027): Quality control in food dairy and	From 2022

	pharmaceutical industry	
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E. Workshops/Conferences/Seminars attended

Sr No	Topic/ Title	Name of Sponsoring Agency	Level	Date
1	In the role of care takers in biosphere	Vidya Pratishthan college, Baramati.	National	2007
2	Symposium: Recent trends in life sciences	Modern college, Pune	State	8-9 Jan 2007
3	Syllabus detailing of Microbiology M.Sc. II as per credit system	TC College & BCUD, Pune	University	8-9 July 2014
4	Methodology of Teaching and Learning in M.Sc. Microbiology	Aabasaheb Garware college ,Pune	University	2011-12
5	Orientation lecture workshop for AVISHKAR 2012	TC College & BCUD, Pune	University	2 Dec 2012
6	APSI Scientist meet 2012	UGC and shardabai pawar mahavidyalaya ,Baramati	national	2012
7	Seminar on Quality	UGC, KVK and shardabaipawarmahavidyalaya	State	4-5 Feb 2016

	control techniques in pharmaceutical industries	,Baramati		
8	Hands on Techniques in Molecular Biology	Himedia Laboratories Pvt.Ltd and shardabaipawar mahavidyalaya ,Baramati	Zonal	6 th Aug 2016
9	Advance Analytical Techniques in HPLC and LCMs	Spinco Biotech Pvt.Ltd and T.C College,Baramati	Zonal	25 th Feb 2017
10	Lecture Series on Analytical Approache to LifeScience :NET,SET,G ATE GO.....	Deparment of Microbiology ,SPPU and AMI unit	2-4 Mar 2017
11	Empowering societies with microbial technologies	Department of Microbiology , T.C college ,Baramati	Internatio nal	7 -9 Feb 2019
12	National conference on 'Integration of biological data for translation of science'	VidyaPratishthan college, Baramati.	National	22-23 Feb 2019
13	"Phage-A boon in disguise"	Abeda college Pune	National	17 jan 2020

14	Online national Webinar on E-learning: Challenges and Opportunities Organized	Kavikulagurukalidas Sanskrit University Ramtek	National	
15	National webinar on “Covid Vaccine :Truth and Untruth Unfold	Department of Microbiology , T.C college ,Baramati	National	27-30 2January 2021
16	E conference on “Challenges and Opportunities in Food and Dairy Processing Sector Post Pandemic Era	Department of Food and Dairy Technology , T.C college ,Baramati	National	15-17 Feb 2021
17	National webinar on “ Functionalized nano material and their application (FNMA-2021)	Department of Physics , T.C college, Baramati	National	09-10 Feb 2021
18	International Interdisciplinary webinar on	Department of Zoology , T.C college, Baramati	International	18 Feb 2021

	“Advances and Opportunities in Life Science			
19	Webinar on “Science Awareness	Science forum T C College Baramati	National	28 Feb 2021
20	Worksop on Designing of Multiple – Choice Questions	Department of Microbiology , T.C college ,Baramati		18-19 may 2021
21	Webinar on Salute :To The Digital Teacher	Anekant Education Society’S AEMS Baramati	National	5 Sep 2021
22	webinar on Nuclear Radiation for Societal Application	Department of Physics and IQAC Dada PatilMahavidyalayaKarjat,MAham adnagar	National	7 Sep 2021
23	National Webinar on National Webinar On“Pioneer Research in Microbiology and Environmental	Annasahebmagar College ,Hadpsar	Internatio nal	7-8 Sep 2021
24	webinar on current trends in Research h and	institute of Academic excellence,Hydrabad	National	27th to 31st August

	innovation, Research Paper Publication, IPRand Patents , Research Project and fundraising			2021
25	Conference entitled as “WomaToday as Savitri Reborn”	organized by T.C College Baramati	National	9 th and 10 th March 2022
26	Online webinar on Gender Equality & Woman Empowerment	T.C.COLLEGE BARAMATI	National	11 feb 2021
27	Three national webinar on medical statistics	Department of Microbiology , T.C college ,Baramati	National	7 th to 9 th April 2022
28	science :The future for diagnosis of disease		National	30 th April 2022
29	Current trend and techniques in molecular biology	Hi media And AIC-ADT Shardanagar	Zonal	7 th Oct 2022
30	Emerging trends in Appiled	Y C College satara	Internatio nal	2-3 rd Dec

	Microbiology And Food science			2022
31	Emerging Paradigm in Agricultural Microbiology	Atmiya University	National Conference	11 th Feb 2023
32	Trends And Challenges in chemistry	T.C.COLLEGE BARAMATI	National Conference	10 th -11 th March 2023
33	Four days hands on training program in “practices in life science and diagnostics ”	BioEra’s R and centre ,Pune	Zonal	17 th jan to 20 th jan 2023
34	One day workshop on “Professional Development ”	IQAC and Staff academy T.C.COLLEGE BARAMATI	Zonal	19 th jan 2023
35	MS-DEED Level 1 In person workshop on Introduction to innovative Pedagogies for college teacher	MS-FDA with IISER ,PUNE	Zonal	18 th to 20 th mar 2023
36	A1 tools for research writing	Manuscriptpedia, Kanyakumari	International workshop	20 th - 21th May 2023

37	National IP Awareness Mission			6/9/2023
Webinar	Participation training workshop for faculty on Community engagement programme	Unnat Maharashtra Abhiyan IIT Bombay	Workshop	18/12/2023
39	Poster presentation in National conference on Microbial bioprospecting for environmental conservation and restoration on.	organized by Shardabai Pawar Mahila Arts Commerce and Science College Shardanagar	National conference	5 th and 6 th february 2024
40	Participated in Two days on Unraveling the frontiers in life science ICFLS 2023	Shrimati Indira Gandhi College, Tiruchirappalli.	International conference	17 th and 18 th August 2024
41	Biotechnology for better Tomorrow	Institute Of Fundamental And Applied Research ,National University (TIAME) Tashkent Uzbekistan	International conference	16 and 17 may 2024

F. Work as a Subject Expert: Nil

G. Examination work

Sr. No.	Capacity	College / University exam	Date
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1	Paper setter	College (MSc I)	2019-2023
2	Moderator	College (UG and PG)	2019-2023
3	Examiner	University	Mar/April 2013-2015 Mar /April 2016-17 April 2019 June2021 Dec 2022 April 2023
4	Senior Supervisor	University	Nil
5	Junior Supervisor	University	2009 onwards
6	Coordinator(B Sc Practicals)	University	Nil
7	Coordinator(M Sc Practicals)	University	Nil
8	Chairman (paper Setteing Msc)	College	2023-24

H. Refresher Courses Attended: Nil

I. Orientation Courses Attended: Nil

J. Awards/Life Membership of Professional bodies:

Worked as BoS member in microbiology department T.C College of Arts, Science & Commerce, baramati (Pune)

K. Community Services / Social Interaction / Corporate life: Nil

L. Extracurricular activities

1. Participated in NSS camp organized by T.C College of Arts, Science & Commerce, baramati (Pune) at Baranhpur (3 Years)
2. Participated in IQAC programme organized by Department of Microbiology T.C College of Arts, Science & Commerce, Baramati Pune (15 Years)

3. Participated in Environmental awareness programme organized by T.C College of Arts, Science & Commerce, Baramati (Pune) (11 years)
4. Work as lecturer in career oriented course “Quality control in food dairy and pharmaceutical industry” (03years)
5. Work as lecturer in “DBT-STAR college Scheme ”
6. Organized and worked as Coordinator for two Day workshop entitled as “Mathematics for biology ’ under RUSA for MSc students
7. Worked as lecturer for (CC-027): Quality control in food dairy and pharmaceutical industry” (2020-21& 2021-22)
8. Organized and worked as Coordinator for one Day workshop entitled as “scope of microbiology in Agriculture ’ under ED for MSc students(2024-25_

M. Research projects

Sr. No.	Name of Investigator/s	Duration	Funding agency	Total amount sanctioned	Status (Sanctioned/Ongoing/Completed)
1	K.P.Salunkhe	2014-15	Tuljaram Chaturchand College, Baramati	10,000/-	Completed
2	K.P.Salunkhe	2015-16	Tuljaram Chaturchand College, Baramati	5,000/-	Completed
3	K.P.Salunkhe	2016-17	Tuljaram Chaturchand College, Baramati	5,000/-	Completed
4	K.P.Salunkhe	2017-18	Tuljaram Chaturchand College, Baramati	7,000/-	Completed
5	K.P.Salunkhe	2018-19	Tuljaram Chaturchand College,	7,000/-	Completed

			Baramati		
6	K.P.Salunkhe	2019-20	Tuljaram Chaturchand College, Baramati	5,000/-	Completed
7	K.P.Salunkhe	2020-21	Tuljaram Chaturchand College, Baramati	10,000/-	Completed
8	K.P.Salunkhe	2020-21	Tuljaram Chaturchand College, Baramati	10,000/-	Completed
9	K.P.Salunkhe	2021-22	Tuljaram Chaturchand College, Baramati	5500/-	Completed
10	K.P.Salunkhe	2022-23	Tuljaram Chaturchand College, Baramati	8000/-	Ongoing

I. RESEARCH AND ACADEMIC CONTRIBUTIONS

- **Research Project** : Development of pullulan based antimicrobial coating systems Under Teacher Seed money (Academic year 2023-24).(Amount - 115000/-)
- **Patent Published / Awarded: Design patent**
 - Patent Published regarding petri plate holder
 - Patent Published regarding wire loop

N. Personal Achievement:

First Prize in Poster presentation in National level Symposium on In the role of care takers in biosphere organized by Vidya Pratishthan college, Baramati.(2007-08)

O. Any Other:

1. Online awareness programme organized by Digambarraobindu arts, commerce and science college Bokar, Nanded
2. Course on Corona virus disease offered by AACCC learning lab for Laboratory medicine on NEJM knowledge
3. Covid 19 quiz competition organized by Smt. Ratnavprabha devipatil mahavidhyalay Bavada
4. Covid 19 awareness programme 2020 organized by department of Biotechnology Shivchhatrapati college, Aurangabad
5. Covid 19 awareness quiz organized by IQAC of M S Kakade college, Someshwarnagar
6. Corona Virus (Covid 19) awareness test conducted by T. C. College (Passing score 90%)
7. Covid 19 crises: survey on academic anxiety among student-teacher of B. ED during lockdown period organized by SantDnyenshwar B. Ed college Alandi, Pune
8. Covid 19 awareness quiz 2020 organized by Sharadabaipawar college of education, Sharadanagar.
9. Basic Jainism Awareness quiz conducted by K.J.Somaiyacentre for studies in Jainism
10. Online mock test on NET/SET Paper I organized by IQAC and Self Financed Courses