

Shri Shivaji College of Arts, Commerce and Science, Akola

Departmental of Biochemistry

Departmental Profile

Established in 1985, Department of Biochemistry, Shri Shivaji College of Arts, Commerce and Science, Akola has achieved many milestones. Up till now 22 students have been awarded with Ph.D degree. Many students are working in Pharmaceutical, Food, Fertilizer and Cosmetic industries as a Quality Control Officers, Quality Control Executive, Assistant Manager and Manager in India and abroad. Some students are working in government sector as Food Safety Officers (Food and Drug Administration), Drug Safety Officers, Assistant Chemical Analysers (Forensic Laboratory), Technical officer (Food Corporation of India). Our students are also working in research Institutes all over India and abroad. Few students are working in Academics also. 07 students have established their own Clinical laboratories in Akola and Buldhana districts.

Department of Biochemistry is located in Science building above Computer department. Its total Area is 2400 sq. feet. It has four laboratories 1 UG laboratory, 2 PG laboratories and one Seminar room. Department has well furnished Staff room, Head Cabine, well-maintained departmental Library and Chemical store room. Department has also established one Clinical Laboratory.

Head Cabine :-



Staff Room :-



Faculty Details (Regular and Temporary)

Sr No.	Name	Designation	Qualification	Mobile no	Adhar no.	Email ID	Service (Yrs)
1.	Mr.SanjivM .Patil	Head & Assist. Professor	M.Sc. SET	992252051	267133094944	sanjivmpatil.biochem@gmail.com	10 Years.
2	Dr.Ashwini A.Balude	Assistant professor	M.Sc, Ph.D	9860674388	972564684366	ashumorwal@gmail.com	12 Years
3	Mr.SachinS. Bhutekar	Assistant professor	M.Sc, SET	8788169105	303607441418	sachin.sbhutekar@gmail.com	08 Years
4	Mr.Ravi L. Dhabhade	Assistant professor	M.Sc, NET	9922781368	561944190513	ravi.dabhade@gmail.com	11 Years
5.	Kiran R.Damodar	Assist. Professor (Adhoc)	M.Sc.B.Ed	7972377924	583829491626	kirandamodar24@gmail.com	7 Years.
6.	Ojaswi S.Zadokar	Assist. Professor (Adhoc)	M.Sc.	9766715857	708008739649	ojasvizadokar26@gmail.com	3 Years
7.	Yogita S.Thakare	Assist. Professor CHB	M.Sc. DMLT	932513914	487369988335	yogitathakare19gmail.com	6 Years.
8.	Sanjeevani D.Raut	Assist. Professor CHB	M.Sc. Bioinformatics	7719026193	247448623770	sandy_aki@rediffmail.com	4 Years
9.	Sabiha Parveen G.Mustafa	Assist. Professor CHB	M.Sc.	97667158579975898462	214334731253	sabihaadil510@gmail.com	3 Years
10.	Rupam V. Pinjarkar	Assist. Professor CHB	M.Sc.	8308237303	772922344730	rupampinjarkar@gmail.com	2 Years
11.	Vaishnavi S. Mukkanwar	Assist. Professor CHB	M.Sc	7620764020	8669163672	Vaishnavimitkari@gmail.com	5 Years
12.	Rukhsar Mirza	Assist. Professor CHB	M.sc.	9370415733	884724478994	Ruksar.mirza557@gmail.com	1 Year
13.	Anuradha D.Ghoral	Assist. Professor CHB	M.Sc	9923875746	788772381588	anuradhaghoral@gmail.com	1.5 Years

14.	Mohan G.Duratkar	Assist. Professor CHB	M.Sc	7249618173	6399016176 96	mohanduratkar 03@gmail.com	1 Year
15.	Pratik S. Kathalkar	Assist.Profess or CHB	M.Sc	7499454213	4781561901 86	Kathalkarpratik 21@gmail.com	1 Year
16.	Ajay R. Mohod	Lab. Assistant	B.Com.	9423428234	9813048599 98	medejay@gm ail.com	19 Years
17.	Hemant P. Kawatkar	Lab. Attendent	B.A.	9552446401	8599537365 01	kawatkarhema nt@gmail.com	19 Year

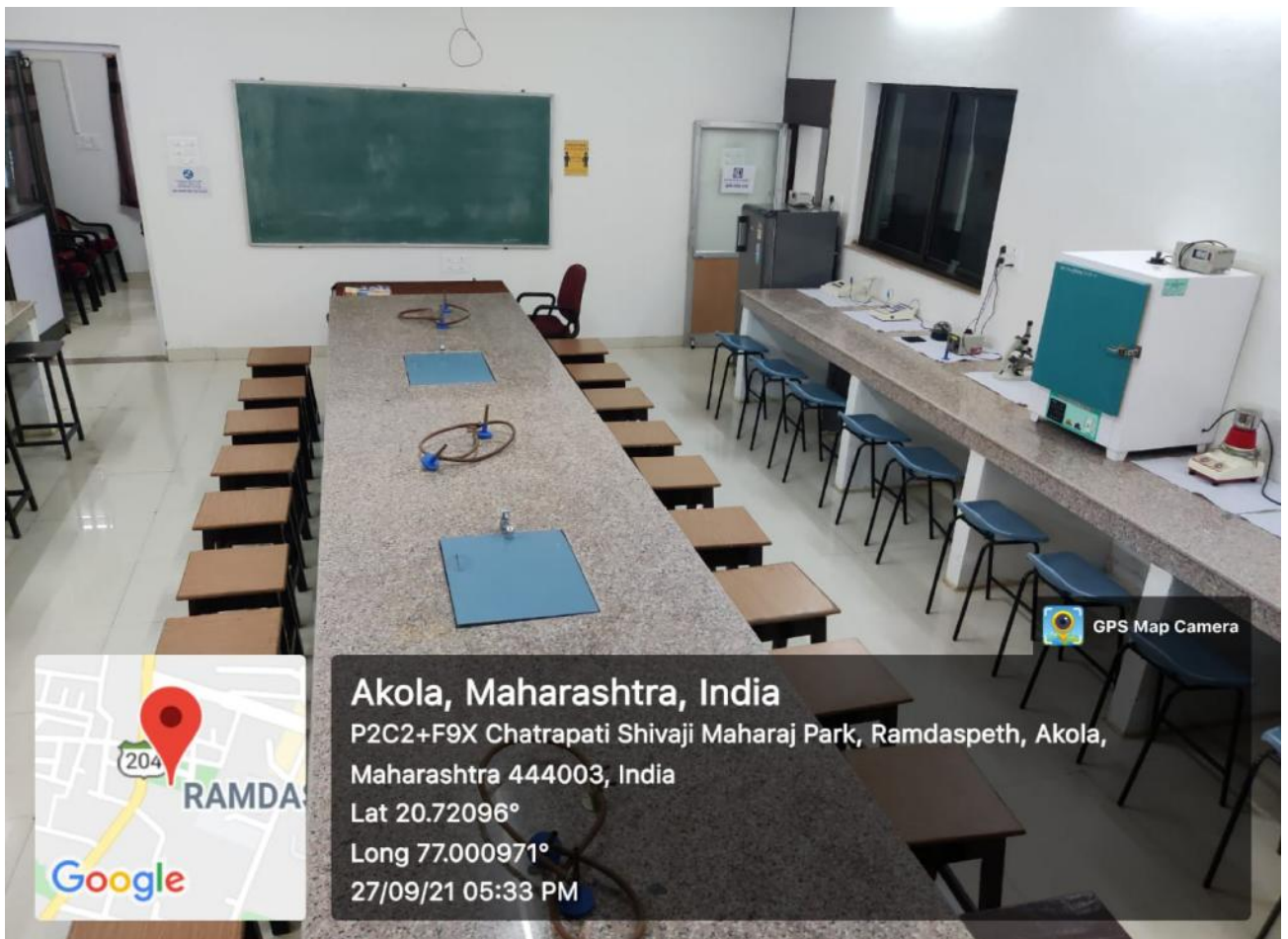
UG Laboratory:-



PG I Laboratory :-



PG II Laboratory :-



Seminar Room :-



Akola, Maharashtra, India
P2C2+F9X Chatrapati Shivaji Maharaj Park, Ramdaspath,
Akola, Maharashtra 444003, India
Lat 20.720959°
Long 77.00096°
27/09/21 05:34 PM

Chemical Store Room :-



Akola, Maharashtra, India
P2C2+F9X Chatrapati Shivaji Maharaj Park, Ramdaspath,
Akola, Maharashtra 444003, India
Lat 20.720929°
Long 77.000896°
27/09/21 05:35 PM

ICT Room :-



Departmental Library :-



Clinical Laboratory :-



Akola, Maharashtra, India

P2C2+C5X, Deshmukh Peth, Ramdaspath, Akola, Maharashtra 444003,
India

Lat 20.720861°

Long 77.000842°

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Features of Department:-

- This is only department in Amravati University with PG and Research facilities.
- Department has 15 Staff members including 04 regular teaching faculties, two Adhocs , 09 Contributory staffs and two non-teaching staffs including Lab Assistant and lab attendant.
- Department organizes Blood donation camp regularly every year in month of December on “ Dr.Punjabrao alias Bhausaheb Deshmukh Jayanti Utsav”.Dr.Punjabrao alias Bhausaheb Deshmukh
- Department also participates in Blood Donation camps organized by NSS in various villages.
- A directory of blood group of students is readily available in the department for ready reference of needy persons.
- Hemoglobin percentage and blood group of all the girls of college including Hostellers is done free of cost, which is mandatory before college clearance.
- Biochemical investigations like Blood Sugar, Hemoglobin, Blood cell count, lipid profile check up are done every year for college staffs free of cost.
- Department is having well equipped Clinical Laboratory with sophisticated instruments like HPLC, Cell counter, Elisa reader, PCR, Biochemistry Autoanalyzer, UV- Visible spectrophotometer etc.
- Department is having departmental library with necessary books, Ph.D thesis, Project Dissertations, research journals etc.
- Department is having broadband facility with N-Computing system.
- 22 Students have been awarded with Ph.D degree.
- Staff members have attended 90 National and International Conferences.
- Department has organized National Conference “NCBBT” in 2010 funded by UGC, DST and CSIR.
- PG Students regularly attend Indian Science Congress and present their papers.
- Every year PG students delivers seminar on latest Biochemistry topics.
- Up till now 120 students have successfully submitted their dissertation reports.
- Department conducts educational tour every year for UG students.
- Two faculty members are members of Indian Science Congress.
- Ex-HOD of Biochemistry Dr.Z.H.Khan and his research students contributed 100000 Rs. for Dr.Punjabrao Deshmukh Gold Medal Award. Every year Merit first student in Biochemistry awarded with Gold medal with interest of 1,00000/- Rs. obtained from FD.

Courses Available :-

	B.Sc. Biochemistry	M.Sc. Biochemistry	Ph.D.	Other
Date and Year of Establishment :	1985	1994	2000	COP - 2008

Students enrolled in Certificate/Diploma courses

No. of students	Certificate course in Clinical Laboratory Technology (CCLT)	Diploma coursecourse in Clinical Laboratory Technology (DCLT)	Advanced Diploma coursecourse in Clinical Laboratory Technology (ADCLT)
230	104	86	50

Merit Students of the department.

Year 2019-20

All three merits of Biochemistry department were felicitated at the hands of dignitaries on the occasion of Convocation ceremony



Merit 1. Vanshika Dinesh Padia Merit 1. Ashwini Vitthal Raibole



Merit 3. Shraddha R. Dongrey

Year 2018-19

Miss. Yogmaya Lothe receiving Dr.Punjabrao Deshmukh Gold medal Award for securing merit I st position in M.Sc. Biochemistry.



Parents of M.Sc. Biochemistry merit 2 nd Miss. Sachi Gajghate receiving award



Felicitation of Mr.Sagar Rajesh Dubey overall topper among UG Science faculty in B.Sc. II Summer 2019 examination of SGB Amravati University.



Year 2017-18

Miss. Monali Jadhao felicitated with Dr.Punjabrao Deshmukh Gold Medal award at the hands of Dr. Z.H. Khan and honourable shri.Dilip Ingole.



Felicitations of Mr.Sagar Rajesh Dubey for securing first position in B.Sc. Biochemistry.



Year 2016-2017

Miss. Qudsiya Rafat felicitated with Dr.Punjabrao Deshmukh Gold Medal award at the hands of Dr.S.G.Bhadange and honourable dignitaries.



Miss. Sabiha Deshmukh receiving 2nd Merit Biochemistry receiving cash prize of Rs.1000/- at the hands of Principal Dr.S.G.Bhadange.



Miss. Munnaza Marium 3rd Merit M.Sc. Biochemistry receiving momento and certificate at the hands of Dr.Z.H.Khan HOD Biochemistry.



Research Publications

Sr. No.	Title with page nos.	Journal	ISSN / ISBN No.	Whether peer reviewed. Impact Factor, If any	No. of Co-authors
1.	Comparative Analysis of Sugar and Protein in three different fresh and decaying fruits Pomogrenate, Orange and sweet lime.P-562-564	International Journal of Applied Research 2017:3(1):562-564	2394-5869	5.2	Rafiya Tazeen ,S.M. Mular,Z.H. Khan,NaziaD.Khan
2.	Extraction and Characterization of Polyphenol Oxidase from pulp of Apple fruit.	International Journal of Applied Research 2017:3(1):569-572	2394-5869	5.2	Rumaisa Ansari , ZiaH.Khan, SM Mular, Nazia D.Khan
3.	Phytochemical screening and total phenolic content of Kalonji and Ajwain seeds.	International Journal of Applied Research 2017:3(1):565-568	2394-5869	5.2	Sabiha Afreen ,Z.H. Khan, Kiran Damodar, Nazia D. Khan, S.M.Mular
4.	Screening of two medicinal plants for their anti-tyrosinase activity	International Journal of Applied Research 2017:3(1):653-654	2394-5869	5.2	Munaza Kauser ,Z.H.Khan, Nazia D.Khan
5.	Determination of Amylase activity from germinated Syzygium.cumini seed.	International Journal of Applied Research 2017:3(1):573-575	2394-5869	5.2	FarkandaFatima ,Z.H.Khan,NaziaD.Khan, S.M.Mular
6.	Identification,Purification and Characterizations of bioactive compounds present in Bridelia.ferruginea and Piper.umbellatum	International Journal of Applied Research 2017:3(1):557-559	2394-5869	5.2	Munazza Maryam Niyazi, Z.H.Khan, Nazia D.khan , S.M.Mular
7.	Nutritional assessment of Moringa.oleifera leaves.	International Journal of Applied Research 2017:3(1):	2394-5869	5.2	Rakhi R.Nalamwar , Sanjeevani D.Raut,NaziaD.Khan, Z.H.Khan, S.M.Mular

8.	Protease Inhibitory activity from five dried fruits by Dot-Blot method using X-ray film.	International Journal of Academic research and Development. Vol-2, Issue - 02 March 2017: 18-20	2455-4197	5.22	Vaishnavi kamble , Nazia D. Khan, Ziya H. Khan, S.M Mular
9.	Iron Chelating Activity of Indian guava leaves (Psidium Guajava) in various extracting solvents.	International Journal of Advanced Scientific Research Volume 2, Issue 2, March 2017; 29-30	2456-0421	5.32	Ranjana Daberao , Kiran Damodar, Nazi D. Khan, Ziya H. Khan, S.M Mular
10.	Comparative study on biochemical analysis of moth bean (Vigna Acitiniifolia) when treated with hot water and HgCl ₂	Research Journal of Recent Sciences Vol.6(4), 1-4 April (2017)	2277-2502	-	Qudsiya Rafat , Nazia D. Khan, Ziya H. Khan S.M Mular, Sadiya farhat.
11.	In vitro anti-arthritis activity of vitex negundo and punica granatum.	Research Journal of Pharmaceutical Sciences. Vol.6(2), 1-6, February (2017)	2319-555x	-	Aishwarya A. Kamble , Nazia D. Khan, Ziya H. Khan, S.M mular, Syed Sohail.
12.	Synthesis of silver nanoparticles mediated by alpha amylase and their application in the photocatalytic degradation of organic dyes.	Research Journal of Pharmaceutical Sciences. Vol.6(2), 1-6, February (2017)	2319-555x	-	Rehab Mutiuddin , Ziya H. Khan, Nazia D. Khan, S.M Mular, Sabiha Parveen.
13.	Evaluation In vitro activity of leaves alexandrina and trigollafoenum-graecum (fenugreek) on blood clotting time.	International Research Journal of Biological Sciences.	2278-3202	-	Priyanka Kolhe , Nazia D. Khan, Zia H. Khan S.M Mular
14.	In vitro study of aqueous leaf extract of Rafanus. sativus var. for inhibition of calcium oxalate crystallization.	Bioscience discovery 8(2) : 153-157, April 2017	2231-024X	-	Syed Salman Akhtar , S.M. Mular, Nazia D. Khan, Z.H. Khan, Syed Sohail

15.	Invitro Evaluations of antacid potential of Punica.grantum and Musa peels.	International Journal of Biological Research,vol. II;Issue I;Jan.2017;20-21	2455-6548	5.22	Syed Amir Shehjad ,S.M.Mular,Z.H.Khan ,N.D.Khan,Syed Sohail
16.	Invitro Anti-inflammatoryActiviy of Vitex.nugundo extract by HRBC membrane stabilization.	Bioscience discovery8(2) :202-205 April2017	2231-024X	-	ZiydHusain ,SyedSohail,Z.H. Khan,S.M.Mular
17.	Phytochemical Screening of Holarrhenaantidyserica	International Journal of Applied Research 2017;3(1):560-561	2394-5869	5.2	Humaira Shahzadi ,Z.H.Khan,S.M.Mular,N.D.Khan
18.	In vitro assay of alpha amylase inhibitory activity of different vegetables.	International Journal of Advanced Research and Development. Vol.2;Issue-2;March 2017;Page no.22-23	2455-4030	5.24	NajmussaharKhan ,Z.H.Khan ,S.M.Mular,N.D.Khan,Syed Sohail.
19.	In vitro assay of alpha amylase inhibitory activity of Piper species.	Bioscience discovery8(2) :125-128 April 2017	2229-3469	-	Dipali Thakre ,KiranDamodar,N.D.Khan,Z.H.Khan,S.M.Mular,Bushra Khan
20.	Study on In vitro antiurolithiatic activity of Bryophyllumpinnatum and Ocimumgratissimum leaves.	Bioscience discovery8(2) :290-294	2229-3469	-	Pinjarkar Rupam ,NaziaD.Khan,Z.H.Khan,S.M.Mular
21.	Application of Ash as natural fertilizer for plant growth	Current Updates in Life Sciences Page no.	ISBN 9788192362182		Dr. Ashwini Balode , Sachin S Bhutekar, H V Dhanokar
22.	Phytochemical Screening and evaluation of Anti-arthritic activity of leaf extracts of Delonix Regia	Aayushi International Interdisciplinary Research Journal 232-235	ISSN 2349-638x)	6.293	Dr. Ashwini A. Balode , Ms.Ojaswi S. Zadokar, Ms. Minal Kolhe

23.	Assessment of invitro anti-arthritic activity of Nyctanthesarbortritis	Current Updates in Life Sciences Page no.	ISBN 9788192362182		S.M. Patil, R. L. Dabhade, Farheen Qausar Abdul Rafique Ansari
24.	Assessment of invitro Antacid activity of Foeniculum vulgare, Coriandrum sativum and Leptospermum scoparium by A Modified Artificial Stomach Model.	Aayushi International Interdisciplinary Research Journal (AIIRJ)	2018;LS88:392-395	4.574	S.M. Patil, Andhare A. S