

## 1. Bio Data



➤ Full Name : Mr. Yogesh Nagnath Joshi

➤ Qualification : M.Sc. Bioinformatics

Designation : Assistant Professor

➤ Department : Bioinformatics

➤ Date of Birth : 03<sup>st</sup> August, 1990

**Encl.-1**

➤ Address : A/P Kardehalli, Tal.S.Solapur,  
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Maharashtra,  
India-413 002.

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➤ E Mail Address: [ynjoshi0307@gmail.com](mailto:ynjoshi0307@gmail.com)

➤ PAN Numer:-AOAPJ4904Q

➤ Religion : Hindu Caste: Brahmin Category : GEN

➤ Sex : Male

➤ Languages Known

Language	Read	Write	Speak
Marathi	Yes	Yes	Yes
Hindi	Yes	Yes	Yes
English	Yes	Yes	Yes
Kannada	No	No	Yes

➤ Domicile : MAHARASHTRA

Nationality : Indian

➤ **Details of Educational Qualifications**

Degree	Board/ University	Year of Passing	Division/ Grade	% of Marks	Subjects	Remarks If Any	Encl
M.Sc.	Solapur University, Solapur	2012	First with Distinction	79.04	Bioinformatics		
B.Sc.	Solapur University, Solapur	2010	First Class	65.56	Zoology		
H.Sc.	Pune Board	2007	Second Class	52.17	Phy., Chem., Maths., Bio.		
S.S.C.	Pune Board	2005	First Class	60.40	Marathi, Hindi, English, Social Science, Science, Maths		

➤ **Appointment Details**

Sr. No.	Name of the College	Nature of Appointment	Date of Appointment		No. of Years & Months	Encl.
			From	To		
1	Walchand College of Arts and Science, Solapur	Full Time	July 2015	Till Date	3 Year 1M month	

➤ Recognition as Post-Graduate Teacher/Research Guide : Yes

➤ Classes Taught : M.Sc. Bioinformatics, Biotechnology and Genetics & B.Sc Biotechnology

Papers Taught :

➤ M.Sc. – I(Bioinformatics) : Basic and Advanced Bioinformatics

- M.Sc. – II(Bioinformatics) : Computational Structural Bioinformatics and Drug Designing, Clinical Bioinformatics, Emerging areas of Bioinformatics etc.
- M.Sc.II(Biotechnology): Computational Structural Bioinformatics and Drug Designing
- Major Thrust Areas within the Subject  
Computational Biology, Basic Bioinformatics, Advanced Bioinformatics, Structural Bioinformatics and Drug Designing, Clinical Informatics, Chemoinformatics.
- Total Teaching Experience 1. U. G.C: 3 Year 2 Months 2. P.G. : 3 Year 2 Months
- Honours Conferred / Award Received (During the Last Five Years): NIL

## 2. Additional Qualifications Acquired during the Last Five Years

Sr. No.	Qualification Acquired	Agency	Year	Encl.
1	SET	NIL	NIL	NIL
2	NET	NIL	NIL	NIL
3.	GATE	NIL	NIL	NIL

## 3. Teaching Plan (Month-wise)

Sr. No.	Month	Class	Paper	Topics/Practicals

## 4. Academic Plant (Month-wise)

Sr. No.	Month	Activities	Beneficiaries	Remarks If Any (Purpose/Significance)

**5. Work done other than Academic Responsibilities:  
(Co-curricular and Extra-curricular Activities)**

- Completed the Training in Computer Aided Drug Designing with Project from DNA Labs India, Hyderabad on May-June 2012
- Completed Two days workshop on instrumentation- Hands on training organized by WCBT, Solapur on Feb-2012
- Completed intensive certificate course in French Language held for three months from August 2011 to October 2011 at Walchand College, Solapur

**6. Participation in Orientation / Refresher Courses, Seminars, Workshops, Conferences, Symposia, etc. (Last Five Years)**

Sr. No.	Title	Place	Sponsored by	Dates	Encl
1	Avishkar-2016, University Level Research Festival	Walchand Institute of Technology, Solapur	Solapur University, Solapur	27 <sup>th</sup> & 28 <sup>th</sup> 2016	
2	One day Workshop on "Advanced Techniques for Basic Science"	Walchand College of Arts and Science, Solapur	Walchand College of Arts and Science, Solapur	24 <sup>th</sup> Jan 2017	
3	One day workshop on "Hands on Techniques in Biotechnology"	Walchand College of Arts and Science, Solapur	BioEra Pvt.Ltd,Pune	28 <sup>th</sup> Aug.2016	
4	One day Workshop on "Revised Syllabus for B.Sc. III Zoology Practicals"	Walchand College of Arts and Science, Solapur	Solapur University and Walchand College of Arts and Science, Solapur	10 <sup>th</sup> Jan 2016	
5	One day workshop on "Recent Techniques in Biochemistry and Biotechnology"	Walchand College of Arts and Science, Solapur	Walchand College of Arts and Science, Solapur	30 <sup>th</sup> Jan 2016	
6	one day seminar on Waters products and basics in chromatography, 21 <sup>st</sup> December 2015	Walchand College of Arts and Science, Solapur & Waters Pvt.Ltd,Mumbai	Waters Pvt.Ltd,Mumbai	21 <sup>st</sup> December 2015	
7	Two days workshop on "Molecular Modeling in Drug Discovery"	SVERI,Pandharpur	Schrodinger,Bengaluru	22 <sup>nd</sup> & 23 <sup>rd</sup> June 2012	

8	Two days workshop on instrumentation- Hands on training	WCBT,Solapur	WCBT,Solapur	23 <sup>rd</sup> &24 <sup>th</sup> Feb 2012	
9	State level Seminar on “Application of Computer in Biological Science”	KBMP,Pandharpur	UGC	21 <sup>th</sup> -22 <sup>th</sup> Dec 2011	
10	National conference on, “Recent trends in Life Sciences with special reference to Animal Physiology, Biotechnology and Biodiversity”	SGM College, Karad	UGC	19 <sup>th</sup> -20 <sup>th</sup> Oct 2011	
11	National Symposium Workshop on Archanology with reference to spider,ecology,Biology and Taxonomy	WCAS,Solapur	UGC,DST and CSIR	13 <sup>th</sup> -15 <sup>th</sup> oct. 2011	
12	National Conference on “Frontiers in Life Science” held at Shardabai Pawar Mahavidyalay	Shardabai Pawar Mahavidyalay,Baramati.	UGC	11 <sup>th</sup> -13 <sup>th</sup> Jan 2011	
13	National Seminar on “Nanomaterials and its application (NAMA-11)”	WCAS,Solapur	UGC and CSIR	28 <sup>th</sup> and 29 Jan 2011	

#### 7. Research Work Done/Undertaken (Last Five Years)

Research Programme	Title	Research Guide	University	Status
Ph.D.	Nil	Nil	Nil	Nil
M.Phil	Nil	Nil	Nil	Nil

## 8. Research Guidance (Last Five Years)

### For UG students

- Identification Proteins involved in Coronary Artery disease by using Bioinformatics approach (July 2015-April 2016 )

### For PG Students

- Structural Characterization of Matrix Metalloproteinases-9 (MMPs) in Asthma Disease. Identification to new molecular targets in Malaria disease (July 2015-April 2016)
- Computational Identification of Natural Inhibitors for Glucagon in Type-II Diabetes Mellitus. (July 2015-April 2016)
- *In Silico* Analysis and Molecular Phylogenetics of Snake Venom Metalloproteinase (July 2015-April 2016)
- Designing and Development of Novel Inhibitor for Falcipain2 Involved in Malaria(July 2015-April 2016)

## 9. Research Project Proposed/Undertaken/Done

Sr. No.	Title	Funding Agency	Fund Sanctioned	Status: Proposed/ Undertaken /Done	Remark If Any	Encl
	Nil					

## 10. Paper Presentations

Sr. No	Title	Organized by	Sponsored by	Remark If Any	Encl.
1	“Sequence Analysis and Antigenic Prediction of Alpha and Beta Neurotoxin in Scorpion”	SGM,Karad	UGC		
2	“ <i>In silico</i> analysis and molecular phylogenetic of spider neurotoxin in comparison with species snake, scorpion and cone snails”	Walchand College, Solapur	UGC,DST and CSIR		
3	Development of Drug Library Database by Virtual Screening	Walchand Institutes of Technology, Solapur	Solapur University, Solapur		
4	Homology modeling of MMP11 involved in COPD disease	D.B.F.Dayanand College, Solapur 2 <sup>nd</sup> Feb 2018	UGC		

## 11. Publications:

Books/Research Papers/Articles

Sr. No.	Title	Publisher	Encl.
1	“Sequence analysis and antigenic prediction of alpha and beta neurotoxin in Scorpion.”	Avishkar-Solapur University Research Journal- 2012 Vol (2), pp.55-60	
2	“Designing and Development of potent Drug Inhibitor of MMP12 in COPD Disease”	Journal of Advanced Bioinformatics Applications and Research, Vol 6(3), pp.77-83	
3	<i>In Silico</i> Sequence Analysis and Homology Modeling of Dihydropteroate Synthase in Pneumocystis Pneumonia	International Journal of Innovative Science, Engineering & Technology, Vol. 2 Issue 10, October 2015.	
4	Homology Modeling And Binding Site Prediction Of Vp30 Protein Involved In Ebola Virus	Interanational Journal Of Current Research,Volume 2   Issue 1   Print 2015-2016	
5	<i>In-Silico</i> Characterization of Apitoxin- Melittin	European Journal of Biotechnology and Bioscience,Volume 4; Issue 1; January 2016; Page No. 08-10 2015-2016	
6	Designing New Scaffold against Estrogen Receptor to	Journal of Advanced	

	Inhibit in Breast Cancer	Bioinformatics Applications and Research, Vol 6, Issue4, 2015, pp84-91 2015-2016	
7	Molecular Docking Studies of E-Bola Virus Protein VP30	IJSRST ,Volume 2, Issue 1 2015-16	
8	<i>In-silico</i> analysis and homology modeling of snake venom metalloproteinase	European Journal of Biotechnology and Bioscience, Volume 4; Issue 3; March 2016; Page No. 12-15	
9	SCREENING AND IDENTIFICATION OF NOVEL INHIBITOR FOR IL-1B INVOLVED IN CORONARY ARTERY DISEASE	International Journal of Research in Science and Technology (IJRST) 2016, Vol. No. 6, Issue No. II, Apr-Jun	
10	<i>In-silico</i> Structural & Molecular characterization of Pectin methylesterase from <i>Arabidopsis thaliana</i>	European Journal of Biotechnology and Bioscience Online ISSN: 2321-9122, Impact Factor: RJIF 5.44 Volume 4; Issue 10, October 2016; Page No. 21-24	
11	<i>In-Silico</i> Molecular Characterization of Human TSH $\beta$ Subunit Protein	International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064	
12	In-silico Inhibitors for pectin-methyl esterase of A. Thalianaby virtual screening to inhibit the seed germination process	International Journal of Current Research ISSN:-0975833X IF=7.086	
13	Structural Annotation and Homology Modeling of Protein Kinase 6(PfPK6) from <i>Plasmodium Falciparum</i>	IJSRST 2395-6011 IF=3.6	
14	Designing Natural Agonists For Thyroid Hormone Receptor Alfa-1	International Journal of Pharmaceutical Sciences and Research (IJPSR) E-ISSN: 0975-8232 Peer reviewed =0.59	
15	In- Silico Structural & Molecular Characterization Of Clgr From Mycobacterium Tuberculosis	International Journal of Innovative Science Engineering and Technology (IJSET) ISSN (Online) 2348 – 7968 Peer reviewed =5.264	
16	Assessing therapeutic potential of molecules: molecular property diagnostic suite for tuberculosis (MPDSTB)	Journal of Chemical Science ISSN 12039-017-1268-4 Peer Reviewed=1.624	

## 12. University Work (Examination, Curriculum, Administration, Extension etc.)

Sr. No	University Work	Encl
1	Nil	

## 13. Personal Library (Book/Journal compiled during the Last Five Years)



Sr. No.	Title	Publisher	Price
1	Essential Bioinformatics- Jin Xiong	CambridgePublication	Rs. 4200.00

#### 14. Membership of Academic, Social, Professional, Corporate Bodies, NGOs

Sr. No.	Name of the Body	Status	Encl
1	International Journal of Scientific Research in Science and Technology	Reviewer Member	

#### 15. Contribution to Society (As a Counselor, Guide, Resource Person, etc)

- **Organization committee member** in workshop on Advance in Biotechnology 22<sup>nd</sup> August 2016.
- **Organization committee member** in workshop on Advance techniques for basic sciences 24<sup>th</sup> Jan 2017.
- **Organization committee member** in workshop on Advance techniques in Biotechnology and Nan biotechnology 13<sup>th</sup> February 2016.
- **Resource person** during one day workshop Organized for on “Advance techniques for basic sciences” organized by department of Biotechnology and department of Zoology, of Walchand college of arts and science, Solapur.(24<sup>th</sup> January, 2016).
- **Resource person** during one day workshop Organized for on ‘Advance techniques in Biotechnology and Nan biotechnology’ organized by department of Biotechnology and Department of Nanobiotechnology, of Walchand college of arts and science, Solapur.(13<sup>th</sup> Feb, 2016).
- **Organizing committee member** in Inter College Poster Competition organized by PG Department of Genetics, WCAS, on 20<sup>th</sup> July 2017
- **Organizing committee member** in In House Research Festival PRERANA-2017 organized by WCAS on 9<sup>th</sup> September 2017

- **Resource person** in one day Skill based one day workshop on “Techniques in Molecular Biology and Zoology” organized by Dept.of Zoology,WCAS on 6<sup>th</sup> Jan 2018
- **Resource person** in One day workshop on Bioinformatics organized by Sangmeshwar College, Solapur on 24<sup>th</sup> August 2017
- **Resource person** in One day workshop on Bioinformatics organized by Sangola College, Sangola on 14<sup>th</sup> sept 2017
- **Resource person** in One day workshop on “Advanced Techniques for Basic Sciences-2018” organized by WCBT,WCAS 8<sup>th</sup> Feb 2018
- **Resource person** in One day workshop on “Advanced Techniques in Zoology” Dept.of Zoology, organized by WCAS on 12<sup>th</sup> Feb 2018
- **Resource person** in One day National Seminar on “Contemporary Science” organized byWCRNB, WCAS on 16<sup>th</sup> Feb 2018.

#### **16. Innovative/Healthy Practices (Academic, Social, Culture, etc)**

- Volunteer Blood Donor  
Whole Blood Donation: 5 times

#### **17. Any other Information**

Nil

- **Name : Yogesh Nagnath Joshi**
- **Place: Solapur**
- **Date: 01/08/2017**

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**Signature**