



## PERSONAL PROFILE

<b>Name</b>	Prnil Sharad Jagdale
<b>Fathers Name</b>	Sharad Narayan Jagdale
<b>Date Of Birth</b>	Feb 29, 1992
<b>Sex</b>	Male
<b>Languages Known</b>	English, Hindi, Marathi
<b>Local Address</b>	Savitri Sadan Champa Nagari, Canal Road, Nasik Road, Nasik. Tal- Nasik, Dist-Nasik.
<b>Permanent Add.</b>	Savitri Sadan Champa Nagari, Canal Road, Nasik Road, Nasik. Tal- Nasik, Dist-Nasik.
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## EDUCATIONAL QUALIFICATION

Sr.No.	Standard	College Name	Board/University	Percentage	Year
1.	PhD Zoology	K.T.H.M College, Nasik	Pune University	Appeared	2018
2.	CSIR-NET Exam	----	C.S.I.R. India	CSIR-JRF (AIR-127)	2017
3.	SET Exam	Pune University	Pune University	Passed	2017
4.	M.Phil Zoology	K.T.H.M College, Nasik	Pune University	"A" grade	2015-2017
5.	M.Sc. Zoology (physiology)	Nowrosjee Wadia College, Pune	Pune University	64.00%	2014
6.	B.Sc. (Zoology)	K.T.H.M College, Nasik	Pune University	78.53%	2012
7.	HSC	Bytco College, Nasik Road ,Nasik	Pune University	58.00%	2009
8.	SSC	VVM school,Nasik	Pune University	67.53%	2007

## AWARD

- **Junior research fellowship** from Council of Scientific and Industrial Research (CSIR) in **July 2018**
- **Senior research fellowship** from Council of Scientific and Industrial Research (CSIR) in **July 2020**

## Past Work Experience

### Teaching Experience:

College Name	Class	Year
K,V.N. Naik Arts, Comm. & Science College, Nasik	F.Y.B.Sc. &T.Y.B.Sc.	2014-2015
Loknete Vyankatrao Hiray Arts, Science and Commerce College , Nasik	M.Sc	2015-2016
R.N.C. Arts, J.D.B. Commerce, N.S.C. Science College (Bytco college) Nasik Road.	F.Y.B.Sc.	2015-2017
H.P.T. Arts & R.Y.K. Science College, Nashik	T.Y.B.Sc. & S.Y.B.Sc.	2017-2018
Sandip University, Trimbak, Nashik	B.Sc & M.Sc	2018- 2019
MVP's Arts Commerce & Science College Trimbakeshwar, Nashik	B.Sc.	2019- till date

### Extra-curricular Experience:

- Work as **Co-convener** in “**Modern taxonomic tool -DNA Barcoding**” state level **seminar** conducted in K. V. N. Naik , Arts, Comm. & Science College, Nasik
- Work as **Y.C.M.O.U. Center convener (2014-15)**in K, V. N. Naik , Arts, Comm. & Science College, Nasik
- Work in C.A.P. round of **Y.C.M.O.U. Center (2014-15)**in K, V. N. Naik , Arts, Comm. & Science College, Nasik
- Work as Technical committee member in **ICEMELT-2018**, Sandip University, Nasik

- Work as Organizing committee member for **Microbiology society** of Sandip University, Nasik

## Conference/ Workshops/ Seminar/ Webinar

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- **Workshop's-**

1. *Hands on training in tools & techniques In Biochemistry & Molecular biology- BCUD, Pune*
2. *Bioinformatics and Precision Genomics.- RASA, Pune*
3. *“Skill in Developmental biology-2018”-SPPU, Pune*
4. *“Elements of nervous system: An Evolutionary Prospective-2018”-SPPU,Pune*
5. *Molecular genetics for aquatic and marine biodiversity conservation.-Paul Hebert center for DNA barcoding & biodiversity studies, BAMU, Aurangabad.*

- **State level Seminars**

1. *Seminar On Beekeeping At Nasik, Maharashtra- National Bee Board*
2. *“Modern Taxonomic Tool DNA Barcoding” - BCUD Pune*
3. *“ Recent advances in Biotechnology”- BCUD Pune*
4. *Biodiversity conservation- importance and health organized by K.P.G. ACS college igatpuri in January 2020.*

- **National conference/webinar**

1. *Recent trends in biodiversity, conservation and sustainable development- BCUD Pune*
2. *National Webinar on “Olive Ridley Turtle Conservation: Present Status & Future Perspectives” Department of Zoology and IQAC for the Social Responsibility of Nisarg Cyclone affected coastal Villages of Konkan region on 28th June, 2020.*
3. *Beekeeping & Government Schemes ” organized by Department of Zoology & Biotechnology in Association with Internal Quality Assurance cell (IQAC) of Sadguru Gadage Maharaj College,Karad (An Autonomous) on 6th August,2020.*
4. *National Webinar on “Amazing World of Bats. Organized by Bhaurao Kakatkar College, Belgaum on 2<sup>nd</sup> july 2021*

- **International Conference**
  1. *On perspective of computer confluence with sciences - Nowrosjee Wadia College, Pune*
  2. *ICEMELT-2018, Sandip University, Nashik*
  3. *Material Science and Technology -2020 Organized by KLE Society's S. Nijalingappa College, Bangalore, India-560010 on 9th & 10th October 2020*
  
- **Faculty development programme**
  1. *Faculty development programme on effective ways to develop e-content for teaching learning (life science) of ten days duration conducted by K.T.H.M. College, Nashik from 21/05/2020 to 30/05/2020*
  2. *Short term training course at central bee research & training institute, Pune from 14/06/2021 to 18/06/2021*

## Research Publication

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- **International paper**
  1. *Diversity and Abundance of Coleopteran insects belonging to Family Scarabaeidae, Geotrupidae, Hybosoridae from Nashik, Maharashtra, India- November 2017*
  2. *Effect of Tetrahydroxy-p-benzoquinone on Protein and Carbohydrate content in Fat-bodies of Red cotton bug Dysdercus cingulatus Fabr. (Hemiptera: Pyrrhocoridae)- May 2020*
  3. *Reproduction performance in lawsone treated Boisea coimbatorensis (Rhopalidae) - January 2021*
  
- **Poster Presentation at international conference**
  - i. *Distribution, Diversity and ecology of spider species from Nashik district of Maharashtra.*
  - ii. *Study of the biodiversity of insect from campus of Sandip university northern western Ghats, Nashik*
  - iii. *Diversity of Insect Pests in Agricultural from Trimbakeshwar Tehsil, Nashik District of Maharashtra*
  - iv. *Diversity and Abundance of Scarab beetles: (Scarabaeidae) from Nashik, Maharashtra, India*

## M.Phil work at National Center for Microbial Research (NCRM), Pune

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1. Study of beetle (Coleoptera) diversity using DNA barcoding from Nashik, Maharashtra.

### Description-

The main intension of the work is to collect's beetles from the various regions of Nashik and try to identify on the basis of genetic makeup with using DNA barcoding method to support the developing barcoding Database at **NCBI** under guidance of Dr. Sujata Magdum & Dr. Yogesh Shouche [**Scientist-'G'**].

**Project Findings-** 53 total identification from Nashik region. First time contribution to Beetle barcode NCBI database from Nashik, Maharashtra.

## PROJECT At National Center For Cell Science (NCCS), Pune

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2. DNA barcoding of few insect vectors taken from Pune region.

### Description-

The main intension of the project is to collect's some common insect from the various regions of Pune and try to identify on the basis of genetic makeup with using DNA barcoding method to support the developing barcoding Database at **NCBI** under guidance of Dr.Yogesh Shouche [**Scientist-'G'**].

**Project Findings-** I found 3Cryptic species out of 12 different species that I examined.

3. Identification of gut microbial diversity in Lepisma on the basis of 16s r-RNA.

### Description-

The main intension of the project is to identify the gut microbes on the basis of 16s r-RNA who helps to digest cellulose for Lepisma under guidance of Dr.Yogesh Shouche [**Scientist-'G'**].

**Project Findings-** Still processing.

## Ph.D work at National Center for Microbial Research (NCRM), Pune

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4. Molecular taxonomy of Coleopteran insect from Western Ghats of India.

### Description-

The main intension of the work is to collect's beetles from the various regions of **Western Ghats of India** and try to identify on the basis of genetic makeup with using DNA barcoding.

**Results:** Still processing.

## Patents at Intellectual Property Right, India.

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1. A new nuclear stain from leaves of *Terminalia catappa* L.
2. A new organic stain for vascular bundles from leaves of *Terminalia catappa* L.

## RESEARCH Skills

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- DNA barcoding technique .
  - Working knowledge& practical handling of DNA isolation kit.
  - Working knowledge& practical handling of PCR kit.
  - Working knowledge& practical handling of Gel Electrophoresis.
  - Working knowledge& practical handling of NanoDrop Spectrometer.
- Working knowledge & practical handling of centrifuge Machine, Deep freezer, Ultra Low temperature Freezer, Eppendorf centrifuge, Eppendorf Mix-Mate & PCR.
- Learning Knowledge of DNA sequence Machine.
- Preparation of Different Media culture for Micro-organism and different microbiological technique.
- Working knowledge & practical handling of Sequence editing software (e.g. Chromas Pro & Bioedit)
- Working knowledge & practical handling of Blast Tool at NCBI.
- Working knowledge & practical handling Phylogentic Software (MEGA 7)

## Computer Skills

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- **MS-CIT - MKCL- 88/100 marks**
  - MS Office 2000/07/10
  - OS - DOS, Windows 98/2000/XP/07/Vista/08, LINUX.
  - Typing - English, Hindi & Marathi

Date: 24/11/2021

Place: Nashik

(Pranil Jagdale)