

# *Arun Digambar Ghuge*

---

**Email:** arunhuge12@gmail.com

**Phone:** +91- 8275219852

**Address:** At-Malegaon, Po- Amanwadi, Tq-Malegaon, Di-Washim, 444503

## Personal Details

---

**Gender:** Male

**Mother Tongue:** Marathi

**Date of Birth:** 12<sup>th</sup> November 1985

**Marital Status:** Unmarried

## Work Experience – 2 year

---

- **National Institute for Research in Reproductive Health (NIRRH) Dec 2012-Nov 2014** Junior  
Research Fellow at Department Clinical Research-I  
Work Profile – Standardization of ELISA assay for detection of anti-endometrial antibodies from serum samples, coordinating recruitment of study participants, performing ELISA assay using recruited samples, western blot analysis to detect anti endometrial antibodies in patient sera.
- **Department of Biotechnology, Sant Gadge Baba Amravati University Jan- Jul 2009**  
Dissertation trainee  
Work Profile - Selection of Economically affordable and higher yielding substrate for ethanol fermentation by using yeast.

## Education

---

- **Master of philosophy in Biotechnology- Dec 2009**  
Sant Gadge Baba University Amravati  
Secured – 68 %
  - **Master of Science in Biotechnology - June 2008**  
Institute of science, Dr Babasaheb Ambedkar Marathwada University, Aurangabad.  
Secured – 58 %
  - **Bachelor of Science - June 2006**  
Shri Shivaji College, Akola  
Secured – 57%
  - **Higher Secondary Certificate Examination – June 2003**  
Maharashtra State Board of Secondary and Higher Secondary Education, India  
Secured 57 %
-

## Other Qualifications

---

- **Qualified National Eligibility Test (CSIR-NET) for Lectureship in Jun 2012, Dec 2012 and Dec 2013 (CSIR-JRF) and (UGC-JRF) Jun 2014 .**
- **Qualified National Eligibility Test (ICAR-NET) for Lectureship in Oct 2013**
- **Qualified Graduate Aptitude Test for Engineering (GATE) in 2010 and 2011**

## Conference/Workshops

---

- Attended the workshop on "Protein Microarray" held at IIT Bombay in 2014
- Attended Annual conference of Mumbai Hematology Group held at Mumbai in 2015
- Attended National workshop on "Advance molecular techniques" in Aurangabad 2
- Attended National symposium in Zoology with special reference to Biotechnology and Bioinformatics held at Y.C. Institute of Science, Satara.
- Attended the National Level Conference on "Contribution of biological research to Mankind" held at J.E.S. College Jalna.

## Awards

---

- Awarded with first prize in poster presentation "Transgenic Plant "in National Science and Technology exhibition in 2007.

## Posters/Publications

---

- R Gajbhiye , **A Ghuge**, K Bhusane, N Warty, R Sawant, K Padte, A Humne, P Das Mahapatra, A Chauhan·S Begum, V Khole "Peptide Cocktail Enhances Serodiagnostic Ability for Diagnosis of Endometriosis" at IFFS/ASRM 2013, Boston.
- "Panel of autoimmune markers for non-invasive diagnosis of endometriosis in early stages: A multi-center study" manuscript communicated.
- T Bendigeri, **A Ghuge**, K Bhusane, N Warty, R Sawant, K Padte, A Humne, P Das Mahapatra, A Chauhan·S Begum, V Khole and R Gajbhiye. Poster presentation "Evaluation of a panel of seven biomarkers for non-invasive diagnosis of endometriosis in early stages: A multi-center study" at International Conference on **Reproductive Health and the 25th Annual Meeting of the Indian Society for the Study of Reproduction & Fertility** held at Mumbai, India from 14th – 17th February 2015

## Techniques Known

---

- DNA isolation, Plasmid isolation, Protein extraction, Protein precipitation.
- Gel Electrophoresis (SDS-PAGE, Native PAGE, Agarose), 2-D Gel Electrophoresis.
- Immunological techniques, Chromatography techniques, Biochemical Assays,
- Molecular Biology Techniques (PCR, ELISA).
- Cell Culture – Bacterial and Mammalian.
- Hematological techniques.

**Arun Ghuge**