**CURRICULUM VITAE**

**Totade Sumit Prakashrao**

**Qualification :** M.Sc. Biotechnology

**Email Id:** [sptotade@gmail.com](mailto:Purushottam.totade@gmail.com)

**Cell no. –** +91 7620910999

**Personal Strength: -**

An enthusiastic, adaptive and fast-learning person with a broad and acute interest in the field of Molecular Biology, Genetics and Plant breeding, I particularly enjoy collaborating with scientists from different disciplines to develop new skills and solve new challenges.

**Awards and Fellowships:**

* Qualified GATE BT 2015 with GATE Score 380
* Qualified CSIR JRF NET Dec-2014 with AIR 56
* HBNI fellowship for Ph.D. in Life Sciences

**Professional Experience:**

**1. Masters Project-** “*To study Host Specificity of Rhizobium”* carried out at Department of Microbiology, BAIF Deelopment research foundation, CRS, Uruli kancahan (Pune), during 2/2012 to 3/2012.

**2. Junior Research Fellow** (JRF) at BAIF Development Research Foundation, Central Research Station Uruli Kanchan, Pune, Maharashtra – From May, 2nd 2013 to June, 30th 2014. Expertise developed includes:

* Bibliographical research and acquisition to mentor.
* DNA Extraction from Blood, Semen, Milk etc.
* RT-PCR for Bovine disease testing.
* Karyotyping of Bovine.
* DNA Data Bank preparation of BAIF bovine samples.

**3. Ph.D.** at Bhabha Atomic Research Centre, Mumbai (Affiliation- Homi Bhabha National Institute, Mumbai-400085) From Jan, 1st 2016 to present (Presynopsis due in 2nd week of June, 2022). Expertise developed in following areas / techniques:

* Polymerase Chain Reaction (PCR)
* Electrophoresis
* Primer designing
* Molecular mapping using SSR marker
* Recombination breeding

**Publications: (2 Research articles, 4 Abstracts)**

1. **Totade, S. P.**, Gupta, S. K., & Manjaya, J. G. (2022). Identification of resistance sources against bacterial pustule disease caused by *Xanthomonas axonopodis* pv. *glycines* in soybean using excised leaf technique. *International Journal of Plant & Soil Science*, *34*(18), 120-127.
2. Sudhir Kumar Gupta, **Sumit Totade** and J. G. Manjaya (2021). Genetic mapping and validation of SSR markers linked to leaflet shape in soybean using a recombinant inbred line population. *Electronic Journal of Plant Breeding*, *12*(4), 1300-1307.
3. **Totade S.P**., Gupta S. K. and Manjaya J. G. (2019). Development of high yielding bacterial pustule resistant soybean lines. ISGPB: south chapter on potential crops for food and nutritional security, Dec 14-15, 2019, Tamil Nadu agriculture university, Coimbatore (Tamil Nadu)
4. **Totade S.P**., Gupta S. K. and Manjaya J. G. (2019). Development of bacterial pustule resistant soybean genotypes and its evaluation for phenolic content. 88th SBC(I) Annual Meeting and conference (SBCI2019) on Interface of Biology & Chemistry: Health and Nutrition, Oct 31 to Nov 3, 2019 DAE Convention Centre, Anushaktinagar, Mumbai, India.
5. **Totade S.P**., Gupta S. K. and Manjaya J. G. (2018). Breeding for bacterial pustule disease in soybean. DAE-BRNS life sciences symposium (LSS-2018) on “*Frontiers in Sustainable Agriculture*” April 26-28, 2018, DAE Convention Centre, Anushaktinagar, Mumbai, India.
6. **Totade S.P.,** Gupta S. K. and Manjaya J. G. (2018). Screening and identification of new resistant sources for bacterial pustule disease in soybean. 105th Indian Science Congress on “*Reaching and unreached through Science and Technology*” from March 16-20, Manipur University, Imphal, Manipur.

**Seminar/ Conference attended**

1. National Symposium on Potential Crops for Food and Nutritional Security, 14-15 December, 2019 at TNAU, Coimbatore, Tamil Nadu.

2. 88th SBC(I) Annual Meeting and conference (SBCI2019) on Interface of Biology & Chemistry: Health and Nutrition, 31 October to 3 November, 2019 at DAE Convention Centre, Anushaktinagar, Mumbai, India.

3. DAE-BRNS life sciences symposium (LSS-2018) on “*Frontiers in Sustainable Agriculture*” 26-28 April, 2018, at DAE Convention Centre, Anushaktinagar, Mumbai, India.

4. 105th Indian Science Congress on “*Reaching and unreached through Science and Technology*” from 16-20 March, 2018 at Manipur University, Imphal, Manipur.

5. Participated in the academic and interaction session during the 4th INSPIRE Internship Program/ Science Conclave: A Congregation of Nobel Laureates and Eminent Scientist, An MHRD-DST initiative, from 26 November to 02 December 2011 at IIIT-Allahabad

6. Participated in the state level seminar on ‘Biodiversity and Environmental Awareness’ sponsored by BCUD, University of Pune, 22-23 January 2010, at R.B. Narayanrao Borawake College, Shrirampur, Dist. Ahmednagar.

**Trainings /Workshops**

* Attended training programme *“Hands on Training in Biofertilizer and bio-control“*on 6 February to 31 March , 2012 at BAIF, CRS, Urulikanchan, Dist. Pune
* Participated in Science communication workshop (SciComm 101) organized by Wellcome trust/ DBT India Alliance, on 3 February at Bhabha Atomic Research Centre, Mumbai.

**Educational Qualification**

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| **Sr. no.** | **Exam** | **Subjects** | **Board/ University** | **Year of Passing** | **Percentage** |
| **(%)** |
| 1 | M.Sc. | Biotechnology | SRTMUN | 2011-12 | 75.41 |
| 2 | B.Sc. | Biotechnology | SRTMUN | 2009-10 | 72.05 |
| 3 | H.S.C. | General Science | Aurangabad | 2006-07 | 55 |
| 4 | S.S.C. | Mar ,Eng, Sci | Aurangabad | 2004-05 | 63.16 |

**Personal Details:**

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| **Name** | TotadeSumit Prakashrao |
| **Date of Birth** | 7th Feb.1990 |
| **Gender** | Male |
| **Nationality** | Indian |
| **Marital status** | Single |
| **Languages** | English, Marathi, Hindi |
| **Hobbies** | Net surfing, Travelling, Cricket etc. |

**Permanent Address**

**Mr. Sumit Prakashrao Totade**

C/o Prakash Kashinathrao Totade,

Revulgaon, At post Aral

Tal Basmat, Dist Hingoli

Pin -431512 (Maharashtra)

**Contact Number: 07620910999**

## *Declaration:*

## *I hereby declare that above information is correct to the best of my knowledge and belief.*

**Place:** Navi Mumbai

**Date: Name: Totade Sumit Prakashrao**

**References:-**

1. **Dr. J. G. Manjaya**

S/O G & Head, Experimental Gamma Field Facility Section,

Nuclear Agriculture and Biotechnology Division,

Bhabha Atomic Research Centre,

Trombay, Mumbai, 400085.

1. **Dr. S. K. Gupta**

**S/O F,**

Nuclear Agriculture and Biotechnology Division,

Bhabha Atomic Research Centre,

Trombay, Mumbai, 400085.

1. **Ms. Anjali Chauhan**

Nuclear Agriculture and Biotechnology Division,

Bhabha Atomic Research Centre,

Trombay, Mumbai, 400085.