**Publication details:** **RG Score-11.83, Citations- 92, h-index- 6, i10 index- 4**

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| --- | --- | --- | --- |
| Authorship | No. of publications | Publication details | Number of publications |
| First AuthorCorresponding authorCo-author | 060305 | NAAS > 7NAAS > 6NAAS < 6 | 060402 |
| Total | 14 |  |  |

# List of publications:

1. **Shingote, P.R.,** Kawar, P.G., Pagariya, M.C., Muley, A.B., and Babu, K.H. (2020). Isolation and functional validation of stress tolerant EaMYB18 gene and its comparative physio-biochemical analysis with transgenic tobacco plants overexpressing SoMYB18 and SsMYB18. 3Biotech 10:225. https://doi.org/10.1007/s13205-020-02197-2. **NAAS rating: 7.78, IF. 1.78 Citations 0.**



1. 2. **Shingote, P.R.,** Mithra, S.A., Sharma, P., Devanna, N.B., Arora, K., Holkar, S.K., Khan, S., Singh, J., Kumar, S., Sharma, T.R. and Solanke, A.U. (2019). LTR-Retrotransposons and highly informative ISSRs in combination are potential markers for genetic fidelity testing of tissue culture-raised plants in sugarcane. **Molecular Breeding**,
2. [https://doi.org/10.1007/s11032-019-0931-5.](https://doi.org/10.1007/s11032-019-0931-5.IF.%202.47)

[](https://doi.org/10.1007/s11032-019-0931-5.IF.%202.47)**NAAS rating: 8.47, IF. 2.47, Citations 0**

1. Muley A.B., **Shingote** **P.R**., Patil A.P., Dalvi S.G. and Suprasanna P. (2019). Gamma radiation degradation of chitosan for application in growth promotion and induction of stress tolerance in potato (*Solanum tuberosum* L.). **Carbohydrate Polymers,** [https://doi.org/10.1016/j .carbpol. 2019.01.056](https://doi.org/10.1016/j%20.carbpol.2019.01.056).

**NAAS rating: 10.81, IF. 5.15,** **Citations 06**

1. Kharte, S.B., Watharkar, A.D., **Shingote, P.R.,** Chandrashekharan, S., Pagariya, M.C., Kawar, P. G. and Govindwar, S.P. (2016). Functional characterization and expression study of sugarcane MYB transcription factor gene *PEaMYBAS1* promoter from *Erianthus arundinaceus* that confers abiotic stress tolerance in tobacco. **RSC Advances**, 6(23).

**NAAS rating: 8.94**, **IF. 3.09,** **Citations 07**

1. **Shingote, P.R.,** Kawar, P.G., Pagariya, M.C., Kuhikar, R.S., Thorat, A.S., and Babu, K.H. (2015). *SoMYB18*, a sugarcane MYB transcription factor improves salt and dehydration tolerance in tobacco. **Acta Physiologiae Plantarum**, 37(10), 1-12.

**NAAS rating: 7.44**, **IF. 1.44,** **Citations 13**

1. **Shingote, P.R.,** Kawar, P.G., Pagariya, M.C., Rathod, P.R., and Kharte, S.B. (2016). Ectopic expression of *SsMYB18*, a novel MYB transcription factor from *saccharum spontaneum* augments salt and cold tolerance in tobacco. **Sugar Tech**, 19(3): 270-282. DOI 10.1007/s12355-016-0466-6.

**NAAS rating: 6.81**, **IF. 0.81,** **Citations 01**

1. Thorat, A.S., Muley, A.B., **Shingote, P.R.** and Babu, K.H. (2016). Establishment of sterilization method for reducing microbial contamination for emergent quality of sugarcane (*Saccharum officinarum* L.) in an efficient micropropagation system. Research **Journal of Pharmaceutical, Biological and Chemical Sciences** 7(2):1122-1135.

**NAAS rating: 6.34**, **IF. 0.34,** **Citations 04**

1. Thorat, A.S., Pal, R.K., **Shingote, P.R\*.,** Kharte, S.B., Nalvade, V.N., and Babu K.H. (2015). Detection of sugarcane mosaic virus (ScMV) in diseased sugarcane using ELISA and RT-PCR technique**. Journal of Pure and applied Microbiology** 9 (1):319-327.

**NAAS rating: 6.23**, **IF. 0.23,** **Citations 08**

1. Dhumale, D.R., **Shingote, P.R\*.**, Dudhare, M.S., Jadhav, P.V. and Kale, P.B. (2016). Parameters influencing *Agrobacterium*-mediated transformation system in safflower genotypes AKS-207 and PKV pink. **3 Biotech**, 6(2), 181.

**NAAS rating: 7.50**, **IF. 1.49,** **Citations 01**

1. **Shingote, P.R.,** Moharil, M.P., Dhumale, D.R., Jadhav, P.V., Satpute, N.S. and Dudhare, M.S. (2013). Screening of vip1/vip2 binary toxin gene and its isolation and cloning from local *Bacillus thuringiensis* isolates. **Sci Asia**, 39, 620-624.

**NAAS rating: 6.45**, **IF. 0.45,** **Citations 11**

1. **Shingote, P.R.,** Moharil, M.P., Dhumale, D.R., Deshmukh, A.G., Jadhav, P.V., Dudhare, M.S. and Satpute, N.S. (2013). Distribution of vip genes, protein profiling and determination of entomo- pathogenic potential of local isolates of *Bacillus thuringiensis*. **Bt Research**, 4(1).

**IF. 0.25,** **Citations 06**

1. Dipti, R.D., Dudhare, M.S., Mohite, N.R., **Shingote, P.R.,** Jadhav, P.V. and Moharil, M.P. (2015). Refinement of *in-vitro* regeneration system in elite safflower (*Carthamus tinctorius* L.) Genotypes. **Journal of Cell and Tissue Research**, 15(1), 4849.

**NAAS rating: 4.04**, **Citations 02**

1. Suryawanshi, K.K., Ingle, S.T., **Shingote, P.R.** and Chaudhari, S.R. (2013). Chitinase production ability of *Tricho dermaviride* mutants. **BIOINFOLET**, 10(3b), 1048-1050.

**NAAS rating: 3.75**, **Citations 04**

1. Limbalkar, O.M., Dhumale, D.R. and **Shingote, P.R.\*** (2018). Current Understanding of Genome Editing and Its Application in Plant Breeding. **Proceedings of PSMB** 15-16, February 2018, pp. 153-160. (**ISBN:** 978-93-5321-456-2)

**Sequence submitted to NCBI database:**

# *C:\Users\admin\Desktop\ncbi.pngSaccharum spontaneum* Myb transcription factor 18 (MYB18) gene, complete cds. Shingote, P.R., Kawar, P.G., Pagariya, M.C., Rathod, P.R. and Kharte, S.B. 1657 bp DNA linear PLN 19-FEB-2017, GenBank: KU578002

**First prize:**

* Thorat, A.S., **Shingote, P.R.**, Hunchikatti, V. and Babu, K.H. (2015). Genetic transformation of sugarcane (*Saccharum officinarum*) seed fluff with *Cry1f* gene and molecular analysis. 6th Indian Youth Science Congress at Acharya Nagarjuna University, Guntur Andhra Pradesh held on 19th -21st January, 2015, poster presentation PP 347- 348.

# Organization of training programs:

1. Assisted in **organizing** the DBT sponsored training program on 'Genetic fidelity testing and virus indexing of tissue culture raised plants for ATLs' at National Research Center on Plant Biotechnology, New Delhi during 20th Feb to 4th March, 2017. (National level)
2. Assisted in **organizing** the DBT sponsored training program on 'Genetic fidelity testing for tissue culture raised plants for ATLs' at National Research Center on Plant Biotechnology, New Delhi during 23rd - 27th November, 2015. (National level)
3. Assisted in **organizing** BIRAC sponsored training program on 'Marker Assisted Selection and transgenic development for crop improvement' at National Research Center on Plant Biotechnology, New Delhi during 18th – 20th February, 2016.

# Extra curriculum:

* + - Actively participated in Dr. PDKV, National Service Scheme (**NSS**) seven days program At Shirasgaon Band, Dist. Amravati during 4th -10th January, 2009.
		- Actively participated in ten days International Service scheme (**INS**) camp program at Naya Akola, Amravati during 23rd September – 2nd October, 2008.

# Membership of professional / scientific societies:

* + - Life Membership of PKV Research Journal Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola.
		- Life Membership of Society for Plant Biochemistry and Biotechnology" National Research Center on Plant Biotechnology, New Delhi.
		- Life Membership of "Indian Society for Genetics and Plant Breeding" NASC, New Delhi

# Abstracts published / Symposia attended:

1. **Shingote, P.R.**, Kawar, P.G. and Solanke, A.U. (2017). Over-expression of sugarcane MYB18 transcription factors deciphering tolerance to drought and salinity stress. European Molecular Biology Organization (**EMBO**) International conference on Micro and metabolic regulators in plants held at Thiruvananthapuram, India on 1st – 4th February, 2017, poster presentation.
2. **Shingote, P.R.**, Sharma, P., Arora, K., Devanna, N.B., Mithra Amitha, Solanke, A.U. and Sharma, T.R. (2016). Development of genetic fidelity testing system for the detection of tissue culture raised somaclonal variation in sugarcane crop. International Conference and Exhibition on Sugarcane Value Chain-Vision 2025Sugar, VSI Pune, Maharashtra India, held on 13th - 16th November, 2016, poster presentation ASP 47.
3. **Shingote, P.R.**, Kawar, P.G. and Solanke, A.U. (2016). Comparative abiotic stress tolerances of *Saccharum* MYB18 orthologs in stable transgenic tobacco plants. Plant and Animal Genome conference XXIV (**PAG**)at San Diego, California USA, held on 9th - 13th January, 2016, Abstract P0616.
4. Pal, R.K., **Shingote, P.R.\***, Thorat, A.S., Dhumale, D.R. and Babu, K.H. (2015). Detection of sugarcane mosaic virus (ScMV) in diseased sugarcane using ELISA and RT-PCR technique” Authors: Presented Paper at 6th Indian Youth Science Congress at Acharya Nagarjuna University, Guntur Andhra Pradesh held on 19th - 21st January, 2015, paper presentation PP 342-343.
5. Moharil, M.P., **Shingote, P.R.**, Thorat, A.S., Jadhav, P.V., Deshmukh, A.G., Dudhare, M.S. and Satpute, N. (2015). Molecular Characterization of cry and cyt genes in native *Bacillus thuringiensis* isolates” Proceedings in 2nd International Conference on Frontiers in Biological Sciences (Incofibs-2015) 22nd - 24th January, 2015, poster presentation PP132.
6. Participated in National seminar on opportunities and challenges in Agribusiness at, MITCON, Pune held on 28th January, 2012.
7. Participated in national level exhibition at Shri Shivaji College of Agril Biotechnology, Amravati in ‘Recent trends in Biotechnology’ event held on 23rd - 24th January, 2010.
8. Participation in national level paper presentation at Guru Govind Singh College of Engineering, Nanded held on 6th - 8th March, 2009.
9. Participation in national level technical symposium VISION 2K8 at Walchand College of Engineering, Sangli held on 29th February - 2nd March, 2008.

# Compilation of books/ manuals:

# Mirajkar, S.J., Kale, P.B. and Shingote, P.R. (2017). A practical manual for Plant Physiology and Biochemistry. Lambert Academic Publishing, ISBN: 978-3- 330-03413-6.

# Kale, P.B., Mirajkar, S.J. and Shingote, P.R. (2017). A practical manual for basic techniques in Molecular Biology. Lambert Academic Publishing, ISBN: 978-3-330-03194-4.

# Assisted in compilation of two teaching aid practical manual for 'Genetic fidelity testing of tissue culture raised plants for training (2016) at National Research Center on Plant Biotechnology, New Delhi.

# Popular articles:

1. **Shingote, P.R.** and Dhumale, D.R. (2017). Molecular Markers; the key to molecular breeding strategy. http://www.biotecharticles.com/Genetics-Article/'Molecular Markers; the key to molecular breeding strategy -4021.html.
2. **Shingote, P.R.** and Dhumale, D.R. (2017). Nutrient media for plant tissue cultures. http://www. biotecharticles.com/Biotech-research-articles/Nutrient-Media-for-Plant-Tissue-Cultures -4020.html.
3. **Shingote, P.R.,** Mirajkar, S.J. and Kale, P.B.(2017). Introduction to Bioinformatics. http://www.biotecharticles.com/Application-articles/Introduction-to-Bioinformatics-4018.html.
4. **Shingote, P.R.** and Dhumale, D.R. (2016). Double haploids: A promising tool in plant breeding. http://www.biotecharticles.com/Genetics-Article/Double-Haploids-A-Promising-Tool-in-Plant-Breeding-3637.html.

# Bioinformatics skills acquired:

* ICIM QTL mapping, MapMaker, NTSYSpc, BioEdit, Primer3, PLACE, PLANTCARE, ClustalW, FGENISH, Expasy, EBI-EMBL, XLSTAT etc.

# Computer certification course:

# Completed Computer certification course Maharashtra State Certificate in Information Technology (MS-CIT), conducted by Maharashtra State Board of Technical Education and Maharashtra Knowledge Corporation Limited.

 **“*Creativity is contagious pass it on*”**

**-Albert Einstein**