

1. **Name** : Dr. Yogesh M. Shukla
2. **Designation** : Professor and Head
3. **PROFRSSIONAL EXPERIENCE** :
TEACHING : 26 Years (UG & PG)
RESEARCH : M.Sc. Guided : 13 Presently working : 2
Ph.D. Guided : 06 Presently working : 5
4. **PUBLICATIONS:**
 - a) **Book** : 02
 - i. A book on Plant Secondary Metabolites (2009). : **Y.M. Shukla**, Jitendra J. Dhruve, N.J. Patel, Ramesh Bhatnagar, J.G. Talati and K.B. Kathiria. : ISBN No. 978-81-90851-22-0 NIPA Publication , New Delhi.
 - ii. A book on Wheat (*Triticumaestivum* L. and *Triticum durum* L.). Zala, H. N., Kulkarni, K. S. and **Shukla. Y. M. (2013)**. Molecular and biochemical characterization for drought stress. ISBN: 978-3-639-51441-4, Scholar's Press, AV Akademikerverlag GmbH & Co. KG, Germany.
 - b) **Book Chapters** : 01
 - i. **Tania Das and Shukla YM (2014)**. Brassinosteroids – As an Amelioretic Agent Against Salinity Stress in Cereals. In Innovations in Plant Sciences and Biotechnology. Ed. By Wani, Malik, Hora and Kaur. Published in AGROBIOS (INDIA), Jodhpur.
 - c) **Manual** : 01
Bhatnagar R., Shukla YM and Talati J.G. (2007). Biochemicals methods for agriculture science.
 - d) **Research papers published ISSN journal** : 29
 - i. **International Journal** : 06
 - ii. **National Journal** : 23
 - e) **Research paper presented in Seminar/Symposia/Conference** : 51
 - f) **Popular articles** : 12 (Gujarati Articles)
 - g) **TV Talk** : 01
 - h) **Participation in Krushimahotsav** : 04
 - i) **Scientific recommendations** : 03
 - j) **Contribution in variety release** : 01
 - k) **Life Membership of scientific societies** : 06
 - l)
5. **CONTRIBUTION:**
 - (1) Transcriptome analysis for downy mildew resistance in bajra and isagol. Sequences related to downy mildew resistance were identified, validated and submitted to NCBI.
 - (2) Work on pathogenesis related proteins and their possible role in wilt disease resistance.
 - (3) Molecular and biochemical characterizations in genotypes of small millets i.e. Finger millet and Amaranthus.
 - (4) Genetic transformation of Nucleotide Binding Site-Leucine Rich Repeat (NBS-LRR) of *Mi* gene for developing resistance against *Meloidogyne incognita* in tomato (*Solanum lycopersicum* L.).