

BRIEF RESUME

1. **Name** : Dr. Yogesh M. Shukla
2. **Designation** : Principal & Unit Head **Date of Birth** : 03/10/1962
3. **Address** : 19, Vishrut Park-2, Jitodia Road, Anand-388 001.

4. **EDUCATIONAL QUALIFICATION :**

Sr. No.	Degree	Year of Passing	Class/Grade Obtained	Board/ University	Field of Specialization
1.	B. Sc.	1983	First (68.0%)	Gujarat University, Ahmedabad	Biochemistry
2.	M. Sc.	1986	Second (6.41/10.00)	Gujarat Agril. University, S.K.Nagar	Agricultural Biochemistry
3.	Ph. D.	2001	First (7.14/10.00)	Gujarat Agril. University, S.K.Nagar	Agricultural Biochemistry

5. **EMPLOYMENT RECORD :**

Sr. No.	Designation	Period	Name of Employee	Experience (Yrs.)
1.	Assistant Professor	10-4-1989 - 9-4-1995	GAU, S.K.Nagar	6
2.	Assistant Professor (Sr. Scale)	9-4-1995 - 10-4-2000	-DO-	5
3.	Assistant Professor (Sl. Grade)	10-4-2000 - 24-9-2001	-DO-	1 ¼
4.	Associate Professor (P)	24-9-2001 to 31-12-2008	-DO-	6 Years and 3 months
5.	Professor (P)	1-1-2009 to 31-03-2016	AAU	7 years and 3 Months
6.	Professor & Head Department of Plant Physiology	1-4-2016 to 30-06-2016	AAU	3 months
7.	Unit Officer & Principal	1-7-2016 to till today	AAU	Continue

6. **THESIS TITILE:**

- a) **M.Sc.:** “Studies on biochemical aspects of host parasite interaction in root knot nematode resistant and susceptible crop plants”.
- b) **Ph.D. :** “Biochemical studies on host pathogen interaction during vascular wilt disease in chickpea (*Cicer arietinum* L.)”.

7. **PROFRSSIONAL EXPERIENCE :**

TEACHING : **27 Years (UG & PG)**
RESEARCH : **M.Sc. Guided : 14 Presently working : 1**
Ph.D. Guided : 11 Presently working : 1

PROJECTS HANDLED:

- a. **Departmental projects** : **19**
- b. **State Government Project (GSBTM)** : **02**

8. **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 Ameliorative 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 : 39**
 - i. **International Journal : 13**
 - ii. **National Journal : 26**
- e) **Research paper presented in Seminar/Symposia/Conference : 65**
- f) **Popular articles : 12** (Gujarati Articles)
9. **EXTENSION RELATED ACTIVITIES :**
 - a) TV Talk : **01**
 - b) Participation in Krushimahotsav : **04**
 - c) Scientific recommendations : **08**
 - d) Contribution in variety release : **01**
 - e) Resource Person in Training : **07**
 - f) **P.G. Incharge (In Agril. Faculty) : 2009-2016**
10. **MEMBERSHIP :**
 - a) Life Member: 06 organizations (ISPBB, ISAB, ISAP, GAAS, Vigyan Gurjari, MAP)
 - b) Member of Biotechnology Research Committee AAU
 - c) Member of P.G. Board of Studies of AAU
 - d) Secretary of Vigyan Gurjari, Gujarat.
11. **AWARD : 03 (State level)**
12. **PROFESSIONAL DEVELOPMENT ACTIVITIES :**
 - a) Participation in Trainings/Winter School/Advanced Courses/Short Courses : **08**
 - b) Participation in International Seminars : **03**
 - c) Participation in National Seminars : **10**
 - d) Participation in State Level Seminars : **17**
13. **MAJOR CONTRIBUTION:**
 - a) Transcriptome analysis for downy mildew resistance in Bajra and Isabgol. Sequences related to downy mildew resistance were identified, validated and submitted to NCBI.
 - b) Work on pathogenesis related proteins and their possible role in wilt disease resistance. Protocols development for various stress related enzymes, endogenous genes and stress proteins.
 - c) Molecular and biochemical characterizations in genotypes of small millets *i.e.* Finger millet and Amaranthus.
 - d) 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.).

(Y.M. Shukla)