

**Dr. CHAUDHARI GANESHBHAI BHIKHABHAI**College of Agricultural Information Technology  
AAU, Anand - 388 110**Experience**

More than 23 Years

**Specialized Subject**

Agricultural Meteorology

**Personal Details****Contact No.** +91-9824370451 (M) +91-2692-263124 (O)**Email** gbcha@aau.in (O) gbcha7151@gmail.com (P)**Educational Information**

Degree	Exam	University	Specialization	
			Major	Minor
Doctorate	Ph.D.	Gujarat Agricultural University, SK Nagar	Agril. Meteorology	Agronomy
Master	M.Sc. (Ag)	Gujarat Agricultural University, SK Nagar	Agril. Meteorology	Agril. Statistics
Bachelor	B. Sc.	Gujarat University, Ahmedabad	Physics	Mathematics

**Research Work**

**Recommendation** for Scientific Community : Relationship : **Weather parameters and Rice productivity using Data Mining Approaches**  
Scientists are advised to use "CorrelationAttributeEval" algorithm for feature selection and function based "Sequential Minimal Optimization (SMO)" algorithm for classification in data mining of rice yield prediction with weekly weather parameters for Kheda district of Gujarat (AGRESO Research Report : 2020-21)

**Principal Investigator** : SAC ISRO Project at CAIT, AAU, Anand

"Gross Primary Productivity from Agriculture using GISAT Data" Tenure : 15<sup>th</sup> July, 2017 to 24<sup>th</sup> September, 2020  
(3 Year 2 Month)

**Ph.D.**

Crop-Pest-Weather Interaction And Population Dynamic Of Heliiothis armigera (Hubner) In Two Diverse Pigeonpea (Cajanus cajan (L.) Millsp.) Genotypes (BDN-2 and GT-100) at Anand

**M.Sc. (Ag)**

Studies on Some Aspects of Thermal and Radiation Regimes on Growth and Development of Two Wheat Species (Triticum aestivum, Linean and Triticum durum, Linean) At Anand

**Main - Published Research Papers/ Books**

- "Crop Growth Simulation Models"
- "Crop Co-efficients of Major Crops of Middle Gujarat Region"
- "Medium Range Weather Forecast verification for Middle Gujarat Region"
- "Relationship between Pigeonpea Leaf Area Index and Actual Evapotranspiration"
- "Validation of SPAW model for Soil Moisture and Evapotranspiration under wheat crop"
- "Weather parameters and Crop productivity Relationship Using Data Mining Approaches"
- "Mustard Growth and Development in relation to Interception of Photo Synthetically Active Radiation"

**Abstract of Experience**

Sr.	Particulars	Years	Months
1	Experience below Assistant Professor & its equivalent cadre	8	6
2	Experience in the cadre of Assistant Professor & its equivalent cadre	14	10

**Publications**

Sr.	Particulars	Number
1	Research papers published in International Journal	5
2	Research papers published in National Journal	21
3	Popular Articles and Booklets	8

**Seminar / Workshop / Summer / Winter School / Training Attended**

Sr.	Particulars	Number
1	Conference/ Seminar	7
2	Workshop	8
3	Summer/ Winter School/ Training	
	Short Term Training Course (3 Weeks)	4
	Short Term Training Course (1 or 2 Weeks)	7
4	Membership	8
5	Recommendation for Scientific Community	2