

Dr. CHIRAG DESAI

Scientist (Banana Pseudostem)
Banana Pseudostem Processing Unit,
Soil and Water Management Research Unit
Navsari Agricultural University, **NAVSARI**,
Gujarat- 396 450; INDIA
Mobile : +91 98250 92971
Email : chiragdesai@nau.in

**Personal information**

Date of Birth	05-06-1983
Nationality	Indian

Professional Qualification

Degree with specialization	University/ Board	Year of Passing	Specialization
B.Sc. Horticulture	Navsari Agricultural University, Navsari	2004	Horticulture
M.Sc. Horticulture	Navsari Agricultural University, Navsari	2006	Post Harvest Technology
Ph.D. Horticulture	Navsari Agricultural University, Navsari	2009	Post Harvest Technology

Professional Experiences

Position	Institute	Period
Scientist	SWMRU, NAU, Navsari	Working since 01/04/2011

PG Guiding

M.Sc. degree (Number of Students guided)	10
Ph.D. degree (Number of Students guided)	00

Medals/Awards/ scholarship/member of society/ etc.

1. Awarded as best scientist by Prof.J.P. Trivedi Award (2013) by Hari-om Ashram; GAAS, Ahmedabad
2. Award for the best innovation work in agriculture by FGI, Vadodara 2013
3. Member of India Horticulture Society
4. Member of Gujarat Horticulture Society
5. Member of *Niti Ayog's* Scientist committee
6. Member of GAAS

Handling of Research Projects

Number of ongoing Research Projects funded by different agencies	04 as PI 05 as Associated scientist
Number of Completed Research Projects funded by different agencies	02 as PI 06 as Co-PI

Achievements

1. Innovator for the one International patent and 4 country specific patent: **NOVEL** Enriched organic liquid fertilizer from the banana pseudostem sap
2. Innovator for the Indian patent: Central core candy from banana central core
3. 18 Technology transfer with the private institutes for the commercial scale production and marketing of **NOVEL** organic liquid nutrients from Banana pseudostem
4. 03 Technology transfer with the private institutes for the commercial scale production and marketing of Central core candy from Banana pseudostem
5. 01 technology transfer for the machineries development
6. 01 technology transfer for the paper technology from banana pseudostem as well as other agro waste
7. 01 International technology transfer for the commercial scale production and marketing of **NOVEL** organic liquid nutrients from Banana pseudostem with African company

8. 22 Recommendation for the farmers communities as well as for the entrepreneurs
9. Member of Niti Ayog, Govt. Of India since 2017

Summary of Research Publications

	Publication Categories		Publication number
1.	Full length Research articles	:	33
2.	Research Notes/ Correspondence	:	15
3.	Review articles	:	03
4.	Paper presented as Oral/Poster in seminars/conferences/workshops	:	20
5.	Books		07
6.	Chapters in Book/ Proceedings	:	12
7.	Training manual		21
8.	Popular articles in Magazines/ Newspaper	:	50+
9.	Laboratory/ Practical Manuals	:	18
10.	Seminar/Conference attended	:	30
11.	Abstracts	:	50
12.	Radio-talk/TV Talk	:	20
13.	special lecture in the training/workshop		200+