BIOGRAPHICAL SKETCH

Name: Dr. Sanjay Mohan Jha

Designation: Principal and Dean, College of Biotechnology, ASPEE SHAKILAM Biotechnology Institute, Navsari Agricultural University, Surat-395007

Date of Birth:14-01-1974 **Sex** (M/F) M **SC/ST**: Nil

Education (Graduation onwards & Professional Career)

Sl No.	Institution	Degree Awarded	Year	Field of Study
1	G. B. Pant University of Agriculture and Technology, Pantnagar	B.Sc.(Ag & AH)	1997	Agriculture
2	Assam Agricultural University (AAU), Jorhat	M.Sc (Agricultural Biotechnology)	2001	Agricultural Biotechnology
3	The Maharaja Sayajirao University of Baroda, Vadodara	Microbiology	2008	Plant Biotechnology

A. Position & Honors:
Position and Employment (Starting with the most recent employment)

Sl No.	Institution	Position	From (Date)	To (Date)
1	ASPEE SHAKILAM Biotechnology Institute, Navsari Agricultural University, Surat	Principal and Dean	1st March 2022	Till date
2	ASPEE SHAKILAM Biotechnology Institute, Navsari Agricultural University, Surat	Associate Professor (Plant Biotechnology)	2nd Oct 2012	Till date
3	ACHF, Navsari Agricultural University, Navsari, Gujarat	Assistant Professor (Biotechnology)	8th April 2008	1stOct 2012

Honors/ Awards

A. Awarded scholarship as a **Senior Research Fellow(SRF)** in the project entitled "Molecular Analysis of Disease Resistance in Rice Plants" funded by **Department of Biotechnology (DBT)**, Govt. of India.

B. Awarded scholarship as a **Junior Research Fellow(JRF)** in the project entitled "Molecular Analysis of Disease Resistance in Rice Plants" jointly funded by **Department of Biotechnology (DBT)**, Govt. of India.

C. Awarded scholarship as a **Project Fellow** in the project entitled "Rice Genetic

Engineering" funded by the grants from **Rockefeller Foundation**, New York, USA.

D. Awarded studentship for pursuing **Master's Degree** in Biotechnology by the **Department of Biotechnology (DBT)**, Govt. of India.

Professional Experience and Training relevant to the Project

Dr. Jha has been working in the area of molecular biology over 12 several years. Previous work has involved development of transgenic rice plants expressing antifungal genes like *Mj-AMP*2 from *Mirabilis jalapa*, *Dm-AMP*1 from *Dahlia merckii*and *Rs-AFP*2 from *Raphanussativus*. The relative level of resistance in these plants was significantly enhanced against fungal pathogens such as *M. oryzae* and sheath blight fungus *Rhizoctoniasolani*.

Dr. Jha has also worked on Plant growth promoting rhizobacteria –P-solubilization, and Bacterial activity in Arsenic contaminated environments, industrial effluent contaminated sites, etc.

Dr. Jha has been working in the area of Nano-biotechnology; characterization of carbon/quantum dots.

B. Publications (Numbers Only)

1. Books/ Monographs :9Chapters contributed to books : 4

2. Research Papers : 57

3.General articles: 2

4. Patents: Nil

Google Scholar profiles:

https://scholar.google.com/citations?hl=en&user=Ru3VskUAAAAJ

Sl No.	Completed Projects: Title	Source of Funds	Amount (Lakhs)	Duration (from – to --)
1	Biotechnical applications for transforming the most abundant bacteria from industrial waste water of south gujarat for bioremediation	DBT, New Delhi (BT/PR-13691/BCE/08/797/2010; Dated 14/06/2011)	27.70	June 2011 to May 2014
2	Identification, isolation and characterization of RcPCS (RicinuscommunisPhytochelatin synthase)in castor	GSBTM, Govt. of Gujarat (GSBTM/MD/Projects/SSA/448/2020-2022; Dated 25/03/2011)	19.67	March 2011 to Feb. 2014