Publications (2010 onwards)

Research Papers: 55

Sr. No.	Publications Details	NAAS Ratting
	2024	
01	Solanki JP, Vyas RV, Jhala YK and Patel HK (2024) Development of pink pigmented facultative methylotrophs' (PPFMs) consortium formulation and its efficacy on chilli (*Capsicum annuum*). Journal of Advances in Microbiology, 24(3), 1–7. https://doi.org/10.9734/jamb/2024/v24i3801	**5.14**
	2023	
02	Vyas RV and Jhala YK (2023) Climate change and agricultural ecosystem: Challenges and microbial interventions for mitigation. Journal of Agrometeorology, 25(3), 352–364. *INVITED REVIEW ARTICLE* (*Silver Jubilee Publication*) https://doi.org/10.54386/jam.v25i3.2305.	**6.00**
03	Dhole AM, Shelat HN, Patel HK and Jhala YK (2023) Evaluation of the co-inoculation effect of rhizobium and plant growth promoting non-rhizobial endophytes on *Vigna radiata*. *Current Microbiology*, 80:167. https://doi.org/10.1007/s00284-023-03266-4	**8.34**
04	Kandoriya PJ, Patel HK, Jhala YK, Pallavi KM, Patel KC and Vyas RV (2023) Zinc solubilizing and sulphur oxidizing bacteria as plant probiotic for summer groundnut. *Biological Forum – An International Journal, 15*(8): 537-545.	**5.11**
05	Saiyad MM, Vyas RV, Mevada KD and Patel HK (2023) Efficacy of salt tolerant plant growth promoting bacterial liquid consortium on growth and yield of wheat (*Triticum aestivum* L.). *Biological Forum – An International Journal, 15*(11): 223-229.	**5.11**
06	Saiyad MM, Vyas RV, Patel HK and Mevada KD (2023) Isolation, characterization and formulation development of salt tolerant plant growth promoting bacteria. *Biological Forum – An International Journal*, 15(12): 340-347.	**5.11**
07	Chaudhary PJ, Raghunandan BL, Patel HK, Mehta PV, Patel NB, Sonth B, Dave A, Bagul SY and Jain D (2023) Plant Growth-Promoting Potential of Entomopathogenic Fungus *Metarhizium pinghaense* AAUBC-M26 under Elevated Salt Stress in Tomato. *Agronomy*. 2023; 13(6):1577. https://doi.org/10.3390/agronomy13061577	**9.95**
	2022	
08	Patel HK, Vyas RV and Shelat HN (2022) Selective enrichment method for isolation of efficient phosphate solubilizing bacteria	**7.33**

	from soil. *Communications in Soil Science and Plant Analysis,* 53(12): 1532–1541. DOI: 10.1080/00103624.2022.2055054.	
09	Dhole A, Shelat H. (2022) Non-rhizobial Endophytes associated with nodules of *Vigna radiata* L. and their combined activity with *Rhizobium* sp. *Current Microbiology*. 79(4):103. doi: 10.1007/ s00284-022-02792-x.	**8.19**
10	Bhimani M, Patel H, Raghunandan BL, Mehta P and Chaudhary P (2022) Influence of iron oxide nanoparticles on growth and activity of native lignocellulolytic bacteria. *The Pharma Innovation Journal*, 11(10): 509-513.	**5.23**
11	Macwan A. H., Shelat H. N., Jhala Y. K., Shah S. N. (2022). Utilization of zinc solubilizing bacteria for better growth and development of summer groundnut (*Arachis hypogae* L.). *The Pharma Innovation Journal*, 11(12): 1027-1035.	**5.23**
2021		
12	Soumya Routray, Suman Kumari, Bornali Borah, Harsha Shelat, Jayvirsinh Pratapsinh Solanki and Veena Khanna (2021) A review on Rhizobia and PGPRs interactions in legumes. *The Pharma Innovation Journal*. 10(7): 1448-1457.	**5.23**
13	Panpatte D.G., Shelat H.N., Jhala Y.K. and Vyas R.V. (2021). Fortified bacterial consortium – A novel approach to control root knot nematode in cucumber (*Cucumis sativum*), *Biological Control,* 155: 104528	**8.75**
14	Patel I. B., Jhala Y. K., Patel H. K., Patel M. H., Shelat H. and Vyas R. V. (2021). Evaluation of antagonistic potential of actinomycetes against phytoppathogenic fungi. *Indian Journal of Pure and Applied Biosciences,* 9(2): 138-150.	**4.74**
2020		
15	Patel A.S., Shelat H.N. and Talati J.G. (2020). Biofortification of maize seeds by potash mobilizing PGPR consortium. *International Journal of Chemical Studies*, 8(2): 1006-1009	**5.31**
16	Patel A.S., Shelat H.N. and Vyas R.V. (2020). Isolation and characterization of native potash mobilizing plant growth promoting rhizospheric bacteria. *International Journal of Microbiology Research*, 12(3):1789-1793	**4.77**
17	Panpatte D. G., Shelat H. N., Jhala Y. K. and Vyas R. V. (2020). *Providencia vermicola* AAU PR1- A New Bioinoculant for Agriculture with Multiple Utility. *Indian Journal Pure Applied Biosciences,* 8(5): 185-194	**4.74**
2019		
18	Manva F. S., Patel H.K. and Vyas R.V. (2019). Effect of insecticides, fungicides and herbicides on 2neumonia2zers bacteria and their consortium. *International Journal of Current*	**5.38**

	Microbiology and Applied Science, 8(06): 691-699	
2018		
19	Patel A. S., Shelat H. N. and Patel H. K. (2018). Isolation and Insecticidal Potential of Native *Bacillus thuringiensis* against *Helicoverpa armigera* and *Spodoptera litura*. *International Journal of Current Microbiology and Applied Sciences,* 7(2): 1330	**5.38**
20	Ramanuj K. B. and Shelat H.N. (2018). Enhancement of Yield and Quality Parameters of *Withania somnifera* by Indigenous Endophytic Bacterial Isolates. *International Journal of Current Microbiology and Applied Sciences,* 7(2): 2569	**5.38**
21	Ramanuj K. B. and Shelat H. N. (2018). Plant Growth Promoting Potential of Bacterial Endophytes from Medicinal Plants. *Advances in Research*, 13(6): 1-15	**4.80**
22	Dhole A.M., Shelat H.N. (2018). Phytomelatonin: A plant hormone for management of stress. *Journal of Analytical and Pharmaceutical Research,* 7(2): 188–190.	**-**
2017		
23	Archana Dhole, Harsha Shelat and Deepak Panpatte (2017). *Chryseobacterium indologenes* : A Novel Root Nodule Endophyte in *Vigna radiate*. *International Journal of Current Microbiology and Applied Sciences,* 6(4): 836-844	**5.38**
24	Pandya H.A. and Shelat H.N. (2017). *Pseudomonas aeruginosa* KPSE 3 – An Endophytic PGPR for Bio Control of Potato Phytopathogens. *International Journal of Current Microbiology and Applied Sciences,* 6(5): 2954-2964	**5.38**
25	Patel A.S., Shelat H.N. and Patel H.K. (2017). *Cry* gene profile of native entomopathogenic *Bacillus thuringiensis* from soil. *International Journal of Current Microbiology and Applied Sciences,* 6(7): 2320-2326	**5.38**
26	Khatri K. J., Dhole A. M., Patel A. S. and Shelat H. N. (2017). Production of lactic acid by native *Lactobacillus* sp. From agricultural and dairy wastes. *Bulletin of Environment, Pharmacology and Life Sciences,* 6 (8): 78-83	**4.95**
27	Shelat H.N., Vyas R.V., Jhala Y.K., Acharya R.R. and Parmar D.J. (2017). Efficacy of Bio NP liquid 3neumonia3zers in chilli nursery. *International Journal of Current Microbiology and Applied Sciences,* 6(9): 1292-1297	**5.38**
2016		
28	Gupta, D. G., Pandya H. A., Mistry S. J., Patel A. R., Shelat, H. N. and Vyas R. V. (2016). Isolation of *Azospirillum* and compatibility testing with micronutrients, PGPR activity and efficacy on tomato. *The Bioscan*, (2): 891-896	**4.57**

29	Prajapati R.R., Vyas R. V., Shelat, H. N. and Patel H. K. (2016). Qualitative validation of native diazotrophs through *nif*H gene and whole cell protein profiling. *Journal of Pure & Applied Microbiology*, 10(2): 1655-1661.	**6.0**
30	Panpatte D. G., Shelat H.N., Jhala Y.K. and Dhole A.M. (2016). Inhibition of multiple fungal phytopathogens by bio control bacteria*. National Journal of Life Sciences,* 13:29-31	**4.04**
31	Prajapati R.R., Vyas R. V., Patel H. K., and Shelat (2016). Amplified Ribosomal DNA Restriction Analysis for the Preliminary Characterization of Native Diazotrophs *Azotobacter, Acetobacter* and *Azospirillum*. *Journal of Pure & Applied Microbiology*, 10(3): 2289-2298	**6.0**
32	Dhole A. M., Shelat H.N., Vyas R. V., Jhala Y. K. and Bhange M. (2016). Endophytic occupation of legume root nodules by *nif*H-positive non-rhizobial bacteria, and their efficacy in the groundnut (*Arachis hypogaea*). *Annals of Microbiology,* DOI 10.1007/s13213-016-1227-1.	**6.99**
2015		
33	Panpatte D. G., Shelat H. N., Jhala Y. K., Darji V. B., Noushad Parvez, Leena Pathak and Khatri K. J.. (2015). Isolation and characterization of native *Pseudomonas fluorescens* for biocontrol of *Fusarium* wilt in Greengram. *Green Farming*. 6(1): 127-132	**4.79**
34	Panpatte D. G., Shelat H. N. and Jhala Y. K. (2015). Compatibility of biocontrol bacteria with phyto-extracts. *Journal of Pure and Applied Microbiology*. 9(4): 3083-3087	**6.07**
35	Panpatte D. G., Shelat H. N. and Jhala Y. K. (2015). Compatibility of native biocontrol bacteria with bioagents for eco-friendly agriculture. *National Journal of Life Sciences*.12(2):115-118	**4.04**
36	Jhala Y.K., Vyas R.V., Panpatte D.G. and Shelat H.N. (2015). Rapid methods for isolation and screening of methane degrading bacteria. *Journal Bioremediation & Biodegradation*. 7: 322. Doi:10.4172/2155-6199.1000322	**-**
37	Saiyad S.A., Jhala Y.K. and Vyas R. V. (2015). Comparative efficacy of five potash and phosphate solubilizing bacteria and their key enzymes useful for enhancing and improvement of soil fertility. *International Journal of Scientific and Research Publication,* 5(2): 1-6	**-**
2014		
38	B. K. Dabhi, R. V. Vyas and H. N. Shelat (2014). Use of banana waste for the production of cellulolytic enzymes under solid substrate fermentation using bacterial consortium. *International Journal of Pure and Applied Sciences*, 3(1): 1-9.	**-**

39	Bhatt S. B., Vyas R. V., Mistry S. J. and Shelat H.N. (2014). Characterization of native *Rhizobium* sp. from mungbean (*Vigna radiate* L.) and its PGPR traits. *Research Journal of Agricultural Sciences*, 5(4): 695-699	**3.51**
40	Mistry S.J, Vyas R.V., Bhatt S.B. and Shelat H.N. (2014). Prevention of *Fusarium* wilt of chickpea by *Rhizobium* sp. *Journal of Mycology and Plant Pathology*, 44 (2): 176-180	**4.00**
41	Jhala Y. K., Vyas R. V., Shelat H. N., Patel H. K., Patel H. K., Patel K. T. (2014). Isolation and characterization of methane utilizing bacteria from wetland paddy ecosystem. *World Journal of Microbiology and Biotechnology*, 30:1845–1860	**7.26**
42	Bhatt S.B., Vyas R. V., Mistry S.J. and Shelat H. N. (2014). Mitigation of draught and salinity stress in agricultural crops by plant growth promoting bacteria and VAM. *Research Journal of Agricultural Sciences*. 5(4): 609-615	**3.51**
43	Bhatt S.B., Vyas R.V., Mistry S.J. and Shelat H.N. (2014). Bioproduction of indole acetic acid (IAA) by *Rhizobium* strains isolated from root nodules of green gram (*Vigna 5neumon* L). *Journal of Pure and Applied Microbiology*, 8(4): 3213-3221	**6.05**
44	Jhala Y. K., Shelat H. N., Vyas R. V. and Panpatte D. G. (2014). Endophytic bacteria as biofertilizers for maize (*Zea mays* L.). *The Bioscan,* 9(3): 1191-1196	**4.57**
45	Panpatte D. G., Shelat H. N., Vyas R. V. and Jhala Y. K. (2014). Plant growth promoting rhizobacteria – a promising tool for eco-friendly agriculture. *Journal of Pure and Applied Microbiology*, 8(6): 4947-4959	**6.05**
46	Jhala Y.K., Shelat H.N., Vyas R.V. and Panpatte D.G. (2014). Biodiversity of endorhizospheric plant growth promoting bacteria. *Journal of Biodiversity, Bioprospecting and Development*, 2(1):http://dx.doi.org/10.4172/2376-0214.1000137	**-**
47	Shelat H. N., Achrya P. K., Jhala Y. K. and Vyas R. V. (2014). Liquid formulation of *Azotobacter chroococcum* (ABA-1) for Seed inoculation. *Journal of Pure and Applied Microbiology*, 8(6): 4809-4812.	**6.05**
48	Dabhi B. K., Jhala Y. K., Vyas R. V. and Shelat H. N. (2014). Bacterial and fungal biodegraders consortia for effective decomposition of wheat straw to obtain nutritive organic compost. *Journal of Pure and Applied Microbiology*, 8(6): 4793-4801.	**6.05**
49	Shukla R. M. And Vyas R. V. (2014). Phosphate solubilizing efficiency of mycopesticides. *International Journal of Agriculture, Environment and Biotechnology*. 7(4): 705-710.	**4.10**
50	Panpatte D. G., Shelat H. N., Jhala Y. K., Darji V. B., Parvez N., Kalasare R. S., Sangle P. M., Shitap M. S. and Pandya H. A.	**4.79**

	(2014). Diversity and isolation of native rhizospheric and non-rhizospheric biocontrol strains of fluorescent *Pseudomonas*. *Green Farming*, 5(6):1020-1025.	
2013		
51	Patel H. K., Patel H.K., Jani J. J. and Vyas R.V (2013). Modified method for selective enrichment and isolation of *Bacillus thuringiensis* from soil. *Biocontrol Science and Technology*, 23(4): 470-473.	**6.71**
52	Kushwah P. Vyas R. V. Jhala Y. K. and Patel H. K. (2013). Diversity of plastic degrading microorganisms and their appraisal on biodegradable plastic. *Applied Ecology and Environmental Research*, 11(3): 441-449	**6.59**
53	Bhatt S. B., Vyas R. V., Shelat H. N., Mistry S. J. (2013). Isolation and identification of root nodule bacteria of mung bean for 6neumonia6zers production. *International Journal of Research in Pure & Applied Microbiology,* 3(4): 127-133.	**-**
54	Noushad P., Khatri K. J., Panpatte D. G., Pathak L, Patel A.S., Dhobi C.B. and Vyas R. V. (2013). Inducible accretion of extra cellular chitinolytic enzyme through media optimization confers enhanced biocontrol trait in *Pseudomonas aeruginosa* fp 183. *Journal of Biological Control*, 27 (4): 283-292	**3.96**
2010		
55	Hinge, V.R., Patel B.A. and Vyas R.V. (2010) Differentiation among four *Meloidogyne* spesices from Gujarat by RAPD – PCR. *Indian Journal of Nematology,* 40(2):167-70	**3.1**

Book Chapters: 24

Sr. No.	Chapters Details	Year
01	Raghunandan BL, Patel HK, Sahu PK, Baria PK and Dave A (2023). Microbial Biostimulants: Bioformulations for Enhanced Biofertilizer Efficacy and Sustainable Crop Management, In S. Kaur et al. (eds.), Metabolomics, Proteomes and Gene Editing Approaches in Biofertilizer Industry, Pp: 237-264, https://doi.org/10.1007/978-981-99-3561-1_14	**2023**
02	Patel H.K., Jhala Y.K., Raghunandan B.L. and Solanki J.P. (2022) Role of mycorrhizae in plant-parasitic nematodes management, In Developments in Applied Microbiology and Biotechnology, Trends of Applied Microbiology for Sustainable Economy Soni R et al. (Eds.), Academic Press, Pp: 225-251. https://doi.org/10.1016/B978-0-323-91595-3.00009-4.	**2022**
03	Al-Tawaha A., Günal H., Křeček J., Zamfir R., Patel H.K., Vyas R.V. et al. (2021) Soil Fertility Decline Under Climate Change in Fahad, S. et al. (Eds.). Sustainable Soil and Land Management and Climate Change (1st ed). CRC Press. https://doi.org/10.1201/9781003108894	**2021**
04	Vyas R. V., Shelat H. N. and Jhala Y. K. (2021). Preserving soil health and environment in Pragmatic ways. *In:* Dangayach S.B. and Sharma Anil. (Eds.), Pragmatic ways for *atma nirbhar bharat.* Sahitya Sadhna Trust , Ahmedabad	**2021**
05	Vyas R. V. (2021). The income and livelihood of small and marginal farmers in Gujarat. *In:* Shelat K., Mbuya O., Pathak A. and Acharya S. (Eds.), Atmanirbhar-self reliant and climate smart farmers roadmap for agriculture: 022-2030-India. Bhagwati Graphics, Ahmedabad	**2021**
06	Patel H.K., Vyas R.V., Ramesh A. and Solanki J.P. (2021). *In:* Sharma, S.K., Singh, U.B., Sahu, P.K., Singh, H.V., Sharma, P.K. (Eds.), Rhizosphere Microbes–Driver for Soil Health Management. Rhizosphere Microbes. Springer nature, Singapore.	**2021**
07	Jhala Y. K., Panpatte D. G., Adetunji C.O., Vyas R. V. and Shelat H. N. (2020). Management of Biotic and Abiotic Stress Affecting Agricultural Productivity Using Beneficial Microorganisms Isolated from Higher Altitude Agro-ecosystems: A Remedy for Sustainable Agriculture*. In:* Reeta Goel Ravindra Soni Deep Chandra Suyal (Eds.), Rhizosphere Biology, Microbiological Advancements for Higher Altitude Agro-Ecosystems & Sustainability. Springer Nature, Singapore ISSN 2523-8442: pp113-134	**2020**
08	Gupta M., Panpatte D. G., Jhala Y.K. and Vyas R. V. (2020). Biogas: An Effective and Common Energy Tool – Part II. *In:* Srivastava N., Srivastava M., Mishra P. K., Gupta V. K. (Eds.), Clean	**2020**

	Energy Production Technologies: Biofuel Production Technologies: Critical Analysis for Sustainability. Springer Nature, Singapore.	
09	Panpatte D. G., Jhala Y. K. and Vyas R. V. (2020). Signalling pathway of induced Systemic Resistance. *In:* Vivek Sharma Richa Salwan Laith Khalil Tawfeeq Al-Ani (Eds.), Molecular Aspects of Plant Beneficial Microbes in Agriculture 1st Edition, Elsevier Academic Press	**2020**
10	Panpatte D. G. and Jhala Y. K. (2020). Agricultural Waste: A Suitable Source for Biofuel Production. *In:* Rastegari A.A., Yadav A.N. and Gupta A.(Eds.), Biofuel and Biorefinery Technologies Volume 10: Prospects of Renewable Bioprocessing in Future Energy Systems. Springer Nature, Singapore	**2020**
11	Vyas R.V., Panpatte D.G., Jhala Y.K. and Shelat H.N. (2020). Role of bacterial antagonists in management of plant diseases. *In:* Pandey R. N., Chakraborthy B.N., Singh D. And Sharma P., Microbial antagonists: Their role in biological control of plant diseases. Today and Tomorrow's Printers and Publishers, New Delhi.	**2020**
12	Vyas R. V., Patel P. M., Shelat H. N. and Rajput A.S. (2019) Organic Farming and Bio-Inputs in Strategies for doubling the farmers' income (A Gujarat Perspective). Patel N. C., Mbuya O. S. and Vyas R. V. (Eds.). Satish Serial Publishing House, New Delhi, pp: 55-78	**2019**
13	Shelat H. N., Vyas R. V. and Jhala Y. K. (2017). Bio-fertilizers and PGPR for Evergreen Agriculture. *In:* Verma D.K and Srivastav P. P. (Eds.), Microorganisms in Sustainable Agriculture, Food, and the Environment, Apple Academic press ISBN: 9781771884808.	**2017**
14	Shelat H. N., Vyas R. V. and Jhala Y. K .(2017). Mass Production, Quality Control and Scope of Biofertilizers *In: In:* Verma D.K and Srivastav P. P. (Eds.), Microorganisms in Sustainable Agriculture, Food, and the Environment. Apple Academic press, ISBN: 9781771884808.	**2017**
15	Vyas R. V. , Panpatte D. G , Jhala Y. K. an Shelat H. N. (2017) Wonders of Microbes in agriculture for productivity and sustainability *In:* Panpatte D.G., Jhala Y.K., Vyas R.V. and Shelat H. N. (Eds.), Microoraganisms for Green Revolution Vol. 1 Microbes for sustainable crop production. Springer Nature- Singapore. ISBN 978-981-10-6240-7.	**2017**
16	Panpatte D. G., Shukla Y. M., Shelat H. N., Vyas R. V. and Jhala Y. K. (2017). Bacterial volatile compounds : A new Insight for sustainable agriculture. *In:* Panpatte D.G., Jhala Y.K., Vyas R.V. and Shelat H. N. (Eds.), Microoraganisms for Green Revolution Vol. 1 Microbes for sustainable crop production. Springer Nature-	**2017**

	Singapore. ISBN 978-981-10-7145-4.	
17	Panpatte D. G., Jhala Y. K., Shelat H. N. and Vyas R. V. (2016). Nanoparticles – The next generation technology for sustainable agriculture. *In:* Singh D.P. *et al*. (Eds.), *Microbial Inoculants in Sustainable Agricultural Productivity*, Springer Nature, Singapore, DOI 10.1007/978-81-322-2644-4_18., pp- 289-300.	**2016**
18	Panpatte D. G., Jhala Y. K., Shelat H. N. and Vyas R. V. (2016) *Pseudomonas fluorescence*: A promising biocontrol and PGPR for sustainable agriculture. *In:* Singh D.P. *et al*. (Eds.), *Microbial Inoculants in Sustainable Agricultural Productivity*, Springer Nature, Singapore, DOI 10.1007/978-81-322-2644-4_18. Pp-257-270	**2016**
19	Sabalpara, A. N., Vyas R. V. and Shelat H. N. (2015). Organic farming policy in India. *In:* Varshneya M. C. and Javalekar A. (Eds.), India's Perspective Policy on Agriculture. Uttan Krushi Sanshodhan Sansthan. Pp. 168-181.	**2016**
20	Vyas, R.V., Shelat, H. N., Jhala, Y.K., Gupta, D. G. and Patel, H. K. (2014). Endophytic plant growth promoting bacteria and its role as 9neumonia9zers cum biopesticide for sustainable agriculture. *In:* Nehra S. (Eds.), Biofertilizers for Sustainable Agriculture. Aviskar Publications. Pp 99-136.	**2014**
21	Vyas R. V., Singh B., Shelat H. N. and Shekh A. M. (2014). Promoting Agri-Business by Technology Transfer and Public-Private Partnerships for Second Green Revolution- Anand Agricultural University's approach. *In:* Maredia K., Mysore S., Kumar R. and Ransom C. (Eds.), Technology transfer and commercialization, experiences of India and USA, Michigan State University Press, USA. Pp: 36-49.	**2014**
22	Vyas R. V., Jhala Y. K., Shukla R. M., Shelat H. N. and Patel D. J. (2011). PGPR Fungus and thriving bioagent *Paecilomyces lilacinus*, a functional mediator for management of *Meloidogyne* spp. In India *In:* Trivedi P. C. (Eds.), Bioagents in plant disease management. Pointer publishers, pp. 181-196.	**2011**
23	Vyas R.V. and Patel D. J. (2010). Biological Control of Root-Knot Nematodes in India *In* : Gupta H.C.L., Siddiqui A.U. and Pariha A. (Eds.), Bio Pest Management (Entomopathogenic Nematodes, Microbes & Bioagents), Agrotech Publishing Academy, Udaipur-313001, pp 79 – 96	**2010**
24	Vyas R.V. (2010). Mass production technology for entomopathogenic nematodes (EPNs) – A new tool for management of insect pest of crops. *In*: Gupta H.C.L., Siddiqui A.U. and Pariha A. (Eds.). Bio Pest Management (Entomopathogenic Nematodes, Microbes & Bioagents), Agrotech Publishing Academy, Udaipur 313001, pp 215-234.	**2010**

Books: 7

Sr. No.	Books Details	Year
01	Adetunji C. O., Panpatte D. G. and Jhala Y. K (2023). Agricultural Biotechnology: Food security hotspot. CRC Press, Taylor and Francis group. ISBN: 9781032214467	**2023**
02	Panpatte D.G., Jhala Y.K., Vyas R.V. and Shelat H.N. (Eds.) (2021). MCQs in Agricultural Microbiology. Scientific Publishers. ISBN: 9789389184556	**2021**
03	Patel N. C., Mbuya O. S. and Vyas R. V. (Eds.) (2019). Strategies for doubling the farmers' income (A Gujarat Perspective). Satish Serial Publishing House, Delhi. ISBN: 978-81-94252-56-6.	**2019**
04	Panpatte D. G., Jhala Y. K., Shelat H. N. and Vyas R. V. (Eds.) (2018). Microoraganisms for Green Revolution Vol. 2 Microbes for sustainable crop production. Springer Nature. ISBN 978-981-10-7145-4	**2018**
05	Panpatte D. G., Jhala Y. K., Vyas R. V. and Shelat H. N. (Eds.) (2017). Microoraganisms for Green Revolution Vol. 1 Microbes for sustainable crop production. Springer Nature – Singapore. ISBN 978-981-10-6240-7.	**2017**
06	Dhole A.M. and Shelat H. N. (Eds.) (2017). Isolation and characterization of non-rhizobial endophytic bacteria. Lambert Academic Publishing.	**2017**
07	Vora M.S., Shelat H.N. and Vyas R.V. (Eds.). Handbook of Biofertilizers and Microbial pesticides. Satish Serial Publication.	**2006**

Success Story/Accomplishment: 2

Sr. No.	Books Details	Year
01	Vyas R.V., Shelat H.N., and Jhala Y.K. (Eds.) (2021). **Success Story: Anubhav Liquid Biofertilizers and their consortium (PGPB) Key inputs for organic farming**. Publication series EDU-1: 49: 2021:1000.	**2021**
02	Vyas, R.V., Shelat, H.N., Jhala, Y.K., Patel H.K. and Pandya, H.A. (2016). '***Accomplishments on Agriculturally Beneficial Micro-organisms for Sustainable Agriculture'***.	**2016**


About the Authors
Handbook of
BIOFERTILIZERS
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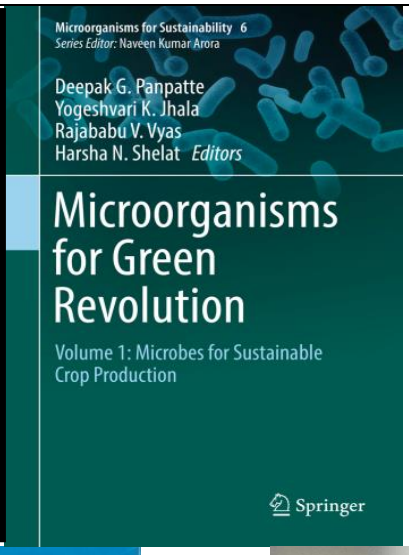
Microorganisms for Sustainability 6
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Harsha N. Shelat Editors
Microorganisms for Green Revolution
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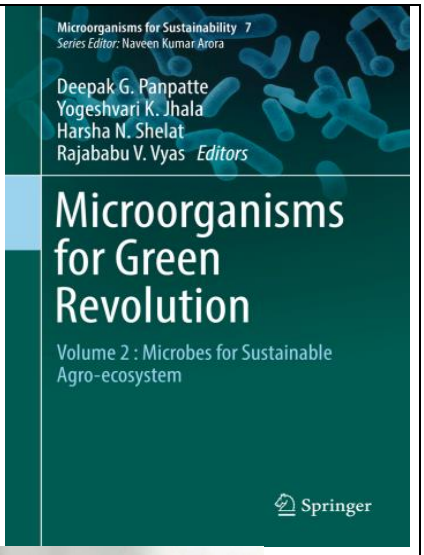
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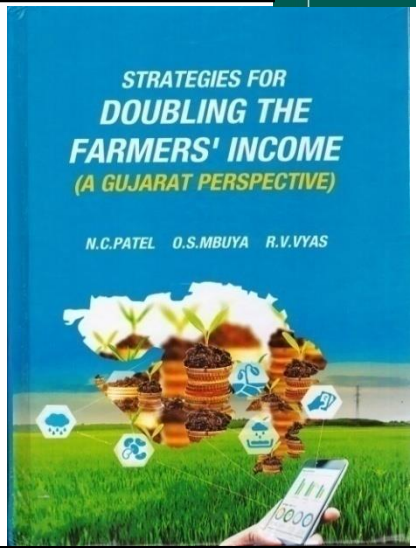
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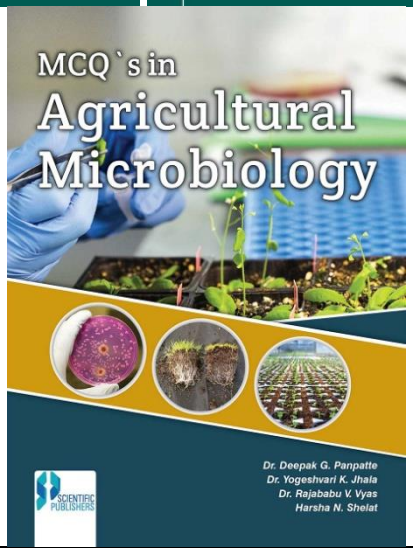
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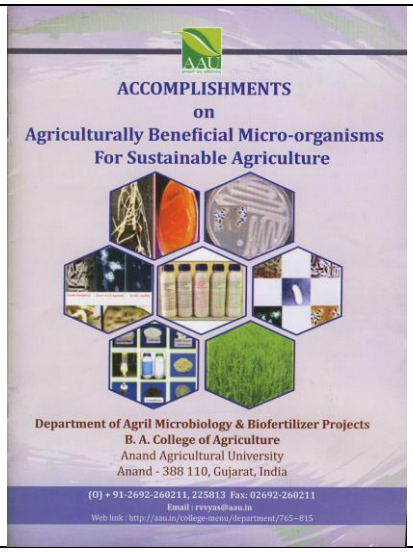
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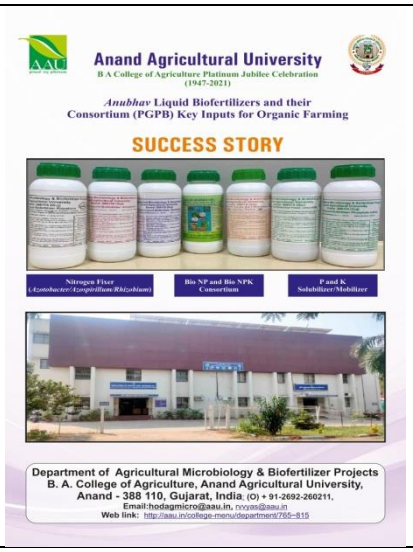
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