

RESUME

Shweta Bhagvanrao Solanke

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❖ **Objective:** Looking to pursue a growth oriented and challenging position where, my knowledge is best utilized a position and talent, sense of responsibility, commensurate with achievements.

❖ **Strength:**

- Good communication and interpersonal skill
- Confident and hardworking
- Good team work
- Sincere towards given assignment and ability to achieve best

A) EDUCATIONAL BACKGROUND

Degree/ Examination	Year of Passing	Board / University	Subject / Specialization	Percentage or CGPA	Class
Ph.D. (Agril.Engg.)	2022	Dr. Panjabrao Deshmukh Krishi Vidyapeeth Akola	Process and Food Engineering	87.8	1st with Distinction
M.Tech (Agril.Engg.)	2017	Vasantrya Naik Marathwada Krishi Vidyapeeth Parbhani	Process and Food Engineering	83.8	1st
B.Tech (Agril.Engg.)	2015	Vasantrya Naik Marathwada Krishi Vidyapeeth Parbhani	Agricultural Engineering	80.50	1st
HSC	2011	Latur	Science	78.83	1st with Distinction
SSC	2009	Latur	-	88.46	1st with Distinction

B) TRAINING

- ✓ One month training in Central Farm Machinery Training and Testing Institute, Budani, Madhya Pradesh (2013).
- ✓ One month training in National Dairy Research Institute in Bangalore (2014).
- ✓ In plant Training in Aurangabad District Co-operative Milk Producers Union Ltd. Aurangabad (Jan-April, 2015)
- ✓ In plant Training in Venos, Borgaon Manju, Akola (2018)
- ✓ Training on Innovation in food processing technologies in NIT Raurkela, Orissa (2018)
- ✓ Training on Digital Image Processing and Computer Vision for crop health Monitoring organized by IIT Kharagpur, from 6/06/2022 to 18/06/2022.

C) ACADEMIC RESEARCH PROJECTS

- ✓ “Evaluation of engineering properties of Sweet corn kernels during storage”. B.Tech (Agril.Engg.) thesis submitted to V.N.M.KV., Parbhani.
- ✓ “Process Standardization of Ready-To-Eat Pearl Millet Snack Food (*Kharodi*)”. M.Tech (PFE) thesis submitted to V.N.M.KV., Parbhani.
- ✓ “Studies on Storage system of Custard Apple Pulp”. Ph.D. (PFE) thesis submitted to Dr. P. D. K. V. Akola.

D) WORK EXPERIENCE

Sr. No.	Name and Address of Institute	Post Held	Period (Year-Month-Days)
1	National Agricultural Higher Education Project, CAAST-DFSDA VNMKV Parbhani	Junior Research Fellow 31000/-	20/12/2021 to 9/07/2022 (Six months Nineteen days)
2	National Agricultural Higher Education Project, CAAST-DFSDA VNMKV Parbhani	Senior Research Fellow 31000/- +10% HRA	13/07/2022 to till date

E) EXTENSION ACTIVITIES

- ✓ Contributed as registration committee member in International Workshop organized by NAHEP CAAST DFSRDA VNMKV PARBHANI
- ✓ Participated in shetkari melawa at VNMKV Parbhani
- ✓ Participated in Industry meet on coping agricultural students as entrepreneur, December 14, 2018
- ✓ Participated in International conference on emerging issues in agricultural and environmental applied sciences for sustainable development, 27-29 November, 2018
- ✓ Participated in international conference on entrepreneurship in agriculture and renewable energy sector, March 15-16, 2019
- ✓ Participated in online quiz organized by agrivision4U on the occasion of world food safety day on theme “food safety, everyone’s business” dated on 7 June, 2020
- ✓ Participated in online webinar on “Innovation in food packaging” organized by dept. of process and food engineering, K K Wagh college of Agril.Engg. and technology Nashik on 28/07/2020.
- ✓ Participated in National webinar on “Setting a new normal in food processing sector in post covid-19- opportunities and mitigations”, organized by college of Agricultural Engineering and Technology, Udaipur 10/6/2020.
- ✓ Participated in National webinar on “Challenges in sustainable agriculture” organized by Department of B.Voc. (Sustainable Agriculture) & Internal Quality Assurance Cell of D. P. Bhosale College, Koregaon, Satara (MS), India in Collaboration with Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli on 14th July 2020. Certificate ID: NWCSA0086.
- ✓ Participated in one day national webinar on “Technologies for processing safe foods, entrepreneurial prospects and ministry support: sufficing the demand of the food industry” organized by dept of food technology Rajiv Gandhi university, Arunachalpradesh in collaboration with NIFTEM, Haryana 19 July, 2021.
- ✓ Participated in the National Webinar on "Research Methodology and Paper Writing" held on 12th July 2021 organized by Rajasthan College of Agriculture, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan.
- ✓ Online one week online training on fundamentals of robotics for precision agriculture organized by

CAAST-CSAWM, MPKV Rahuri, 26-31 may,2020.

- ✓ One week Online Interdisciplinary “Short term course on Basics of organic farming” organized by Department of Botany and IQAC, Athalye-Sapre-Pitre College (Autonomous), Devrukh, Dist: Ratnagiri, Maharashtra 31/05/2020 to 6/06/2020

F) AWARD'S AND FELLOWSHIP'S

1. Awarded university gold medal for securing highest CGPA at the Master of technology (Agricultural Engineering) during 2016-2017.
2. Awarded consolation prize in PG and Ph.D. category National level Essay competition organized by department of APE and AICRP on PHET, Dr. PDKV Akola, 16/10/2018
3. Best paper awarded in first International national conference on entrepreneurship in agriculture and renewable energy sector March 15-16, 2019
4. Awarded SARTHI fellowship during Ph.D. Programme, 2019.

G) RESEARCH PUBLICATIONS

Sr. No.	Title of the publication	Journal	Date/ Volume
1	Sensory Evaluation of Ready to Eat Snack Food (<i>Kharodi</i>) Using Fuzzy Logic S.B. Solanke , R.V. Jaybhaye and S.B. Jadhav	International journal of current microbiology and applied sciences	2018/7(4)
2	Development of osmo-convective drying of sweet orange slices by using different osmotic agents Shweta Solanke , Shilpa Deshmukh and BN Patil	International journal of chemical studies	2018/6(5)
3	Optimization of process parameters of ready-to-eat pearl millet snack food (<i>Kharodi</i>) SB Solanke , RV Jayebhaye, SD Deshmukh and PA Wayal	International journal of chemical studies	2019/ 7(1)
4	Entrepreneurship development in rural sector through traditional ready-to-eat food (<i>kharodi</i>) Solanke S.B. , Jaybhaye R.V., Giram R.J.	Multilogic in sciences	2019 vol. VIII, special issue(b)
5	Technological, Nutritional approach, Processing and Storage of Custard Apple (<i>Anonna squamosa</i>) – Review S. B. Solanke* , P. H. Bakane and A. B. Gawande	International journal of current microbiology and applied sciences	2019/8(6)
6	Changes in quality of frozen custard apple pulp kept under ambient condition Shweta B Solanke , P. H. Bakane, S. D. Jadhav	The pharma Innovation Journal	2021/10(8)
7	Sensory Evaluation of Ready to Eat Snack Food Using Fuzzy Logic S.D. Deshmukh ^{1*} , I.L. Pardeshi ¹ , S.B. Solanke¹ and K.J. Shinde ²	International journal of current microbiology and applied sciences	2018/7(10)
8	Study of mechanical properties of marking nut (<i>Semecarpus anacardium</i> L.) BN Patil, SV Gupta, SB Solanke and AS Mulani	International journal of chemical studies	2018/ 6(5)
9	Study on physical properties of different grades of jamun fruit (<i>syzygium cumini</i> l.) Gawande A.B. *, Bakane P.H. and Solanke S.B.	International journal of agricultural sciences	2020/12(4)
10	Sensory Evaluation of Nagpur Mandarin Powder Cookies using Fuzzy Logic B. N. Patil*, S. V. Gupta, S. B. Solanke and S. D. Deshmukh	International journal of current microbiology and applied sciences	2020 /9(8)
11	A review on Syzygium cumini- A valuable fruit A. B. Gawande, P. H. Bakane, S.D. Deshmukh, S. B. Solanke	Journal of Ready to eat food	2018/5(4)

12	Storage study on quality and shelf life of Jamun pulp Ashwini B. Gawande ¹ , Pramod H. Bakane ² , Shweta B. Solanke , Sonali C. Khanbarad	Multilogic in sciences	2021/10
13	Mathematical Modeling of Foamed Nagpur Mandarin Juice in Microwave Drying Bhagyashree N. Patil*, Suchita V. Gupta, P. A. Borkar and S. B. Solanke	International journal of current microbiology and applied sciences	2020/9(10)

Abstracts

1	Entrepreneurship Development in Rural Sector through Traditional Ready-To-Eat Food (Kharodi)	International conference abstract proceeding, Entrepreneurship in Agriculture and Renewable Energy Sector	March 15-16, 2019
2	Study of physical, chemical and textural quality parameters of pasta: A review paper	National e-conference by NAHEP, Dr. PDKV Akola	January 28-29, 2021

English Articles

1	Scope for agro processing of neglected millets	Agribios article	01/04/2019, Article No. 17814
2	Nanotechnology in food processing	Agribios article	01/06/2019, Article No. 18335
3	Robotics in Dairy and Food processing sector	Agricos-e-news letter	2022
4	Image processing in food processing and agriculture	Agricos-e-news letter	2022
5	Food waste reduction for food and agricultural waste	Just Agriculture	2022
6	IOT for precision agriculture: A Review	Just Agriculture	2022

Marathi Articles

1	सॅन्ड्रिय शेती काळाची गरज	साप्ताहिक कृषिकोन्नती	5/02/2019
2	शेवगा वनस्पतीचे व्यवस्थापन व महत्व	साप्ताहिक कृषिकोन्नती	31/12/2019
3	फळ प्रक्रिया करताना घ्यावयाची काळजी	साप्ताहिक कृषिकोन्नती	23/10/2018
4	पिकात अच्छाधन करणे ठरते फायदयाचे	साप्ताहिक कृषिकोन्नती	21/08/2018
5	जमिनीची सुपीकता टिकवणे काळाची गरज	साप्ताहिक कृषिकोन्नती	21/05/2019

H) ASSOCIATION WITH PROFESSIONAL BODIES

- ✓ Life membership of society for advancement of human and nature (SADHNA) - Certificate NO.LM3288.

I) WORKSHOP / SYMPOSIA / SEMINARS/ CONFERENCES ATTENDED

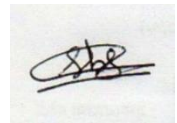
1. Participated in International conference on emerging issues in agricultural and environmental applied sciences for sustainable development, 27-29 November, 2018.
2. Participated in International conference on entrepreneurship in agriculture and renewable energy sector, NAHEP, Dr. PDKV Akola, March 15-16, 2019.
3. Participated in International Workshop on Advanced Digital Technology in Agricultural Automation, NAHEP CAAST DFSRDA VNMKV Parbhani, 15-17 March, 2022.
4. Attended National Virtual Symposium on “Doubling Farmers income by revitalizing Agri business ecosystem” organized by RAFTAAR, Agribusiness Incubator, Kerala Agricultural University, March 01-02, 2022
5. Participated in online International Workshop on “Emerging trends and new opportunities in High Pressure Processing” organized by RAFTAAR, Agribusiness Incubator, Kerala Agricultural University, Feb 21-22, 2022

J) EXTRA CURRICULAR ACTIVITIES

- ✓ Volunteer participation in NSS camp held at VNMKV Parbhani in year 2012.

I solemnly declare that the above statements made by me are correct to the best of my knowledge and belief. I am and will be responsible for any discrepancy.

Place: Parbhani
Date: 06/08/2022



(Solanke S. B.)

