

Teachers Profile

1. Personal Information

- Name : Yogita Vasantrao Chavan
- Designation : Assistant Professor (Food Technology)
- Birthday : December 22, 1984
- Nationality : Indian
- Contact Number : 9096325635/ 9260516367
- Email Id : yogitachavan22@gmail.com

2. Educational qualification

Examination	Discipline/ Specialization	Board/ University	Year Passing	of %
Ph. D	Food Engineering & Technology	I.C.T. Mumbai	Thesis submitted May, 2014)	(15 -
M. Tech.	Food Engineering & Technology	P.T.U. Jalandhar	2000	68
B. Tech.	Food science Technology	M.A.U. Parbhani	2006	72

3. Research specialty

Extraction, Separation, Purification and Identification active phytochemicals.

4. Research Publication (Total 05)

• National (01)

1. P.S. Panesar, **Y.V. Chavan**, M.B. Bera, O. Chand and H. Kumar (2009). Evaluation of *Acetobacter* Strain for the Production of Microbial Cellulose. *Asian journal of chemistry*, 10, S099-102.

• International (04)

1. **Yogita Chavan** and Rekha Singhal (2013). Ultrasound assisted extraction (UAE) of bioactive from areca nut (*Areca catechu* L.) and optimization study using response surface methodology. *Innovative Food Science and Emerging Technology*, 17, 106-113.
2. **Yogita Chavan** and Rekha Singhal (2013). Separation of polyphenols and arecoline from areca nut (*Areca catechu* L.) by solvent extraction, its antioxidant activity identification of polyphenols. *Journal of the science of food and agriculture*, 93, 2580-2589.

3. Parmjit S. Panesar, **Yogita Chavan**, Harish K. Chopra and John F. Kennedy (2012). Production of microbial cellulose: Response surface methodology approach. *Carbohydrate polymer*, 87, 930– 934.
4. Harinder Singh Oberoi, **Yogita Chavan**, Sunil Bansal and Gurpreet Singh Dhillon (2010). Production of cellulases through solid state fermentation using kinnow waste as a major substrate. *Food Bioprocess Technology*, 3, 528-536.

5. Conferences Attended

• Paper presented at National level

1. **Yogita Chavan** and Rekha singhal (2013). Protective effect of arecanut phenolic extract (APE) on ascorbic acid and antioxidant in Indian Goosbery (*amla*) juice- a kinetic study. Presented a poster in 8th Nutra summit 2013, Mumbai, India.
2. **Yogita Chavan** and Rekha Singhal (2012). Separation of bioactives constituent from arecanut seeds (*Areca catechu* L.) by solvent extraction: an optimization study”. Presented a poster in “**ICFOST-2012**” at Pune.
3. **Yogita Chavan** (2011). Participated and presented a poster on ‘Extraction of arecanut bioconstituents in national Technology Day and International Year of chemistry celebration and attended seminar on ‘Challenges and Opportunities for education and research for development of sustainable chemical and allied Industries held at ICT, Mumbai during May 11-12, 2011.
4. Nilesh Kurmudle, **Yogita Chavan**, Joyce Jemima and Rekha Singhal (2009). Enzymatic pre-treatment of turmeric powder for enhanced yield of oleoresin. Presented a poster in “**ICFOST 2009**” held at Bangalore.
5. **Yogita Chavan** and P.N. Satwadhar (2007). Formulation of protein enriched papad by using whole soy flour, defatted soy flour and Bengal gram. Presented a poster in national conference on food and nutrition security (**FNS-2007**) at SLIET, Longowal.
6. **Yogita Chavan** (2007). Application of Engineering principles and Mathematical Modeling in Food Processing. Participation in **National seminar** held at CIPHET, Ludhiana on August 7, 2007.
7. **Yogita Chavan**, Gurpreet Singh Dhillon, Sunil Bansal and Harindar Oberoi (2007). Effect of incorporation of peapods on Glucoamylase production using *Aspergillus niger* NCIM 1054. Participated and presented a poster in “**ICFOST-2007**” at IIT, Kharagpur.

• Paper presented at International level

1. **Yogita Chavan** and Rekha Singhal (2012). ‘Antioxidant and antimicrobial activity of arecanut extract and its inhibitory mechanism’. Participation and presented poster in “**IFCON-2013**” at CFTRI, Mysore.

6. Workshop/ Symposia/ Orientation programme

1. Workshop attended on 'Outcome based modular syllabus' at Shivaji university Kolhapur on August 6, 2014.
2. Workshop attended on 'cyber security' organized by IIT Bombay from July 10 - 20, 2014 at Shivaji University, Kolhapur.

7. Professional Experience

- Six months project at **CIPHET**, Ludhiana on Optimization of Cellulases and Ethanol production parameters using kinnow waste from 1st July 2007 to 17th December 2007.
- Seven months project at **Bhaba Atomic Research Centre (BARC, Mumbai)**, on 'Effect of Gamma Irradiation on extraction of bioactive constituents, purification and characterization of polyphenols from Betel nut' (Dec 1st 2012- June 30th, 2013) a part of Ph.D work.

8. Academic Achievements

1. Awarded **UGC-SAP** fellowship during pursuing Ph.D degree from 2008-2013.
2. Awarded **1st prize** in ICFOST 2009 for poster presentation held at Bangalore.
3. Awarded **Merit Certificate** for academic excellence and obtaining Fifth position in M. Tech (Food Engineering & Technology) in the year 2008 at university level (by PTU).
4. Received **Silver Medal** in volley ball at national level tournaments (ICAR 2006) held at Udaipur, Rajasthan.

9. Extra-Curricular activities

1. Awarded achievement certificate for securing 1st position in volley ball-Yuvam-2012, ICT, Matunga, Mumbai.
2. Participated in Recipe Competition- Development of High Fibre Food, World Food Day, 15th October 2011 at FETD dept. ICT, Matunga, Mumbai.
3. Participated in 7th all India Inter Agricultural University Sports & games Meet, 2005-2006 organized by Maharana Pratap University of Agriculture & Technology, Udaipur.
4. Active participation in **NSS** camp at Asola village, Dist. Parbhani from March 12 -21, 2005 during B.Tech.
5. Participated in the VIII Maharashtra State Inter University Sports Meet "**ASHWAMEDH 2003 and 2004**" in Volley ball event.
6. Passed DOEACC computer course, proficiency in MS Office and Internet accessing.
7. Passed CCCA computer course, proficiency in MSDOS, MS-OFFICE, Introduction to TALLY, Database management system (FOXPRO-2.6) and Financial accounting, inventory control.

8. Awarded drawing certificate for passed **Elementary grade drawing examination** held in the year 1996 by government of Maharashtra.
9. Awarded drawing certificate for passed **Intermediate grade drawing examination** held in the year 1999 by government of Maharashtra.