

**S.V.B Pharmacy Faculty**



**Dr. ( Mrs.) SANDHYA PARAMESWARAN**

<b>Designation</b>	Professor
<b>Qualification</b>	M. Pharm; Ph. D
<b>Ph. D. Academic Year</b>	2003
<b>Institution</b>	C. U. Shah College of Pharmacy
<b>M. Pharm Academic Year</b>	1999
<b>Institution</b>	C. U. Shah College of Pharmacy
<b>B. Pharm Academic year</b>	1997
<b>Institution</b>	C. U. Shah College of Pharmacy
<b>Specialization</b>	M.Pharm (Quality Assurance) PhD. Pharmaceutical Sciences
<b>Awards</b>	<ol style="list-style-type: none"><li>1. Was awarded the first prize for the best oral paper in the Prize paper session of Update Ayurveda –2002 for the paper titled ‘Isolation of a bioactive terpenoid from the fruits of Helicteresisora Linn’.</li><li>2. Received the Prof. M.L. Khurana best paper award in the field of Pharmacognosy and Phytochemistry for year 2004 for the paper titled “Interaction of Embelin and Iron in Ayurvedic Formulations”</li></ol>

	<ol style="list-style-type: none"> <li>3. Received the best poster award for the paper titled Studies on the latex of the indigenous medicinal plant <i>Jatropha curcas</i> at the International Symposium on Current Status and Opportunities in Aromatic and Medicinal Plants, Lucknow, 21st-24th February 2010.</li> <li>4. Received the best poster award for the paper titled “Study of alkaloidal extract of <i>Jatropha curcas</i> Linn against oral pathogens” at International Conference and Expo on Challenging and Emerging Dimensions in Medicinal/Herbal Plants &amp; Their Products: A Global Prospective from 26-28 November, 2010 at Chennai, India.</li> <li>5. Was the recipient of the best teacher’s award from the NES/SVB group of institution on their 48th Foundation day – 12th April 2011</li> </ol>
<b>Experience</b>	16 years of teaching experience. 4 years of research experience Guided 24 M.Pharm Students
<b>Achievements</b>	<ol style="list-style-type: none"> <li>1. Received a grant of Rs.50000 from the University of Mumbai for the project titled Validated Reverse Phase HPLC Method For Simultaneous Determination And Quantification Of Antiepileptic Drugs</li> <li>2. Recognised as a Research guide for Ph.D in Pharmacognosy by University of Mumbai in academic year 2016-17</li> <li>3. Delivered a lecture on “Molecular markers in Standardisation of Herbal drugs” at a one day seminar on Recent Technological Advances in Standardisation of Phytopharmaceuticals and Ayurvedic Medicine at VIVA college of Pharmacy on 4<sup>th</sup> February 2017</li> <li>4. Was in receipt of Senior Research Fellowship awarded by All India Council of Technical Education (AICTE) for three years (2000-2003)</li> <li>5. Received minor research grant of Rs. 30000 from University of Mumbai Project Title –Phytopharmacology and formulation development of <i>Plumbago zeylanica</i> Linn (academic year: 2015-16)</li> <li>6. Received a grant of 14,000 from the University of Mumbai for the project titled “ Isolation and Pharmacological studies on the alkaloids of <i>Jatropha curcas</i> Linn.</li> <li>7. Received a grant of Rs. 15,000 from the University of Mumbai for the project titled “Evaluation of Plant drugs for their Antiobesity activity” in the year 2009-10.</li> <li>8. Received a grant of Rs. 40,000 from the University of Mumbai for the project titled “Phytochemical and Pharmacological investigation on the stems and leaves of <i>Jatropha curcas</i> Linn” in the year 2007-08.</li> <li>9. Received a grant of Rs. 20,000 from the University of Mumbai for the project titled Studies on some herbal drugs for their antiepileptic activity in the year 2005-06.</li> </ol>

<p><b>M.Pharm Projects Guided</b></p>	<ol style="list-style-type: none"> <li>1. July 2017- PoojaKole – Simultaneous analytical method Development and Validation of Antiepileptic Drugs</li> <li>2. July 2017 – PrajaktaDhuri – Formulation Development and Evaluation of Intraoral Delivery system for Phytopharmaceuticals</li> <li>3. July 2016- PriyankaNayak- Analytical Method Development and Validation of Polyherbal formulation</li> <li>4. July 2016 – SnehalathaJadha -<i>Ethosomal delivery system of phytopharmaceuticals</i></li> <li>5. July 2016 – PalkarSayli -Stability Indicating Assay Method Development of Phytopharmaceuticals”</li> <li>6. Feb 2014, DhanalNeha - Formulation Development and analytical studies on phytochemicals with antiacne activity</li> <li>7. March 2014, SawantPradnya- Standardisation of Phytochemicals</li> <li>8. June 2013 , KoreDiptiPhytopharmaceutical studies on indigenous plants with antioxidant activity</li> <li>10. March 2013, Naidu Trupti - Phytopharmacological studies on Capsicum anuum</li> <li>11. March 2013, Bhosle- Shruti Studies on polyherbal formulation</li> <li>12. December 2012 ,Mane Asmita- Phytochemical studies on alkaloids of Jatropha curcas Linn</li> <li>13. July 2012, KolteRenuParag - Studies on Curcuma longa, stabilization of curcumin with metal ions and its pharmacological properties</li> <li>14. March 2012, ShalakaVaibhavKoshti - Chromatographic analysis on PolyherbalAyurvedic Formulation</li> <li>15. March 2012, KumkuleOmkar - Studies on Garcinia indica</li> <li>16. January 2012, Vishal Mhatre - Organogenesis and secondary metabolite production from medicinal plants</li> <li>17. March 2012, PingaleSujeet - Study of antiobesity drugs</li> <li>18. December 2010, Snehal Rode - Standardisation of a herbal preparation using modern analytical techniques</li> <li>19. December 2010, ChaudhariChetan - Studies on alkaloids of Jatropha curcas Linn</li> <li>20. December 2010, Dagade Bharat - Studies on artificial sweeteners from plant source</li> <li>21. November 2010, NileshGaikar - Investigations on plant mucilages as pharmaceutical aid</li> <li>22. August 2010, Singh Nadkar Narayan-Preparation and Standardisation of Herbal Patches for Dental Use</li> <li>23. February 2010, More Pallavi - Phytochemical studies on the leaves and latex of Jatropha curcas Linn</li> <li>24. February 2010, PriyankaChaudhari - Formulation and Evaluation of Herbal gels with anti-dandruff properties</li> <li>25. January 2010, BhujbalPallavi - Standardisation of an Ayurvedic formulation</li> </ol>
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	<p>Vidangarishta</p> <ol style="list-style-type: none"> <li>26. December 2009, NileshYeole - Study of plant based mucilages as a pharmaceutical excepiant</li> <li>27. December 2008, MandarNandan - Standardisation of an Ayurvedic Formulation Sanjivanivati</li> <li>28. November 2008, Vishal Jadhav -Phytochemicals and Pharmaceutical Applications of Mimosa pudica Linn</li> <li>29. Novemer 2008, Kale Mandar - Phytochemicals and Pharmaceutical Applications of Jatropha curcas Linn</li> <li>30. October 2008 ShalakaKadam - Plant tissue culture of some indigenous medicinal plants</li> </ol>
<p><b>Seminars / Workshops ATTENDED</b></p>	<ol style="list-style-type: none"> <li>1. National Convention on Current Trends in Herbal Drugs and Annual Conference of Indian Society of Pharmacognosy organised by K.B. Institute of Pharmaceutical Education and Research. Gujrat Jan-17-18,2003</li> <li>2. Update Ayurveda -2002, Organised by T.N.M.C. &amp; B.Y.L. Nair Ch. Hospital Mumbai.29th Nov –1st Dec 2002</li> <li>3. World Ayurved Conference 2002, Organised by Swadeshi Science Movement, Kochi, Kerla 1-4th Nov 2002.”</li> <li>4. International Ayurveda Conference, Chennai Jan- 2000</li> <li>5. International Symposium on Current Status and Opportunities in Aromatic and Medicinal Plants, Lucknow, 21st-24th February 2010</li> <li>6. International Conference and Expo on Challenging and Emerging Dimensions in Medicinal/Herbal Plants &amp; Their Products: A Global Prospective 26-28 November, 2010 at Chennai, India.</li> <li>7. Two days seminars on “NMR and Correlation spectroscopy” held on 4th and 5th Feb. 2011, organized by SaraswathiVidhyaBhavan’s college of pharmacy, Dombivli.</li> <li>8. CSIR Sponsored National Seminar on “Targeted Therapies in Cancer – Recent Advances” organized by SaraswathiVidyaBhavan’s College Of Pharmacy, Dombivli. (Jan 2013)</li> <li>9. CSIR Sponsored Two days National workshop on “Research Methodology: an approach towards systemic research” organized by SaraswathiVidyaBhavan’s College Of Pharmacy, Dombivli. (Jan 2014)</li> <li>10. 2<sup>nd</sup> International Congress of Society for Ethnopharmacology, Nagpur, Feb</li> </ol>

	<p>20-22, 2015.</p> <ol style="list-style-type: none"> <li>11. Attended one day seminar on ‘New Vistas in Medicinal Chemistry’ held on 27th February 2015 at S.V.Bs College of Pharmacy, Dombivli.</li> <li>12. Attended one day seminar on “Formulation, Development and Overview” organized by Saraswathi Vidya Bhavan’s College Of Pharmacy, Dombivli on 21<sup>st</sup> August 2015.</li> <li>13. Attended orientation meet for F.Y. B. Pharm Pharmacognosy CBCS syllabus on December 5<sup>th</sup> 2016 at SVB college of Pharmacy</li> <li>14. Attended a session on “Know the Knack of Writing Research Grants” held at VES College of Pharmacy on 13<sup>th</sup> September 2017</li> <li>15. Is a member of the syllabus committee for the subject Pharmacognosy and electives related to Natural Products . Conducted a syllabus committee meeting at SVB college of Pharmacy for the preparation of Third and Final Year B.Pharm syllabus as per CBCS on 24<sup>th</sup> Nov 2017</li> <li>16. Attended and presented paper at XXII international congress Phytopharm 2018 on 25-27<sup>th</sup> June 2018 at Horden Switzerland</li> <li>17. Conducted and attended the syllabus committee for Nutraceuticals at MET college of Pharmacy on July 19<sup>th</sup> 2018</li> </ol>
<p><b>PAPERS PRESENTED</b></p>	<ol style="list-style-type: none"> <li>1. <b>Comparison of Supercritical Fluid Extraction and Solvent Extraction on fruits of H. isora Linn”</b> Sandhya P, Grampurohit N.D. National Convention on Current Trends in Herbal Drugs and Annual Conference of Indian Society of Pharmacognosy organised by K.B. Institute of Pharmaceutical Education and Research. Gujrat Jan-17-18, 2003</li> <li>2. <b>Isolation and Characterization of a Bioactive Terpene from the fruits of H. isora Linn.</b> Sandhya P, Grampurohit N.D. Update Ayurveda -2002, Organised by T.N.M.C. &amp; B.Y.L. Nair Ch. Hospital Mumbai. 29th Nov –1st Dec 2002</li> <li>3. <b>Bioactivity Guided Fractionation &amp; Phytochemical Investigation on fruits of Helictersisora Linn.</b> Sandhya P, Grampurohit N.D. World Ayurved Conference 2002, Organised by Swadeshi Science Movement, Kochi, Kerala 1-4th Nov 2002.”</li> <li>4. <b>Stability Studies of Ayurvedic Formulation containing Vidang and Loha Bhasma.</b></li> </ol>

Sandhya P, Grampurohit N.D. International Ayurveda Conference, Chennai Jan- 2000

- 5. Microscopical studies and Standardisation of Tannins in Sanjivanivati**  
Nandan M, Sandhya P. Indian Pharmaceutical Conference- Varanasi December 2007
- 6. Secondary metabolite production and organogenesis from Adhatodavasika**  
Kadam S, Sandhya P International Seminar on Medicinal Plants and Herbal Products. Organised by Department of Botany, Sri Venkateshwar University, Tirupathi and A.P. Medicinal and aromatic plant board 7-9th march 2008
- 7. Standardisation of Vasaka and Glycyrrhiza in Ayurvedic remedies**  
Kadam S, Sandhya P International Conference in new developments in drug discovery from natural products and traditional medicine . Organised by Department of Natural Products, NIPER, Chandigarh 16-20thNov 2008
- 8. Study of anticariogenic properties of roots of *Mimosa pudica* Linn.**  
Jadhav V., Sandhya International Conference in new developments in drug discovery from natural products and traditional medicine . Organised by Department of Natural Products, NIPER, Chandigarh 16-20thNov 2008
- 9. Chromatographic analysis of Vidangarishta**  
Pallavi B., Sandhya International Symposium on Current Status and Opportunities in Aromatic and Medicinal Plants, Lucknow, 21st-24th February 2010
- 10. Screening and Evaluation of traditional medicine for antidandruff activity**  
Priyanka C., Sandhya P International Symposium on Current Status and Opportunities in Aromatic and Medicinal Plants, Lucknow, 21st-24th February 2010
- 11. Studies on the latex of the indigenous medicinal plant *Jatropha curcas***  
Pallavi M., Sandhya P. International Symposium on Current Status and Opportunities in Aromatic and Medicinal Plants, Lucknow, 21st-24th February 2010
- 12. Studies on the mucilage of *Pedaliium murex*.**  
Nilesh Y., Sandhya P International Symposium on Current Status and Opportunities in Aromatic and Medicinal Plants, Lucknow, 21st-24th February 2010
- 13. Herbal sweeteners : A boon for diabetic patients**

D. Bharat, R. Snehal, G. Nilesh and P. Sandhya International Conference and Expo on Challenging and Emerging Dimensions in Medicinal/Herbal Plants & Their Products: A Global Prospective 26-28 November, 2010 at Chennai, India.

14. **Study of alkaloidal extract of *Jatrophacurcas* Linn against oral pathogens**

C. Chetan\*, P. Sandhya, S. Lalit and NileshG. International Conference and Expo on Challenging and Emerging Dimensions in Medicinal/Herbal Plants & Their Products: A Global Prospective 26-28 November, 2010 at Chennai, India

15. **Studies on mucilage of *Aeglemarmelos***

G. Nilesh\*, P. Sandhya, D. Bharat and C. Chetan International Conference and Expo on Challenging and Emerging Dimensions in Medicinal/Herbal Plants & Their Products: A Global Prospective 26-28 November, 2010 at Chennai, India

16. **Chromatographic analysis of EladiGutika an ayurvedicpolyherbal formulation**

R. Snehal, B. Pallavi, D. Bharat and P. Sandhya International Conference and Expo on Challenging and Emerging Dimensions in Medicinal/Herbal Plants & Their Products: A Global Prospective 26-28 November, 2010 at Chennai, India

17. **Antiobesity effects of galls of *Quercusinfectoria***

PingaleSujeet and P. Sandhya International Conference on Current trends in Medicinal Plant research, Pune 10-12 Jan. 2012

18. **Plant tissue culture and secondary metabolite development from *Cinnamomtamala*Nees**

Vishal Mhatre and Sandhya P International Conference on Current trends in Medicinal Plant research, Pune 10-12 Jan. 2012

19. **Utility of *Jatrophacurcas* as wound healing and antiulcer agent.**

Asmita mane and Sandhya P 5th International conference on medicinal plants & herbal products Manipal college of pharmaceutical sciences Manipal university, Manipal 25th – 27th January, 2013

20. **Enhancement of curcumin activity by complexation with ferrous ion .**

GaikarNilesh, KolteRenu and Sandhya P 16th National Convention of Society of Pharmacognosy and International Symposium on Herbal and Traditional Medicine 9th to 11th March, 2012 at Saurashtra University, Rajkot,Gujarat – India

	<p>21. <b>Antiacne activity, standardization and Formulation Development of phytochemicals</b> DhanalNeha and Sandhya P Paper presented in Avishkar 2013-14. Mumbai University January 2014</p> <p>22. <b>Phytopharmaceutical and stability studies of Navayasachurna.</b> Paper presented at 2<sup>nd</sup> International Congress of Society for Ethnopharmacology, Nagpur, Feb 20-22, 2015.</p> <p>23. Two Papers Presented at 20<sup>th</sup> National Convention of Society of Pharmacognosy- Newer Approaches for development and Promotion of Natural Products” at Belagavi, Karnataka in 2017 1. “Evaluation and formulation development of ethosomal gel of <i>Plumbagozeylanica</i> Linn 2. Simultaneous estimation of 6-gingerol and berberine in a polyherbal formulation by HPTLC</p> <p>24. Design, Development, charactrisation and Synergistic activity of liposomes of clove and cinnamon oil in oral health care –paper Presented at XXII international congress Phytopharm 2018 on 25-27<sup>th</sup> June 2018 at Horden Switzerland</p>
<p><b>Papers Published</b></p>	<p>1. Sandhya P, Grampurohit N.D, “Bioactivity Guided Fractionation &amp; Phytochemical Investigation on fruits of <i>Helicteresisora</i> Linn”. Paper published in the Proceedings of the World Ayurved Conference 2002, Organised by Swadeshi Science Movement, Kochi, Kerla in a CD p-221-225</p> <p>2. Sandhya P, Grampurohit N.D, “Interaction of Embelin and Iron in Ayurvedic Formulations” <b>Indian Journal of Pharmaceutical sciences</b>, 2004 ,66, 739-744</p> <p>3. Sandhya P, Grampurohit N.D ,” Comparison of Supercritical Fluid Extraction and Solvent Extraction on fruits of <i>Helicteresisora</i> Linn, <b>Indian Drugs</b>, 2006,43(3) : 740-745</p> <p>4. Sandhya P, Grampurohit N.D. “Isolation of bioactive terpene from the fruits of <i>Helicteresisora</i> Linn.”, <b>Pharmacognosy magazine</b>, 2008 ,4 (14) : 107-111</p> <p>5. Kadam S, Sandhya P,” Micropropagation and Organogenesis in <i>Adhadodavasika</i> for estimation of vasicine”, <b>Pharmacognosy magazine</b>, 2009,5 (20) : 359-363</p> <p>6. Nilesh ,Sandhya P, “ Evaluation of malvasylvestris and pedaliu murex mucilage as suspending agent ” , <b>International Journal of Pharm Tech Research</b> , 2010, 2 : 385-389.</p>



7. Nandan M, Sandhya P., "Standardisation of an Ayurvedic Formulation 'Sanjivanivati'" **International Journal of Green Pharmacy**, 2010 ,4 (3) :153-155
8. Nilesh G., Sandhya P., "Evaluation of Curculigoorchioides Mucilage as Suspending Agent" **International Journal of Pharm TechResearch**, 2011, 3(2) : 831-835
9. R. Snehal, and P. Sandhya, "Chromatographic analysis of bioactive markers in 'Vidangarista' an Ayurvedicpolyherbal formulation" **Journal of Planar Chromatography - Modern TLC**. 2012 , 25 (1) :42-47
10. P.S. Adate, P. Sandhya , "Antisecretory Activity of Different Extracts of Jatropha curcas (linn.) on Pylorus Ligated Rats" **Inventi Impact: Ethnopharmacology**. 2011 (1) : 17-20
11. Nilesh G and P. Sandhya , "Evaluation of Aeglemarmelos fruit mucilage for binding properties", **International Journal of Pharmaceutical sciences and Research**. 2012 (3): 620-622
12. S. Rode, P. Bhujbal, and P. Sandhya,"Quantification of piperine and 18-β Glycyrrhetic acid in herbal formulation "EladiGutika" , **ActaChromatographica**2013 (25:1) : 135-146
13. Chaudhary Chetan and SandhyaP, " Alkaloid from Jatropha curcas Linn and its oral pathogenic activity" **International Journal of Natural Products Research** , 2013 2(1): 2814
14. Shruti B, Sandhya P," Quantitative estimation of piperine, 18- beta glycyrrhetic acid and 6- gingerol from Suryacid tablet formulation by HPTLC method" **International Journal of Research in Pharmaceutical Sciences**, 2013, 4(3) 453-59
15. Sandhya Parameswaran and ShalakaKoshti," Quantitative Estimation of Piperine and Diosgenin in Ayurvedic Formulation, **British Journal of Pharmaceutical Research** , 2014, 4(8): 910-919,
16. Bharat D, Sandhya P, "Study of a herbal sweetener in pharmaceutical dosage forms", **World J. of Pharm. Sci.**, 2015 4(9) : 771-780
17. Renu K and Sandhya P, "Stabilisation of curcumin with ferrous ion and evaluation of its pharmacological properties", **International J. of Pharmacognosy and Phytochemistry**, 2015 7(5) 943-947.

18. Published a paper on “Studies on Hypocholesterolemic and Antidiabetic Activity of *Capsicum annum* Linn on Diet Induced Obese Rats, International Journal of Pharmacognosy and Phytochemical Research 2017; 9(7); 921-9273.
19. Paper accepted on Design, Development and Characterisation of Ethosomal gel loaded with *Plumbagozeylanica* root extract in International Journal of Green Pharmacy