

## S.V.B Pharmacy Faculty



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

<b>Designation</b>	Associate Professor in Pharmacognosy
<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>Experience</b>	13 years of teaching experience. 4 years of research experience Guided 24 M.Pharm Students
<b>Research Grants</b>	<ol style="list-style-type: none"><li>1. Was in receipt of Senior Research Fellowship awarded by All India Council of Technical Education (AICTE) for three years (2000-2003)</li><li>2. Received minor research grant of Rs. 30000 from University of Mumbai Project Title –Phytopharmacology and formulation development of Plumabago zeylanica linn (academic year: 2015-16)</li><li>3. Received a grant of 14,000 from the University of Mumbai for the project titled “ Isolation and Pharmacological studies on the alkaloids of Jatropha curcas Linn.</li><li>4. 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></ol>

	<p>5. 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.</p> <p>6. 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.</p>
<p><b>Achievements</b></p>	<ul style="list-style-type: none"> <li>• 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 <i>Helicteres isora</i> Linn'.</li> <li>• 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> <li>• 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>• 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>• 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> </ul>
<p><b>Seminars / Workshops</b></p>	<ul style="list-style-type: none"> <li>• Comparison of Supercritical Fluid Extraction and Solvent Extraction on fruits of <i>H.isora</i> Linn" 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>• Isolation and Characterization of a Bioactive Terpene from the fruits of <i>H.isora</i> Linn. 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>• Bioactivity Guided Fractionation &amp; Phytochemical Investigation on fruits of <i>Helicters isora</i> Linn. Sandhya P, Grampurohit N.D. World Ayurved Conference 2002, Organised by Swadeshi Science Movement, Kochi, Kerla 1-4th Nov 2002."</li> <li>• Stability Studies of Ayurvedic Formulation containing Vidang and Loha Bhasma.Sandhya P, Grampurohit N.D. International Ayurveda Conference, Chennai Jan- 2000</li> <li>• Microscopical studies and Standardisation of Tannins in Sanjivani vati Nandan M, Sandhya P. Indian Pharmaceutical Conference- Varanasi December 2007</li> <li>• Secondary metabolite production and organogenesis from <i>Adhatoda vasika</i> Kadam S, Sandhya P International Seminar on Medicinal Plants and Herbal Products. Organised by Department of Botany, Sri Venkateshwar University,</li> </ul>

Tirupathi and A.P. Medicinal and aromatic plant board 7-9th march 2008

- 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
- Study of anticariogenic properties of roots of Mimosa pudica Linn. Jadhav V., 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
- Chromatographic analysis of Vidangarishta Pallavi B., Sandhya P International Symposium on Current Status and Opportunities in Aromatic and Medicinal Plants, Lucknow, 21st-24th February 2010.
- 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.
- 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.
- Studies on the mucilage of Pedalium murex. Nilesh Y., Sandhya P International Symposium on Current Status and Opportunities in Aromatic and Medicinal Plants, Lucknow, 21st-24th February 2010.
- 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.
- Study of alkaloidal extract of Jatropha curcas Linn against oral pathogens C. Chetan\*, P. Sandhya, S. Lalit and Nilesh G. 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.
- Studies on mucilage of Aegle marmelos 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.
- Chromatographic analysis of Eladi Gutika an ayurvedic polyherbal 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.
- Antiobesity effects of galls of Quercus infectoria Pingale Sujeet and P. Sandhya International Conference on Current trends in Medicinal Plant research, Pune 10-12 Jan. 2012
- Plant tissue culture and secondary metabolite development from Cinnamom tamala Nees Vishal Mhatre and Sandhya P International Conference on Current trends in Medicinal Plant research, Pune 10-12 Jan. 2012
- Utility of Jatropha curcas as wound healing and antiulcer agent. Asmita mane and Sandhya P 5th International conference
- on medicinal plants & herbal products Manipal college of pharmaceutical

	<p>sciences Manipal university, Manipal 25th – 27th January, 2013</p> <ul style="list-style-type: none"> <li>• Enhancement of curcumin activity by complexation with ferrous ion Gaikar Nilesh, Kolte Renu 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</li> <li>• Antiacne activity, standardization and Formulation Development of phytochemicals Dhanal Neha and Sandhya P Paper presented in Avishkar 2013-14. Mumbai University January 2014</li> </ul>
<p><b>Research Publications</b></p>	<ol style="list-style-type: none"> <li>1. Sandhya P, Grampurohit N.D, "Bioactivity Guided Fractionation &amp; Phytochemical Investigation on fruits of <i>Helicteres isora</i> Linn". Paper published in the Proceedings of the World Ayurved Conference 2002, Organised by Swadeshi Science Movement, Kochi, Kerala in a CD p-221-225</li> <li>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</li> <li>3. Sandhya P, Grampurohit N.D , " Comparison of Supercritical Fluid Extraction and Solvent Extraction on fruits of <i>Helicteres isora</i> Linn, <b>Indian Drugs</b>, 2006,43(3) : 740-745</li> <li>4. Sandhya P, Grampurohit N.D. "Isolation of bioactive terpene from the fruits of <i>Helicteres isora</i> Linn.", <b>Pharmacognosy magazine</b>, 2008 ,4 (14) : 107-111</li> <li>5. Kadam S, Sandhya P," Micropropagation and Organogenesis in <i>Adhadoda vasika</i> for estimation of vasicine", <b>Pharmacognosy magazine</b>, 2009,5 (20) : 359-363</li> <li>6. Nilesh , Sandhya P, " Evaluation of malva sylvestris and pedaliu murex mucilage as suspending agent " , <b>International Journal of Pharm Tech Research</b> , 2010, 2 : 385-389.</li> <li>7. Nandan M, Sandhya P., "Standardisation of an Ayurvedic Formulation 'Sanjivani vati'" <b>International Journal of Green Pharmacy</b>, 2010 ,4 (3) :153-155</li> <li>8. Nilesh G., Sandhya P., "Evaluation of <i>Curculigo orchioides</i> Mucilage as Suspending Agent" <b>International Journal of Pharm Tech Research</b>, 2011, 3(2) : 831-835</li> <li>9. R. Snehal, and P. Sandhya, "Chromatographic analysis of bioactive markers in 'Vidangarista' an Ayurvedic polyherbal formulation" <b>Journal of Planar Chromatography - Modern TLC</b>. 2012 , 25 (1) :42–47</li> <li>10. P.S. Adate, P. Sandhya , "Antisecretory Activity of Different Extracts of <i>Jatropha curcas</i> (linn.) on Pylorus Ligated Rats" <b>Inventi Impact: Ethnopharmacology</b>. 2011 (1) : 17-20</li> <li>11. Nilesh G and P. Sandhya , "Evaluation of <i>Aegle marmelos</i> fruit mucilage for</li> </ol>

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 “Eladi Gutika” , **Acta Chromatographica** 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<sup>1</sup>and Shalaka Koshti, ” 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

## Presentations

**1. Comparison of Supercritical Fluid Extraction and Solvent Extraction on fruits of H.isora Linn**” 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

**2. Isolation and Characterization of a Bioactive Terpene from the fruits of H.isora Linn.** Sandhya P, Grampurohit N.D. Update Ayurveda -2002, Organised by T.N.M.C. & B.Y.L. Nair Ch. Hospital Mumbai.29th Nov –1st Dec 2002

**3. Bioactivity Guided Fractionation & Phytochemical Investigation on fruits of Helicters isora Linn.** Sandhya P, Grampurohit N.D. World Ayurved Conference 2002, Organised by Swadeshi Science Movement, Kochi, Kerla 1-4th Nov 2002.”

**4. Stability Studies of Ayurvedic Formulation containing Vidang and Loha Bhasma.** Sandhya P, Grampurohit N.D. International Ayurveda Conference, Chennai Jan- 2000

**5. Microscopical studies and Standardisation of Tannins in Sanjivani vati**

Nandan M, Sandhya P. Indian Pharmaceutical Conference- Varanasi December 2007

**6. Secondary metabolite production and organogenesis from *Adhatoda vasika*** 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, 21<sup>st</sup>- 24<sup>th</sup> Feb 2010

**12. Studies on the mucilage of *Pedalium 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 *Jatropha curcas* Linn against oral pathogens** C. Chetan\*, P. Sandhya, S. Lalit and Nilesh G. 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 *Aegle marmelos***

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 Eladi Gutika an ayurvedic polyherbal 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 *Quercus infectoria***

Pingale Sujeet 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**

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

**19. Utility of *Jatropha curcas* 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 .**

Gaikar Nilesh, Kolte Renu 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

**21. Antiacne activity, standardization and Formulation Development of phytochemicals**

Dhanal Neha and Sandhya P Paper presented in Avishkar 2013-14. Mumbai University January 2014

**22. Phytopharmaceutical and stability studies of Navayas churna.**

Paper presented at 2nd International Congress of Society for Ethnopharmacology, Nagpur, Feb 20-22, 2015