

DR. SWATI PATIL

Designation	ASSOCIATE PROFESSOR
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EDUCATIONAL QUALIFICATION

Degree	Specializations	Awarding University	Awarded Year
Ph.D. (Tech)	Pharmacognosy	University of Mumbai. Mumbai	2003
M. Pharm	Pharmacognosy	Karnataka university . Dharwad	1994
B. Pharm	Pharmacy	Karnataka university . Dharwad	1992

COURSES TAUGHT

Class	Semester	Subject code	Name of the subjects
Second Year B. Pharm	IV	BP 405 T	Pharmacognosy & Phytochemistry I (Theory)
Third Year B. Pharm	V	BP 504 T	Pharmacognosy & Phytochemistry II (Theory)
	VI	BP 603 T	Herbal Drug Technology (Theory)
M. Pharm F.Y	I	MPG 102T	Advanced Pharmacognosy I
	I	MPG 104T	Industrial Pharmacognostical Techniques
M. Pharm S.Y	II	MPG 202T	Advanced Pharmacognosy II
	II	MPG 204T	Herbal Cosmetics

RESEARCH STUDENT GUIDED/ONGOING

Degree	Specialization	Ongoing	Completed
Ph..D (Tech)	Pharmacognosy	5	2
M. Pharm	Pharmacognosy	1	38

AREA OF RESEARCH : Natural Products- Extraction, Analysis, Bioactivity, Standardisation & Formulation

• a INDUSTRY PROJECTS

Title of the projects	Amount (Lakhs)	Funding	Status
Measurement & size distribution of excipients and active drug in various creams and paste	1.0	S.Zhaveri Pharmakem Pvt. Ltd	Completed
Standardisation and Phytochemical evaluation of Polyherbal formulations	1.0	Ennovate Biolife	Completed
Evaluation of antioxidant activity of Oral gel & Mouthwash	0.12	Anchor Labs	Completed
Standardisation and Pharmacological evaluation of Polyherbal formulations	2.5	Dr.Palep Research Foundation Pvt.Ltd	Completed
Antipyretic & Analgesic activity of herbal formulation	2.5	Dr.Palep Research Foundation Pvt.Ltd	Completed

Evaluation of Regiospermin capsules	0.20	Dr.Palep Research Foundation Pvt.Ltd	Completed
Evaluation of ayurvedic formulation	0.20	Dr.Palep Research Foundation Pvt.Ltd	Completed
Formulation & Evaluation of Antifungal activity of Pentaphyte	0.35	Formulation & Evaluation of Antifungal activity of Pentaphyte	Completed
Estimation of Total Curcuminoids from given sample of Turmeric	0.035	Phytonoid Lifesciences	Completed
Formulation of a Herbal Toothpaste	0.05	Dr.Palep Research Foundation Pvt.Ltd	Completed
Evaluation of Gummies	0.43	Rashi Pharma	Completed
Extraction & qualitative evaluation of polyherbal formulation	1.23	Cira Herbals	Completed
Extraction & standardization of polyherbal formulation	0.04	Cira Herbals	Completed
WHO evaluation of extracts prepared in Laboratory	1.585	Cira Herbals	Completed
Determination of solvent residues for in house extracts	3.78	Cira Herbals	Completed
HPLC Analysis of Phellodendrone extract	0.24	Cira Herbals	Completed
HPLC analysis & Stability of Herbal extracts & Polyherbal Formulations	5.37	Cira Herbals	Completed
HPLC analysis & Stability of 4 Herbal extracts & it's Polyherbal Formulations	3.50	Cira Herbals	Completed
Development of Tablets, Syrups, & Ointments	0.035	Sai Enterprises	Completed
Analysis & in-vitro analysis	0.035	G.C.Chemie Pvt Ltd	Completed

LIST OF PUBLICATIONS

1. S.Patil, S.Narayanan, S.R.Naik, C.I.Jolly, Free radical scavenging activity of *A. catechu* and *R. aquatica* : Implications in cancer therapy, Indian Drugs 40(6) June 2003, 328-332.
2. S.Patil, M.B.Patil, C.K.Kokate, N.S.Prakash, S.S.Jalalpure, Anti-Ulcer property of alcoholic extract of *Cynodondactylon* herb in rats, Acta horticulture, 6(680) March 2005.
3. S.Patil, S.Narayanan, C.I.Jolly, Evaluation of antimutagenic activity of *Rotulaaquatica* (Lour): A traditional herb used in treatment of cancer, Indian Journal of Experimental Biology, 42(9), Sept. 2004, 893-899.
4. S.Patil, Sachin P, M.B.Patil, Ravikumar, Design & characterization of Albumin-Chitosan Microspheres of Aceclofenac for sustained release. Research J.Science& Tech. 2009;1(1),26-29.

5. S.Patil,Sachin P, M.B.Patil, Ravikumar, Mahesh P,Screening for wound healing activity of Alcoholic extract of *Ocimumkillimandscharicum* leaves, Research J. Pharmacology & Pharmacodynamics, 2009;1(1),70-73
6. S.Patil, S.Narayanan, S.R.Naik, C.I.Jolly, V.Joshi, Effect of *Acacia catechu*&*Rotulaaquatica* on the DNA: Implications for cancer therapy Research J. Pharmacology & Pharmacodynamics 2009;1(1)July-Aug, 31-34.
7. S.Patil, S.Narayanan, C.I.Jolly, S.Prabhu,Antibacterial&antidiarrhoeal activities of flowers of *Punicagranatum* Linn,. Research J. Pharmacology & Pharmacodynamics 2009;1(2)Sept-Oct, 87-89.
8. S.Patil, Sachin P, M.B.Patil, Ravikumar, Isolation & Evaluation of *Anacardiumoccidentale* gum as a binding agent in tablet formulations. Research J. Pharma. Dosage forms & tech 2009;1(2),152-157.
9. S Patil, Ravi Kumar , M. B. Patil , Sachin R. Patil , Mahesh S. Paschapur Formulation Evaluation of Mouth Dissolving Tablets of Fenofibrate Using Sublimation Technique . International Journal of ChemTech Research. Oct-Dec 2009 Vol.1, No.4, pp 840-850.
10. S Patil, Ravi Kumar , M. B. Patil , Sachin R. Patil , Mahesh S. Paschapur Isolation and Evaluation of Disintegrant Properties of Fenugreek Seed Mucilage International Journal of ChemTech Research. Oct-Dec 2009 Vol.1, No.4, pp 982-996.
11. S Patil, Ravi Kumar , M. B. Patil , Sachin R. Patil , Mahesh S. Paschapur Evaluation of the analgesic and antipyretic activities of ethanolic extract of male flowers (inflorescences) of borassus flabellifer l. (Arecaceae) International Journal of Pharmacy and Pharmaceutical Sciences, Vol. 1, Issue 2, Oct-Dec. 2009 pp 99-106.
12. S Patil, Ravi Kumar , M. B. Patil , Sachin R. Patil , Mahesh S. Paschapur Prelimnary Phytochemical investigations & wound healing activity of *Allium Cepa(Linn)* (Liliaceae)International Journal of Pharmacy and Pharmaceutical Sciences, Vol. 1, Issue 2, Oct-Dec. 2009 pp 99-106.
13. S.Patil, Aarti B, A.Gorle, Antiulcer &anti-inflammatory studies on *Acacia catechu*.Indian Drugs 47(2) Feb 2010.
14. S.Patil, A.Gorle, Evaluation of antioxidant & antiacne property of *Rubiaccordifolia*, Pelagia research library, Der Pharmacia sinica 2010,1(3), 59-63.
15. S.Patil, Manasi N, Glycine max: The Antioxidant &AntihyperlipidemicNutraceutical. Research J. Pharmacology & Pharmacodynamics 2(5): 2010, 328-33.
16. S.Patil, Rahul S, 'Curcuma longa and Azadirachtaindica: herbals for fertility Control', Research Journal of Pharmacognosy and Phytochemistry.Vol:3(3), May-June 2011.

17. S.Patil, S.Aroskar, Evaluation of antioxidant potential of a Functional Food formulation comprising *Psidium guajava* fruit, *Juglans regia* fruit and Whey. Advance Research in Pharmaceutical and Biologicals (ISSN: 2250-0774), Volume 1, Issue 2, 2011.
18. S.Patil, Rahul S, Formulation & evaluation of *Curcuma longa* & *Azadirachta indica* extracts as vaginal contraceptives. Research Journal of Pharmacology and Pharmacodynamics (RJPPD) Vol. 4 Issue 1, Jan-Feb 2012.
19. S.Patil, S.Watak, Isolation of Apigenin from *Trigonella foenum graecum* seed extract using Column chromatography on lab scale, Asian J. Research Chem. 5(5); May 2012, 600-605
20. S.Patil, S.Watak, Evaluation & comparison of Antioxidant activity of herbomineral complex, Research J Pharmacognosy & Phytochemistry 2012;4(3): 171-177
21. S.Patil, S.Watak, Formation & Evaluation of herbomineral complex, Asian J.Pharm Anal 2012; Vol 2 Issue 2, 52-67
22. S.Patil, S.Aroskar, Evaluation of Immunomodulatory activity of a nutraceutical Formulation comprising *Psidium guajava*, *Juglans regia* & Whey.
23. S.Patil, S.Aroskar, Evaluation of antioxidant potential of a functional food formulation comprising *Psidium guajava*, *Juglans regia* & Whey. Advanced Research in Pharmaceuticals & Biologicals, 2012; Vol 2(1).
24. S.Patil, S.Shetty, R.Bhide, S.Narayanan, Evaluation of platelet augmentation activity of *Carica papaya* leaf aqueous extract in rats, Journal of Pharmacognosy & Phytochemistry, 2013, Vol 1(5), 58-61.
25. S.Patil, S.Narayanan, R.Bhide, Comparative Bioavailability studies of calcium from different sources, Asian Journal of Pharmaceutical & Clinical Research Vol 6(1), 2013, 146-148.
26. S.Patil, D.Varpe, Formulation and Evaluation of Lawsonia-Herbomineral Complex, Inventi Impact: Pharm Analysis & Quality Assurance, Vol. 2014, Issue 2, 1-6.
27. S.Patil, Heena M, Formulation and Evaluation of Herbomineral Complex 'International Research Journal for inventions in Pharmaceutical Research, Jan 2014, vol 2 (1), 116-122.
28. S.Patil, Rohit G, D.Shetty, Hepatoprotective Activity of Hydroalcoholic and Ethyl Acetate Extract of *Abutilon indicum* Leaf on Rats, Int. J. Pharm. Sci. Rev. Res., 31(1), March – April 2015; Article No. 14, 68-71.
29. S.Patil, D.Shetty, Studying the Testosterone Lowering Potential of *Vitex negundo* (Nirgundi) Seed Extract in Hyperandrogenic Female Rats Induced with Polycystic Ovaries Int. J. Pharm. Sci. Rev. Res., 33(1), July – August 2015; Article No. 39, 211-216.

30. S.Patil, D.Shetty, Development, Standardization and Validation of HPLC Method For Estimation of β -sitosterol in *Vitexnegundo* Seed Extract International Journal of Pharmacy Review & Research Vol 5, Issue 2, 2015, 152-157.
31. S.Patil, H.Palep, V.Kothari, Quorum Sensing Inhibition: A New Antimicrobial Mechanism of Panchavalkal, an Ayurvedic Formulation, Bombay Hospital Journal, Vol. 58, No. 2, 2016, 198-204.
32. S.Patil, A.Gorle, P.Suvarna, R.Pingle, Standardisation of *Rubiacordifolia* & its formulations using Alizarin as marker compound by HPTLC, World Journal of Pharmacy & Pharmaceutical sciences, Vol.5(6), 2016, 2466-2477.
33. S.Patil, Ansari A, Evaluation of antioxidant effect & Anticancer activity against ovarian Cancer (OVCAR-3) cell line of Brassica oleracea & Herbomineral complex, International Journal of Applied Pharmaceutical & applied Research, Vol.1(3), 2016 49-58.
34. S.Patil, Snehal Funde, Standardization and Validation of Nigella sativa Seed Extract Using High Performance Thin Layer Chromatography, International journal of Pharmacy & Pharmaceutical research, Vol, 8(2), Jan 2017, 182-190.
35. S.Patil, Ankur Phalak, Hanmanthrao S.Palep, Snehal Funde, Evaluation of pro fertility activity of Mucana pruriens and its standardization using levodopa Research Pharmaceutica 1(1), 2017, 17-24.
36. S.Patil, Suresh Sirvi, Hanumanthrao Palep, Raisa Shaikh*, Efficacy of natural molecules on infertility, International Journal of Recent Scientific Research Vol. 9, Issue, 4(A), pp. April, 2018, 25594-25599.
37. S.Patil, Raisa shaikh*, Analytical evaluation of Shilajit from different geographical origins, International Journal of Advance Research, Ideas and Innovations in Technology, Volume 4, Issue 3 May 2018, 335-341.
38. S.Patil, Raisa shaikh*, A novel and holistic functional food, International Journal of Advance Research, Ideas and Innovations in Technology, Volume 4, Issue 3 May 2018, 342-351.
39. S.Patil, Rujuta Shah, Standardization, Formulation & AntiMicrobial Activity of *Cassia Tora*, International Journal of Pharmaceutical Sciences & Research, Vol 10(4), 2019 pp 1870 – 1879.
40. S.Patil, Priyanka Ayare, Carica papaya: Formulation & Evaluation of new dosage form designs. International Journal of Pharmaceutical sciences & Research Vol. 10(4): 2019, pp 1677-1685.
41. Shaikh Nahida, Patil Swati; Formulation and evaluation of Adulsa capsules Phytosomes International Journal of Advance Research, Ideas and Innovations in Technology, Vol.5(5) : 2019, pp 408- 416.
42. S.Patil, Snehal F, H.Palep, Panchagavya: An Unexplored Pathy in Healthcare. International Journal of Scientific and Engineering Research Vol.:18, Issue:2. May 2020, pp 804-811,
43. S.Patil, Snehal F, H.Palep, Ankur Phalk, Antipyretic and Analgesic activity of Herbal Formulation: Implications in Managing COVID-19 Fever. International Journal of Pharmaceutical Sciences and Research 11 (SPL)(1), Dec 2020, pp 1873-1878.

44. S. Patil , Jyoti Deora, Development and evaluation of Ginger Transdermal Patch and it's implications in Migraine Therapy, International Journal of Pharmaceutical Sciences and Research, Vol. 12(6): June 2021, pp1000-09.
45. Abhijeet V Puri^{1*}, Swati S Patil , Mandar B Mulik Biomedical applications of biogenic phytonanoparticles: A review International Journal of Botany Studies Volume 6, Issue 3, 2021, Page No. 534-540.
46. S.Patil, Nida shaikh Phytochemicals and pharmacological review on licorice (*Glycyrrhiza glabra*) International Journal of Pharmaceutical Research and Applications Volume 6, Issue 2 Mar-Apr 2021, pp: 304-313.
47. S. Patil, Aliefia Y Lehri Shilajit: A himalayan herbomineral wonder, International Journal of Botany Studies , Volume 6, Issue 3, 2021, Page No. 877-881.
48. S Patil Minakshi Ananta Ninave , Medicinal properties of tulsi (*Ocimum sanctum* Linn.): A review International Journal of Botany Studies , Volume 6, Issue 3, 2021, Page No. 800-804
49. S.Patil, Pavan Singh, Phytochemistry, pharmacological activities and traditional uses of *Phyllanthus emblica* (Amla) along with its mechanism of action in anticancer activities: A review International Journal of Botany Studies. Volume 6, Issue 4, 2021, Page No. 43-
50. S.Patil, Prathamesh Bodke An overview of ashwagandha (*Withania somnifera*): A review International Journal of Botany Studies Volume 6, Issue 4, 2021, Page No. 231-234
51. S.Patil, Varsha Gaikwad Turmeric: A golden spice with medicinal properties International Journal of Botany Studies. Volume 6, Issue 4, 2021, Page No. 357-361.
52. S.Patil, Nida Shaikh Phytochemical and pharmacological review on Guggul (*Commiphora wightii*) International Journal of Botany Studies. Volume 6, Issue 4, 2021, Page No. 193-196.
53. S. Patil, Bulti Debnath Management of human cervical cancer using polyherbal phytosome: An in-vitro analysis International Journal of Botany Studies. Volume 6, Issue 4, 2021, Page No. 665-675.
54. S. Patil, Jayni Maru Determination of cytotoxicity of a poly herbal 'Meta-block 9' tablet powder and its phytosomes on MCF-7 and MCF-10A cell lines, In-vitro. International Journal of Botany Studies , Volume 6, Issue 4, 2021, Page No. 930-935.
55. S.Patil , Siddhi Kushare, Terminalia arjuna: An indigenous ancient drug for cardio protection. International Journal of Botany Studies. Volume 7, Issue 3, 2022, Page No. 161-168.
56. [S.Patil, Abhijeet Puri](#) , Tinospora cordifolia stem extract mediated green synthesis of selenium nanoparticles & its biological applications Pharmacog Research Vol 17, July Sept Issue 3, 2022. Pg 1-7
57. [S.Patil, S.Funde, H.Palep](#) Anti-Cancer effect of Panchagavya on Human Colon Adenocarcinoma(HCT-116) Cell line International Journal of Pharmaceutical sciences & Research Vol 13(4) 2022. Pg No 1771-1776.
58. S.Patil, Shirish Bapat, *A.lebbeck* a systemic review International Journal of Scientific Development and Research (IJS DR) Vol 7 issue 7 July 2022 Pg No. 2455-2631.

59. S.Patil, Ruchira Salunkhe A review on Management of Cardiovascular Diseases by Herbal Nanoparticles
International Journal of Pharmaceutical Sciences & Research. International Journal of Pharmaceutical Sciences & Research (IJPSR)Vol 14 issue 6 June 2023 Pg.no 1000-1014.

CONFERENCE, SEMINAR, WORKSHOP, SYMPOSIUM AND WEBINARS

1. S.Patil, S.Narayanan, C.I.Jolly, Free Radical Scavenging Activity of *A. catechu* and *R. aquatica* - Implications for cancer therapy. International Conference on Natural Antioxidants and Free Radicals in Human Health and Radiation Biology, BARC, Mumbai, July 2001.
2. S.Patil, J.K.Lalla, S.S.Bhalerao, R.R.Lalla, Performance Appraisal and Development of Staff - APTI's 6th National Convention, at Nashik, Sept.'2001.
3. S.Patil, S.Narayanan, C.I.Jolly, Anti-mitotic potential of *A. catechu* and *R. aquatica* - Possible mechanism of action. 53rd Indian Pharmaceutical Congress, at New Delhi, Dec. 2001.
4. S.Patil, S.Narayanan, C.I.Jolly, Development of Herbal Medicines for Cancer Therapy. International Seminar on Ayurveda, Gujarat Ayurved University, Jamnagar, Feb 2002.
5. S.Patil, S.Narayanan, C.I.Jolly, Screening of antimitotic activity of two anticarcinogenic herbs : *A. catechu* and *R. aquatica*. International Conference on Emerging Trends in Cancer Research, at JNU, New Delhi, March 2002.
6. S.Patil, S.Narayanan, C.I.Jolly, Antimicrobial activity of *A. catechu* and *R. aquatica*: Implications for cancer therapy, 54th Indian Pharmaceutical Congress, Pune, Dec. 2002.
7. S.Patil, M.B.Patil, S.Jalalpure, Anti-ulcer activity of *Asparagus racemosus* root, 54th Indian Pharmaceutical Congress, Pune, Dec. 2002.
8. S.Patil, S.Narayanan, C.I.Jolly, Effect of *A. catechu* and *R. aquatica* on the DNA: Implications for cancer therapy, 5th International symposium on Innovations in Pharmaceutical sciences and Technology, Mumbai. Feb 2003.
9. S.Patil, M.B.Patil, S.Jalalpure, C.K.Kokate, R.V.Kardi, Antiulcer activity of *Cynodondactylon* (pers), IIIrd World congress on medicinal and aromatic plants for Human welfare (WOCMAP III) Chiang Mai University, Thailand, Feb.2003.
10. S.Patil, Lipase inhibition by *Rotulaaquatica*: Implications in obesity, APTI's 8th National Convention, Hubli, Oct 2003.
11. S.Patil, S.S.Bhalerao, Pharmacy education at crossroads, APTI's 8th National Convention, Hubli, 18-19 Oct 2003.
12. S.Patil, S.Narayanan, C.I.Jolly, Natural polyphenols (tannins) as drugs in cancer chemoprevention, Herbal World, Goregaon. Mumbai, Nov.2003.

13. S.Patil, S.Narayanan, C.I.Jolly, Separation, Identification and Standardisation of plant constituents of *Acacia catechu*, 55th Indian Pharmaceutical Congress, at Chennai, Dec. 2003.
 14. S.Patil, B.More, A.Juvekar, C.Gadgoli, Antioxidant activity & antimitotic activity of *Rubiocordifolia*, International Conference on Ethnopharmacology & Alternative Medicine & 5th Annual Conference of National Society of Ethnopharmacology, 20-22 Jan 2006.
 15. S.Patil, P.Bhuskat, O.Amrite, N.Patel, C.Gadgoli, Antioxidant activity & antimitotic activity of *Nycanthes arbor-tristis*, International Conference on Ethnopharmacology & Alternative Medicine & 5th Annual Conference of National Society of Ethnopharmacology, 20-22 Jan 2006.
 16. S.Patil, P.Goldee, A.Juvekar, C.Gadgoli, Antimitotic activity of *Calotropis Gigantes*, International Conference on Ethnopharmacology & Alternative Medicine & 5th Annual Conference of National Society of Ethnopharmacology, 20-22 Jan 2006.
 17. S.Patil, A.Bhide, Free radical scavenging activity of *Acacia catechu*: Implications in peptic ulcer treatment, 59th IPC, 20-23 Dec 2007
 18. S.Patil, A.Gorle, Evaluation of free radical scavenging activity of *Rubiocordifolia*: Implications in *Acne vulgaris* treatment at International Conference on drug discovery & nanotechnology held at Nanded, 27-29 Jan 2008.
 19. S.Patil, A.Gorle, Effect of *Rubiocordifolia* extract as antioxidant & antibacterial agent for *Acne vulgaris* therapy. International structural neuroscience conference on peptides held at Nagpur on 2-3 Feb 2008.
 20. S.Patil, Manasi N, Screening for nutraceutical properties of Glycine max. International structural neuroscience conference on peptides held at Nagpur on 2-3 Feb 2008.
 21. S.Patil, Manasi N, Soy nutraceuticals: A better tomorrow for multiple sclerosis, International Conference on New Developments in drug discovery from Natural products and traditional medicines, NIPER, Chandigarh held between 16-20 Nov 2008.
- (won First prize)**
22. S.Patil, Manasi N, Healing wonders of *Acacia catechu* in International Conference on New Developments in drug discovery from Natural products and traditional medicines, NIPER, Chandigarh held between 16-20 Nov 2008.
 23. S.Patil, 2nd International Conference on Nutraceuticals, Functional foods & dietary Supplements by FIICI at SciTech Research centre, Goregaon, on 10th Sept'09.
 24. S.Patil, Vinod W, Sonali K, Comparative evaluation of the antipyretic activity of ethanolic extract & the formulation of *Nyctanthes arbor-tristis* leaves extract. 61st IPC held at Ahmedabad, 2009.
 25. S.Patil, Sonali J, Evaluation of Antioxidant activity of *Calotropis gigantea* leaves, SFFR Conference at Hyderabad, 11th Jan 2010.

26. S.Patil, Vinod W, Antipyretic activity & HPTLC of *Nyctanthusarbortris* leaves extract. National Conference on Innovations on Pharmaceutical Research organized by Baroda College of Pharmacy, Baroda, 8-9 Sept'09.
27. S.Patil, Sandip K, Evaluation of antioxidant & anti-inflammatory activity of *Acacia Catechu* extract. National Conference on Innovations on Pharmaceutical research organized by Baroda College of Pharmacy, Baroda, 8-9 Sept'09.
28. S.Patil, Sandip K, Standardisation, Formulation, & Pharmacological activity evaluation of *A.catechu* extract. 14th APTI conference held at Jodhpur on 3-4 Oct'09.
29. S.Patil, Sagar A, Applications of Natural polysaccharides, AROMED, International symposium on current status & opportunities in Aromatic & medicinal Plants. CIMAP, Lucknow, 21-24 Feb 2010.
30. S.Patil, A. Gorle, S.Kedar, Formulation Development and bacterial screening of herbal gels for Anti-acne activity against propionibacterium acne, International Herbal Conference on Herbal Medicine-Evaluation of Quality efficacy and safety, Bangalore, 26-28 Feb 2009.
31. S.Patil, A. Gorle, M.S.Ghadge, P.Rupesh, Standardisation of *Rubiaccordifolia* extract by HPTLC. National Conference on IAPSF convention at Manipal on 15th Nov'09
32. S.Patil, S.Rahul, 'Phytochemical Investigation and Evaluation of Spermicidal Activity of *Curcuma longa*', Symposium Research-The Young Scientist First APPS –NUS-BCP Regional Conference at Bombay College of Pharmacy, Mumbai. 25th Feb.2010.
33. S.Patil, S.Aroskar, Evaluation of Antioxidant potential of an equiproportion combined extract of *Psidiumguajava*(guava)fruit, *Juglansregia* L.(walnut)fruit and Whey protein for better nutraceutical value, An International Conference on 'Challenging and emerging dimensions in medicinal/herbal plants and their products:A Global Perspective', Chennai 26-28 Nov.2010.
34. S.Patil, S.Rahul, 'Herbal Drugs: A New Option for Fertility Control', APTI CON 2010 at ShilpakalaVedika Hyderabad 2-3 Dec.2010.
35. S.Patil, S.Aroskar, Synergistic correlation of Probiotic and Antimicrobial activity of a Nutraceutical formulation, First International Conference of the Society of Pharmacognosy, at KLE University, Belgaum, 18-20 Feb. 2011.
36. S.Patil, S.Rahul, 'Formulation and evaluation of *Curcuma longa* and *Azadirachta indica* extracts as vaginal contraceptive', 1st International Convention and 15th Annual Conference of Society of Pharmacognosy at KLE University, Belgaum, 18-20 Feb. 2011.
37. S.Patil, Heena M, R.Bhide, Comparative Bioavailability studies of calcium from different sources, Interuniversity Research convention, Avishkar-2012, Mumbai University, Mumbai, 12th Dec, 2013.

38. S.Patil, HeenaM, Herbs used as Matrix Metalloprotein Inhibitors in Cancer International conference on herbal products, Manipal College of Pharmacy, Manipal, 25-27 Jan 2013.
39. S.Patil, DipaliV, Applications of Herbomineral complexes in Cancer treatment International conference on herbal products, Manipal College of Pharmacy, Manipal, 25-27 Jan 2013.
40. S.Patil, MitaliN, Herbal remedies for PCOS (A review), International conference on herbal products, Manipal College of Pharmacy, Manipal, 25-27 Jan 2013.
41. S.Patil, D.Shetty, Evaluation of Liquorice Extract for POS, National symposium on herbal drugs, St. John Institute of Pharmacy & Research, Palghar. 6th Jan 2014.
42. S.Patil, D.Shetty, Evaluation of Liquorice Extract Using Polycystic Ovarian Syndrome Model in Rats. Inter-Collegiate Research Convention - Avishkar 2013-14.
43. S.Patil, A.Asiya, Indole-3-Carbinol: A Versatile Molecule with Multifunctional Activities as an Anticancer Agent, 19th Annual APTI held at Pune in Nov' 2014
44. S.Patil, A.Asiya, G.Rohit, Evaluation of Indian Medicinal Plants for Hepatoprotective Activity, 66th Indian Pharmaceutical Congress held at Hyderabad during 23-25 Jan 2015.
45. S.Patil, A.Asiya, G.Rohit, Standardisation and Pharmacological Activity of *Abutilon Indicum* and a Polyherbal Formulation, National Symposium-Formulation Challenges in Herbal Drug Delivery Held at St. John Institute of Pharmacy And Research, Palghar on 13th Feb 2015. (**Won Second Prize**)
46. S.Patil, Snehal F, G.Rohit, Antioxidant Activity of *Abutilon Indicum* : Implication on Hepatoprotective Activity, National Symposium-Formulation Challenges in Herbal Drug Delivery Held at St. John Institute of Pharmacy and Research, Palghar on 13th Feb, 2015.
47. S.Patil, Studies on Pentaphyte P-5, Tadvidya Sambhasha X, Dr. Palep's Medical Education and Research Trust at Nehru Science Centre on 10th Oct 2015 (was Invited Speaker).
48. S.Patil, A.Phalak, Quorum Sensing regulated by Violacin in *Chromobacterium Violaceum*, One day National Seminar on Pharmaceutical Excipients-an Insight. Prin. K .M.Kundnani College of Pharmacy, Cuffe Parade Mumbai, 21st Aug 2015.
49. S.Patil, S.Sirvi, Pentaphyte P-5, Single Medicine: Multiple Cure , One day National Seminar on Pharmaceutical Excipients-an Insight. Prin.K.M.Kundnani College of Pharmacy, Cuffe Parade Mumbai, 21st Aug 2015.
50. S.Patil, Snehal F, H.Palep, V.Kothari, Anti quorum sensing & diffusion studies of Pentaphyte P-5, Newer Approaches for Development and Promotion of Natural Products' 20th National Annual Convention of Society of Pharmacognosy, KLE University, College of Pharmacy, Belgaum, Karnataka, 26-27 March 2016.
51. S.Patil, Snehal F, U. Joshi, Docking Studies for the In-Silico Prediction of HIV-1 Receptor Inhibitors , Newer Approaches for Development and Promotion of Natural Products, 20th National Annual Convention of

- Society of Pharmacognosy, KLE University, College of Pharmacy, Belgaum, Karnataka, 26-27 March 2016.
52. S.Patil, Snehal F, U.Joshi, Elucidation of Molecular targets of bioactive principles of *Nigella sativa*: An in-silico target fishing approach, Accelerating Biology: Decoding the deluge, C-DAC, Pune 2016.
 53. S.Patil, Suresh Sirvi, Ankur Phalak, Antipyretic & Analgesic activity of polyherbal formulation, 21st national Society of Pharmacognosy at Govt college of Aurangabad, March 16-17, 2017
 54. S.Patil, Resource person, Phytopharmaceuticals: An Emerging Platform, Quality Improvement Programme on “Recent Trends in Drug Discovery and Analytical Techniques” at KLE’S College of Pharmacy from 27th June – 08th July 2017.
 55. S.Patil, Raisa Shaikh, A Novel & Holistic Functional food, 12th Maharashtra Inter university Avishkar Research Convention 2017-18, category 6: Medicine & Pharmacy, (Gold medal)
 56. S.Patil, Raisa Shaikh, Guawhenju: A Complete Holistic food Solution, Anveshan , West Zone Student Research Convention, February 14-15, 2018. Ganpat University, Mehsana.
 57. S.Patil, Rujuta Shah, Priyanka Aayare, Formulation and Evaluation of *Carica Papayaphytosomes*, 22nd National Convention of Society of Pharmacognosy & International Conference on Integrating Ayurveda and herbal drugs for next generation Therapeutics and Supplements: Opportunities and Challenges. Ganpat University Shre S.K.Patel College of Pharmaceutical Education and Research, Mehsana North Gujrat on January 20-21, 2018.
 58. S.Patil, Rujuta Shah, Priyanka Aayare, Antifungal activity of *Cassia tora*, 22nd National Convention of Society of Pharmacognosy & International Conference on Integrating Ayurveda and herbal drugs for next generation Therapeutics and Supplements: Opportunities and Challenges. Ganpat University Shre S.K.Patel College of Pharmaceutical Education and Research, Mehsana North Gujrat on January 20-21, 2018.
 59. S.Patil, Raisa Shaikh , Analytical evaluation of Shilajit from different geographical origins, 22nd National Convention of Society of Pharmacognosy & International Conference on Integrating Ayurveda and herbal drugs for next generation Therapeutics and Supplements: Opportunities and Challenges. Ganpat University Shre S.K.Patel College of Pharmaceutical Education and Research, Mehsana North Gujrat on January 20-21, 2018. **FIRST PRIZE.**
 60. S.Patil, Rujuta Shah, Nikhat, Janvi Kathanhar, Safer Hands: Polyherbal Hand Sanitizer 17th YPIPA, SVBCP Dombivali, Feb 8th 2018.
 61. S.Patil, Raisa Shaikh, Scientific review & standardisation of shilajits from different origins. Esperanza-17-18, Prin. K.M.Kundnani college of Pharmacy. Cuffe Parade. Mumbai. Feb 24th, 2018.
 61. S.Patil, Rujuta Shah, Scientific review & standardisation of shilajits from different origins. Esperanza-17-18, Prin. K.M.Kundnani college of Pharmacy. Cuffe Parade. Mumbai. Feb 24th, 2018.
 62. S.Patil, Priyanka Aayare, Carica Papaya: A literature review, formulation & evaluation of nanophytosomes. Esperanza-17-18, Prin. K.M.Kundnani college of Pharmacy. Cuffe Parade. Mumbai. Feb 24th, 2018.

63. S.Patil, Priyanka Aayare, Carica Papaya: New dosage form design, National conference on “Exploring Herbal Domain: Past, Present & future of India on global map”, 23rd & 24th March 2018 sponsored by National Medicinal plant Board(Ayush), New Delhi, organized by government College of Pharmacy, Aurangabad. **(First prize)**
64. S.Patil, National Seminar on Nutraceuticals: Recent Trends & Advances at Bombay College of Pharmacy, Kalina Mumbai, 30th Nov, 2018
65. S.Patil, Janavi Khatanhar, Nisha singh, Safer Hands : Polyherbal Hand Sanitizer in medicine & pharmacy, UG category. Won selection round & was selected for Final round of Avishkar research convention : 2018-19.
66. S.Patil, Jyoti Deora, Transdermal drug delivery system of Ginger oil for Migraine headache. International Conference on Herbal Medicine, Research & commerce & global perspectives, Phytopharmaceuticals & phytopharmacology. **L. M. College of Pharmacy** Ahemdabad 29th-30th dec2018. **First Prize**
67. S.Patil, Nahida Shaikh, Formulation of Adathoda vasaka: a new step towards herbal therapeutics. International Conference on Herbal Medicine, Research & commerce & global perspectives, Phytopharmaceuticals & phytopharmacology. **L. M. College of Pharmacy**, Ahemadabad. 29th-30th dec2018.
68. S.Patil, Janavi Khatanhar, Nikhil Panjwani, Coleen Cocoa in medicine & pharmacy, UG category. Won selection round & was selected for Final round of Avishkar research convention : 2019-20.
69. S.Patil, Nahida Shaikh, Vasphyt: A New Step towards cough therapeutics. SRIJNA Nurturing creativity and innovation Intercollegiate Poster Competition held on 9th February, 2019. Guru Nanak Institute for Research and Development (GNIRD) Khalsa College, Mumbai. **(First Prize)**
70. S.Patil, Jyoti Deora, A Novel Vesicular Carrier for Enhanced Transdermal Delivery of Ginger (Zingiber officinale) . SRIJNA Nurturing creativity and innovation Intercollegiate Poster Competition held on 9th February, 2019. Guru Nanak Institute for Research and Development (GNIRD) Khalsa College, Mumbai
71. S.Patil, Janavi Khatanhar, Nikhil, Toracyn: care for hands, fight for germs. DLLE, UDAAN. University of Mumbai. 16th March 2019.
72. S.Patil, Challenges in the development of generic and biosimilars. AICTE sponsored organised by Prin.K.M.Kundnani college of pharmacy. Cuffe Parade.Mumbai.05
73. S.Patil, Snehal Funde Panchagavya: Formulation and Genomic Profiling , A National Conference on Panchgavya for Healthcare: A Potential Area for Pharmaceutical Research – 8th, 9th Feb’20 Anurag College of Pharmacy in with Go Vigyan Anusandhan Kendra, Nagpur **2020. First Prize**
74. S.Patil, Aliefia Lehri, Shilajit: A Himalayan Herbomineral Wonder. 1st Student Research Congress, Innovations for better health. SVKM’s Dr. Bhanuben Nanavati College of Pharmacy, Mumbai. 28-30, Sept 2020.

75. S.Patil, Jayni Maru, Polyherbal Therapy: A boon for treatment of Cancer. 1st Student Research Congress, Innovations for better health. SVKM's Dr. Bhanuben Nananavati College of Pharmacy, Mumbai. 28-30, Sept 2020.
76. S.Patil, Bulti Debnath, Phytosome: A modernistic approach to treat Fungal infections. 1st Student Research Congress, Innovations for better health. SVKM's Dr. Bhanuben Nananavati College of Pharmacy, Mumbai. 28-30, Sept 2020.
77. S.Patil, Aliefia Lehri Formulation & Evaluation of Shilajit: A Himalayan Herbomineral Wonder. 8th World Conference on Pharmaceutical Science & Drug Manufacture. Bangkok. Thailand. 17th -18th April'2021.
78. S.Patil, Abhijeet Puri Biogenic Selenium Nanoparticles of Tinospora Cordifolia extract and its biological applications .Online International Conference on ISFCO-2021 "RECENT ADVANCES IN PHARMACEUTICAL SCIENCES: VISION 2030"organised by ISF college of Pharmacy, Mogha, Punjab . 1st to 3rd July 2021 (**BEST PAPER AWARD**)
79. S.Patil, Prathamesh Bodke Probiotics: A Boon in Herbal cosmetics. GUJCOST Sopsored Two Days Online Seminar on "Innovations in Herbal Cosmetics : Past, Present & Future Perspectives" Ganpat University Shre S.K.Patel College of Pharmaceutical Education and Research, Mehsana North Gujrat on 26th-27th Aug, 2021.
80. S.Patil, Varsha Gaikwad Carrot seed oil: Innovations in Herbal cosmetics. GUJCOST Sopsored Two Days Online Seminar on "Innovations in Herbal Cosmetics : Past, Present & Future Perspectives" Ganpat University Shre S.K.Patel College of Pharmaceutical Education and Research, Mehsana North Gujrat on 26th-27th Aug, 2021.
81. S.Patil, Pavan Singh Fermented Honey : A prebiotic skin care ingredient to enhance skin care microflora . GUJCOST Sopsored Two Days Online Seminar on "Innovations in Herbal Cosmetics : Past, Present & Future Perspectives" Ganpat University Shre S.K.Patel College of Pharmaceutical Education and Research, Mehsana North Gujrat on 26th-27th Aug, 2021.
82. S.Patil –Guest lecture Challenges in Herbal Formulations. Sterling College of Pharmacy. New Mumbai.25th August 2021.
83. S.Patil, Varsha Gaikwad PHYTOSOMAL CURCUMA: A MODERNISTIC APPROACH FOR ANTICANCER THERAPEUTICS 2nd STUDENT RESEARCH CONGRESS on "Innovations for Better Health", organized by SVKM's Dr. Bhanuben Nanavati College of Pharmacy and Co-hosted by University of Mumbai, held on 28-30, September, 2021
84. S.Patil, Nida Shaikh Plant phytosome: A modernistic approach for better therapeutics 2nd STUDENT RESEARCH CONGRESS on "Innovations for Better Health", organized by SVKM's Dr. Bhanuben Nanavati College of Pharmacy and Co-hosted by University of Mumbai, held on 28-30, September, 2021

85. S.Patil, Prathamesh Bodke Ashwagandha phytosomes: A prudent therapeutic approach for cancer 2nd STUDENT RESEARCH CONGRESS on “Innovations for Better Health”, organized by SVKM’s Dr. Bhanuben Nanavati College of Pharmacy and Co-hosted by University of Mumbai, held on 28-30, September, 2021
86. S.Patil, Pawan Singh *Phyllanthus Phytosomes*: Formulation, Characterization and anticancer Evaluation 2nd STUDENT RESEARCH CONGRESS on “Innovations for Better Health”, organized by SVKM’s Dr. Bhanuben Nanavati College of Pharmacy and Co-hosted by University of Mumbai, held on 28-30, September, 2021
87. S.Patil, Snehal Funde Evaluation of Panchagavya using Genome Profiling and Anti-Proliferative activity **SECOND PRIZE** in Poster Presentation at National Science Day (NSD) – 2022 Programme on the Theme ‘Integrated Approach in S&T for Sustainable Future’ organized by the Mumbai Chapter of The National Academy of Sciences, India (NASI) in association with SVKM’s Dr. Bhanuben Nanavati College of Pharmacy, Mumbai on February 28, 2022.
88. S.Patil, Aliefia Lehri, Arjuna Ksheer Paka: A purified Ayurvedic armour against cardiovascular disease Ministry of AYUSH sponsored national symposium on Advances in Natural Products Research Methodology Nashik November 25,26th 2022.
89. S.Patil, Ruchira Salunke Synthesis, characterization and evaluation of Cardioprotective activity of silver nanoparticles using Albizia lebbeck Linn bark extract Ministry of AYUSH sponsored national symposium on Advances in Natural Products Research Methodology Nashik November 25,26th 2022.
90. S.Patil, Rajshree Nagane, Efficient extraction enrichment and evaluation of Terminalia arjuna Ministry of AYUSH sponsored national symposium on Advances in Natural Products Research Methodology Nashik November 25,26th 2022.
91. S.Patil, Shifa Khatri, Extraction enrichment and formulation of Ayurvedic wonder drug Ministry of AYUSH sponsored national symposium on Advances in Natural Products Research Methodology Nashik November 25,26th 2022.
92. S.Patil, Ruchira Salunke, Synthesis and comparative evaluation of Antioxidant activity of silver nanoparticles and Rajata Bhasma using albizia lebbeck Linn extract SNJB Pharma Con Nashik 2nd-4th December 2022.
93. S.Patil, Aliefia Lehri, Extraction and enrichment of Arjuna Shilajit and Ashwagandha A cardio protective trinity APP 11TH ANNUAL INTERNATIONAL CONVENTION 5th indo swiss conference. Telengana India. 16th, 17th December 2022
94. S.Patil, Ruchira Salunke, Synthesis, characterization and evaluation of Cardioprotective activity of silver nanoparticles using Terminalia arjuna Linn bark extract APP 11TH ANNUAL INTERNATIONAL CONVENTION 5th indo swiss conference. Telengana India. 16th, 17th December 2022
95. S.Patil, Shifa Khatri, Shilajit extraction enrichment and formulation APP 11TH ANNUAL INTERNATIONAL CONVENTION 5th indo swiss conference. Telengana India. 16th, 17th December 2022
96. S.Patil, Rujuta Gandhi , Herbs for Heart Benefits for post covid cardiac protection APP 11TH ANNUAL INTERNATIONAL CONVENTION 5th indo swiss conference. Telengana India. 16th, 17th December 2022

97. S.Patil, Abhijeet Puri, Biogenic synthesis of Selenium nanoparticles. 72nd Indian Pharmaceutical Congress
RTM university .Nagpur . 19-21 Jan'23 (**First Prize**)

TRAINING PROGRAMME

- Trained in B.A.R.C., in Oct.'2001 for D.N.A. extraction and gel electrophoresis studies
Extraction of DNA from treated & untreated plant cells, taking the DNA count before & after treatment & carrying out gel electrophoresis of the extracted DNA sample.
- Trained in C.I.R.C.O.T. in Nov. '2001 for sample preparation for Scanning Electron Microscopy.
Preparation of plant sample by gold coating to study the changes in cellular structure.
- Worked collaboratively with **Department of Surgery, UCLA School of Medicine, Los Angeles, USA** on pancreatic cell lines for anticancer evaluation of *Herbal* extract samples evaluated against HeLa pancreatic cell lines in dose dependent manner.
- Worked collaboratively with **Thomas Jefferson University, USA**, to screen multiple sclerosis activity of Soy proteins/extract.

FACULTY DEVELOPMENT PROGRAMME

1. Faculty Development Training Course held by AICTE at Bombay College of Pharmacy, Kalina, Mumbai in 1994.
2. Faculty Development Training Course held by AICTE and ISTE at Prin.K.M.Kundnani College of Pharmacy, Worli, Mumbai in 1999.
3. Foundation course in Modern Biotechnology and Bioinformatics, AICTE sponsored conducted at Sinhgad College of Pharmacy, Pune, November, 2003
4. QIP on 'Trends in Pharmacology, Clinical trials & Toxicology', 1–14July 2006, AICTE sponsored at K.L.E'S College of Pharmacy, Belgaum.
5. Staff Development Programme on 'Emerging Global Research Trends in Pharmacy', 18-30 June 2007, AICTE sponsored at Prin.K.M.Kundnani College of Pharmacy, Colaba.
6. AICTE sponsored QIP on 'Current Status & Future Perspectives in Herbal drugs. Research & Development' held at KLE University's College of Pharmacy, Belgaum from 22Aug-3Sept 2011.
7. AICTE sponsored QIP on 'New Paradigms in Pharmaceutical Education held at Bombay College of Pharmacy, Mumbai from 14-26 Nov 2011.
8. 78th BRNS-IANCAS National Workshop on Radiochemistry & applications of Radioisotopes sponsored by BRNS, DAE & conducted jointly by BCP, Mumbai on 12-18 March 2012.
9. PCI sponsored CEP on Futuristic trends in teaching, Pedagogy & Research in Pharmaceutical Sciences February 14-16, 2019.Shobhaben Pratapbhai Patel School of Pharmacy & Technology Management, SVKM's NMIMS, Mumbai.

10. AICTE sponsored Two week faculty development programme on Challenges, opportunities, & recent advances in Cancer therapeutics. Rahul Dharkar College of Pharmacy & Research Institute. Karjat. 8th-18th July'2019.
11. AICTE & ISTE sponsored Two week faculty development programme on Emerging Trends in Pharmaceutical Sciences. H.K.College of Pharmacy. Oshiwara. Jogeshwari(W).Mumbai. 25th Nov-7th Dec'2019.
12. NPTEL Online Certification for Developing Soft Skills & Personality .8 weeks course. Aug-Oct 2019.
13. NPTEL Online Certification for Accreditation & Outcome Based learning. 8 weeks course. Aug-Oct 2019.

PROFESSIONAL MEMBERSHIP

1. Life member of Indian Pharmaceutical Association
2. Life member of Association of Pharmaceutical Teachers of India
3. Executive lady council member of IPA (state branch) in 2005-07
4. Executive lady council member of APTI from 2005-07
5. Reviewer of Indian Journal of Pharmaceutical Research
6. Registered Pharmacist with Maharashtra State Council
7. Member of Society of Ethnopharmacology.
8. APTI college Co-ordinator for Mumbai Chapter since July 2020.

