



RESUME

Dr. Sagar Kumar Mishra

M.Pharm, Ph.D, FIC

Lecturer & Coordinator

University Department of Pharmaceutical Sciences (UDPS)

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Professional Qualification:

- **Doctor of Philosophy-2007**, Pharmacy, Utkal University
- **Master of Pharmacy-1999**, Pharmacognosy, The Tamilnadu Dr. M.G.R Medical University, First division, Percentage secured-67.80(1st yr.) & 73.33 (2nd yr.)
- **Bachelor of Pharmacy-1994**, Sambalpur University, First division, Percentage secured-65.07
- **Diploma in Pharmacy-1989**, Orissa State Board of Pharmacy, First division, Percentage secured-70.25
- **Fellow of the Institution of Chemist (India)-2020**

Teaching & Research Experience:

- April' 1996 – June' 1997 & February' 1999 - November' 2001: Indira Gandhi Institute of Pharmaceutical Sciences, Bhubaneswar.
- November' 2001 onwards: University Department of Pharmaceutical Sciences, Utkal University, Bhubaneswar.

Area of Interest:

- Scientific validation of ethno medicine and natural products.
- Phytochemical and biological screening of medicinal plants.
- Isolation of marker compounds.
- Marker compound based quality evaluation and standardization of Herbal/Ayurvedic drugs.
- Chemical and chromatographic profiling.

Courses Taught:

- Pharmacognosy & Phytochemistry

- Herbal Drug Technology
- Industrial Pharmacognosy
- Medicinal Plant Biotechnology
- Indian System of Medicine
- Herbal Cosmetics

Research Guidance

- Candidates guided for the **Ph.D.** programme:

Awarded – **10 (Pharmacy – 07, Ayurveda – 01, Chemistry – 01, Biotechnology – 01)**

1. Dr. O. P. Rout-2012, Ayurveda, Utkal University. (Thesis title: Phytochemical Analysis and Biological Evaluation of Certain Medicinal Plants Used in Ayurveda)
2. Dr. K. K. Rout-2012, Chemistry, North Orissa University. (Thesis title: Phytochemical Investigations of Some Important Medicinal Plants and Structural Modifications of their Secondary Metabolites for Bio-Active Molecules)
3. Dr. Goutam Ghosh-2013, Pharmacy, Utkal University. (Thesis title: Phytochemical Investigation and Antidiabetic Activity Study of some Indigenous Plants of Orissa)
4. Dr. S. K. Karan-2014, Pharmacy, Utkal University. (Thesis title: Phytochemical Investigation and Pharmacological Evaluation of some Indigenous Plants having Antidiabetic Activities)
5. Dr. Biswaranjan Mohanty -2014, Pharmacy, Utkal University. (Thesis title: Studies on Ocular Formulations of an Azole Antifungal Drug)
6. Dr. Suraj Sahoo -2014, Pharmacy, Utkal University. (Thesis title: Method Development for Analytical Studies of some Therapeutic Agents by High Performance Liquid Chromatography)
7. Dr. Somanatha Jena -2016, Biotechnology, Utkal University. (Thesis title: Trace Element Content, Anti-oxidative Activity and Anti-hyperglycemic Activity of Genetically Transformed Hairy Root Cultures of *Sida acuta* Burm.f. – An Important Medicinal Plant)
8. Dr. B. K. Panigrahi-2017, Pharmacy, Utkal University. (Thesis title: Phytochemical Investigation and Antidiabetic Activity Study of some Indigenous Medicinal Plants)
9. Dr. M. K. Kar-2017, Pharmacy, Utkal University. (Thesis title: Phytochemical and Pharmacological Evaluation of few Medicinal Plants having Antidiabetic Property)
10. Dr. Nilima Sukla-2017, Pharmacy, Utkal University. (Thesis title: Pharmacognostic, Phytochemical Analysis, Biological Evaluation of some Indigenous Medicinal Plants)

Thesis submitted – **02**

Research work continuing – **03**

- Candidates guided for **M. Pharm.** project work – **52**

Research Projects Undertaken:

- **Principal Investigator** of the UGC Major Research Project entitled “Identification and Evaluation of Some Promising Anti-Diabetic Plants from Tribal-Rich Pockets of Orissa”

being conducted at University Department of Pharmaceutical Sciences and P.G. Department of Botany, Utkal University.

Sanctioned amount – Rs. 11,00,800/-

- **Co-Principal Investigator** of the Project entitled “Bioprocess development of microbial l-asparaginase from hot springs of Odisha and its *in vitro* anticancer activity evaluation” sanctioned under the Research Promotion Scheme of All India Council for Technical Education, New Delhi.

Sanctioned amount – Rs. 11,10,000/-

Research collaboration:

- **Adjunct Faculty** of the Interdisciplinary Research Project of Centre of Excellence in Studies on Tribal and Marginalized Communities (CoE in STMC) under WB-OHEPEE programme of Utkal University.

Participating subjects: Pharmaceutical Sciences, Botany, Biotechnology and Anthropology

Patent Publications: 03

1. Title of the invention: 3-(2-Amino-5-hexylphenyl) Propanoic Acid for Treatment of Severe Acute Respiratory Syndrome (SARS) Coronavirus 2
Name of Inventors: C. C. Behera, B. N. Ratha and **S. K. Mishra**
Application No. 202231056036 A
Publication Date: 21/10/2022
2. Title of the invention: 3-(5-Hexyl-2-hydroxyphenyl) Propanoic Acid for Treatment of Severe Acute Respiratory Syndrome (SARS) Coronavirus 2
Name of Inventors: C. C. Behera, B. N. Ratha and **S. K. Mishra**
Application No. 202231056037 A
Publication Date: 21/10/2022
3. Title of the invention: 3-(5-Hexyl-2-Methylphenyl) Propanoic Acid for Treatment of Severe Acute Respiratory Syndrome (SARS) Coronavirus 2
Name of Inventors: C. C. Behera, B. N. Ratha and **S. K. Mishra**
Application No. 202231056038 A
Publication Date: 21/10/2022

Journal Publications: 115

Publications in the year 2023:

1. Anticancer activity study of some selected Indian medicinal plants used traditionally, S. L. Dash, R. Mahapatra, **S. K. Mishra**, J Pharm Negative Results, 14(1), 192-199 (2023).

Publications in the year 2022:

2. Isolation and identification of β -sitosterol from *Lantana camara* L., S. L. Dash, A. Katiyar, R. Mahapatra, **S. K. Mishra**, NeuroQuantology, 20 (8), 7147-7154 (2022).
3. Spray Dried Mucoadhesive Microparticles of Donepezil with Chitosan and Carbopol in Alzheimer's Disease, S. M. Jadhav, **S. K. Mishra**, Int. J. Pharm. Investigation, 12(2), 205-210 (2022).
4. The spray-dried mucoadhesive microparticles of rizatriptan with chitosan and carbopol in migraine, S. Jadhav, **S. K. Mishra**, Egyptian Pharmaceutical Journal, 21, 293–301 (2022).
5. A Review on Indian Medicinal Plants having Anti-Cancer activity, S. L. Dash, A. Katiyar, R. Mohapatra, **S. K. Mishra**, GIS Science Journal, 9 (9), 839- 848 (2022).
6. A Systematic Review on *Oxalis Corniculata* Linn. A Crop Field Weed with Promising Pharmacological Activities, S. K. Mekap, **S. K. Mishra**, P. K. Panda, S. S. Panda, D. K. Sarangi, Asian J Pharm Clin Res, 15 (8), 1-5 (2022).
7. Artificial Intelligence: an Insight into Modern Healthcare, S. K. Mekap, S. Kanhar, **S. K. Mishra**, S. S. Panda, Indian Journal of Natural Sciences, 13 (71), 41049-41057 (2022).

Publications in the year 2021:

8. A comparative study on the antioxidant activity of *Oxalis corniculata* Linn. A Crop Field Weed containing phenolic compounds, S.K. Mekap, P.K. Panda, **S.K. Mishra**, Journal of Huazhong University of Science and Technology, 50 (4), 1-18 (2021).
9. In-vitro and In-vivo Antioxidant Activity of *Portulaca pilosa* Linn. A Crop Field Weed Containing Phenolic Compounds, S.K. Mekap, P.K. Panda, **S.K. Mishra**, S.S. Panda, Indian Journal of Natural Sciences, 12(67), 32603-32611(2021).
10. An inventory of ethnobotanicals used as medicines: A case study of the Juang tribe in Gonasika Hill range of Keonjhar district in Odisha, GSJP Jena, R. Mishra, P.K. Patra, M. Chinara, **S.K. Mishra**, A. Mohapatra, K.B. Satapathy, International Journal of Botany Studies, 6(3), 377-386 (2021).
11. In-vitro anti-bacterial potency and phytochemical analysis of *Anacardium occidentale* l. Leaf against some gastrointestinal tract infection-causing bacteria, P. Mallik, K.B. Satapathy, **S.K. Mishra**, International Journal of Pharmaceutical Sciences and Research, 12(7), 3873-3878(2021).

Publications in the year 2020:

12. Antidiabetic Evaluation of *Portulaca pilosa* Linn. A Crop Field Weed, S. K. Mekap, P. K. Panda, **S. K. Mishra**, GIS Science Journal, 7 (11), 885-910 (2020).
13. Ethnobotanical Investigation of Crop Weed Diversity and Their Uses in the Treatment of Diabetes and Other Ailments in Sambalpur, Angul and Dhenkanal District of Odisha (India), S. K. Mekap, P. K. Panda, **S. K. Mishra**, M. Mahapatra, C. C. Behera, International Journal of Modern Agriculture, 9 (3), 920-935 (2020).
14. Potential Medicinal Plants used against Diabetes Mellitus: A Review, S. Jethi. **S. K. Mishra**, K. B. Satapathy, Plant Archives, 20 (1), 2543-2550(2020).

15. Traditional Medicinal Plants used against Diabetes by the Tribes of Gajapati District in Odisha-An Ethnobotanical Exploration, S. Jethi. **S. K. Mishra**, K. B. Satapathy, International Journal of Biosciences, 16 (4), 354-365(2020).

Publication in the year 2018:

16. A Review On: Cytotoxic Activity of Indian Medicinal Plants Used Traditionally, S. L. Dash, **S. K. Mishra**, R. Mohapatra , A. Katiyar, Research Journal of Pharmaceutical, Biological and Chemical Sciences, 9(2), 200-209 (2018).

Publication in the year 2017:

17. Phytochemical and Pharmacological profile of *Portulaca pilosa* Linn.: A Review, S.K. Mekap, P.K. Panda, **S.K. Mishra**, Journal of Environment and Life Sciences, 2 (2), 46-51 (2017).

Publications in the year 2016:

18. Evaluation of Antidiabetic Activity of *Oxalis corniculata* Linn. Whole Plant, S.K. Mekap, S. Sahoo, K.B. Satapathy, **S.K. Mishra**, Research Journal of Pharmaceutical, Biological and Chemical Sciences, 7(2), 2142- 2152 (2016).
19. Antidiabetic Evaluation of Leaf Extracts of *Naringi crenulata* (Roxb.) Nicolson, S.K. Mekap, S. Sahoo, K.B. Satapathy, **S.K. Mishra**, International Journal for Pharmaceutical Research Scholars, 5 (2), 218-232 (2016).
20. Evaluation of *Toddalia asiatica* (L.) Lam. leaf extracts for antidiabetic activity, S.K. Mekap, S. Sahoo, K.B. Satapathy, **S.K. Mishra**, Pharmaceutical and Biological Evaluations, 3 (1), 115-125 (2016).

Publications in the year 2015:

21. PIXE-based quantification of health-proactive trace elements in genetically transformed roots of a multi-medicinal plant, *Sida acuta* Burm.f., S. Jena, L. Sahu, D.K. Ray, **S.K. Mishra**, P.K. Chand, Journal of Radioanalytical and Nuclear Chemistry, 303 (3), 2101-2112 (2015).
22. Antimicrobial activity of natural dyes and pigments obtained from *Morinda citrifolia* L. and *Terminalia catappa* L. leaves, B. Majhi, K.B. Satapathy, **S.K. Mishra**, International Journal of Pharma and Bio Sciences, 6 (4), 836-843 (2015).
23. Studies on antimicrobial effect of natural dyes and pigments obtained from the leaf of *Artocarpus heterophyllus* Lam. and *Tectona grandis* L.f., B. Majhi, K.B. Satapathy, **S.K. Mishra**, A. Mohapatra, International Journal of Phytomedicine, 7, 396-401 (2015).
24. Pharmacognostical evaluation of leaves of two medicinally important species of *Clerodendrum*, N. Shukla, C.S. Panda, **S.K. Mishra**, International Journal for Pharmaceutical Research Scholars, 4, 1-12 (2015).
25. Antidiabetic activity of *Clerodendrum philippinum* Schauer leaves in Streptozotocin induced diabetic rats, M.K. Kar, T.R. Swain, **S.K. Mishra**, International Journal of Pharmacy and Pharmaceutical Sciences, 7 (9), 386-389 (2015).

26. Antidiabetic effects of *Clerodendrum inerme* (L) Gaertn, B.K. Panigrahi, **S.K. Mishra**, S.K. Sahu, International Journal of Pharmacy & Pharmaceutical Research, 4 (2), 248-256 (2015).
27. Antidiabetic effects of *Clerodendrum viscosum* vent, B.K. Panigrahi, **S.K. Mishra**, S.K. Sahu, World Journal of Pharmaceutical Sciences, 3(9), 1944-1948 (2015).
28. Effect of Medicinal Plants on Various Skin Diseases: A Review, B. Majhi, K.B. Satapathy, **S.K. Mishra**, World Journal of Pharmaceutical Research, 4 (5), 600-614 (2015).

Publications in the year 2014:

29. Development of a sensitive HPTLC method for quantification of Nimbolide in *Azadirachta indica* and its dosage form, K.K. Rout, **S.K. Mishra**, Journal of Chromatographic Science, 52, 1089-1094 (2014).
30. Development and characterization of Itraconazole-loaded solid lipid nanoparticles for ocular delivery, B. Mohanty, D.K. Majumdar, **S.K. Mishra**, A.K. Panda, S. Patnaik, Pharmaceutical Development and Technology, Early Online: 1-7 (2014).
31. Evaluation of Anti bacterial efficacy of *Clerodendrum serratum* Linn. and *Clerodendrum viscosum* Vent. Leafs against some human pathogens causing UT and GIT infection, N. Shukla, C.S. Panda, K.B. Satapathy, S. Sahoo, **S.K. Mishra**, Research Journal of Pharmaceutical, Biological and Chemical Sciences, 5 (6), 621-626 (2014).
32. Pharmacognostical studies on *Clerodendrum inerme* (L.) Gaertn leaves, N. Shukla, C.S. Panda, **S.K. Mishra**, Der Pharmacia Lettre, 6 (5), 191-197 (2014).
33. Method of Identification and Standardization of 'Vamsalochana' (Bamboo Manna), S. Parida, K.K. Rout, **S.K. Mishra**, Indian Drugs, 51 (1), 55- 58 (2014).
34. Antidiabetic activity of *Clerodendrum serratum* (L.) Moon leaves in Streptozotocin-induced diabetic rats, M.K. Kar, T.R. Swain, **S.K. Mishra**, Asian J. Pharm. Clin. Res., 7 (6), 260-263 (2014).
35. Studies on the Antibacterial and Antioxidant Activities of *Sonchus asper* (L.) Hill and *Seseli diffusum* (Roxb. Ex Sm.) Sant. & Wagh, P. Mallik, **S.K. Mishra**, K.B. Satapathy, IOSR Journal of Pharmacy and Biological Sciences, 9(6), 24-27 (2014).
36. Ulcer-protective effect of *Avicennia officinalis* L., A common mangrove plant, N. Aparna, S.R. Pani, S.K. Mekap, N.K. Dhal, **S.K. Mishra**, S. Sahoo, Pharmaceutical and Biological Evaluations, 1, 1-8 (2014).
37. Study on the Antibacterial potential and Phytochemical analysis of *Thespesia populnea* (L.) Sol. ex Corr. Used in the treatment of Diarrhoea and Dysentery, J. Somani, K. Akhtari, S.K. Nayak, S. Sahoo, **S.K. Mishra**, K.B. Satapathy, American Journal of Pharmacy and Health Research, 2 (12), 70-77 (2014).
38. *In silico* designing of Pyrazole-1-YI Azetid-2-One derivatives as drug like molecules for possible inhibition of Anti microbial 3GI9, 4AE5, 3FHU and 5COX target Proteins, S.M. Behera, R.K. Mohanta, **S.K. Mishra**, S.K. Sahu, L. Mohanta, M. Banerjee, Int. J. Drug Dev. & Res., 6 (1), 78-91 (2014).

39. Antibacterial Effects and Phytochemical Investigation of *Alternanthera sessilis* (Linn.) R.Br.ex DC, S.K. Nayak, S. Mishra, S.K. Mekap, M.K. Kar, K.B. Satapathy, **S.K. Mishra**, J.T.R. Chem., 21 (1), 31-39 (2014).

Publications in the year 2013:

40. Antidiabetic effect of *Streblus asper* in streptozotocin-induced diabetic rats, S.K. Karan, A. Mondal, **S.K. Mishra**, D. Pal, K.K. Rout, Pharmaceutical Biology, 51(3), 369-375 (2013).
41. *In Vitro* Permeation Characteristics of Itraconazole from Oil Drops and Ophthalmic Ointment through Excised Goat and Sheep Corneas, B. Mohanty, **S.K. Mishra**, D.K. Majumdar, IOSR Journal of Pharmacy and Biological Sciences, 5(3), 19-26 (2013).
42. Effect of Formulation factors on *in vitro* Transcorneal permeation of Voriconazole from Aqueous drops, B. Mohanty, **S.K. Mishra**, D.K. Majumdar, Journal of Advanced Pharmaceutical Technology & Research, 4(4), 210-216 (2013).
43. Design and *in vitro* evaluation of Voriconazole ocular inserts, B. Mohanty, **S.K. Mishra**, D.K. Majumdar, International Journal of Universal Pharmacy and Life Sciences, 3 (2), 87-93 (2013).
44. HPLC Method Development for Estimation of Citicoline and Methylcobalamin in Tablet, Suraj Sahoo, P.K. Panda, **S.K. Mishra**, S. Sahoo, Asian Journal of Chemistry, 25 (1), 581-582 (2013).
45. HPLC Method Development for Estimation of Ramelteon in Tablet Dosage Form, S. Sahoo, P.K. Panda, **S.K. Mishra**, Indian Drugs, 50 (6), 20- 23 (2013).
46. HPLC Method Development for Simultaneous Estimation of Hydrochlorothiazide, Amlodipine and Telmisartan in Tablet Dosage Form, S. Sahoo, P.K. Panda, **S.K. Mishra**, International Journal of Pharmacy and Industrial Research, 3(1), 98-100 (2013).
47. Analysis of some Essential Elements in Medicinal Plants used in Ayurveda, O.P. Rout, R. Acharya, R. Gupta, **S.K. Mishra**, R. Sahoo, International Journal of Applied Biology and Pharmaceutical Technology, 4(1), 335-338 (2013).

Publications in the year 2012:

48. Development and Validation of HPTLC Method for Quantification of the Antidiabetic Compound α -Amyrin Acetate in *Streblus asper* Lour, S.K. Karan, K.K. Rout, **S.K. Mishra**, D.K. Pal, Journal of Planer Chromatography, 25(6), 554-558 (2012).
49. Thin-Layer Chromatographic Separation and Validated HPTLC Method for Quantification of Ursolic Acid in Various *Ocimum* Species, K.K. Rout, R.K. Singh, D.P. Barik, **S.K. Mishra**, Journal of Food and Drug Analysis, 20(4), 865-871 (2012).
50. Isolation of β -Sitosterol and Evaluation of Antidiabetic Activity of *Aristolochia indica* in Alloxan-induced Diabetic Mice with a reference to *in-vitro* Antioxidant Activity, S.K. Karan, **S.K. Mishra**, D. Pal, A. Mondal, Journal of Medicinal Plants Research, 6(7), 1219-1223 (2012).
51. Antidiabetic Effect of the Roots of *Streblus asper* in Alloxan-induced Diabetes Mellitus, S.K. Karan, **S.K. Mishra**, D.K. Pal, R.K. Singh, G. Raj, Asian Journal of Chemistry, 24(1), 422-424 (2012).
52. Antihyperglycemic Effect of *Vetiveria zizanioides* (L.) Nash Root Extract in Alloxan induced Diabetic Rats, S.K. Karan, **S.K. Mishra**, D. Pal, Journal of Pharmaceutical and Scientific Innovation, 1 (6), 35-38 (2012).

53. HPLC Method Development for Simultaneous Estimation of Hydrochlorothiazide and Perindopril in Tablet Dosage Form, Suraj Sahoo, P.K. Panda, **S.K. Mishra**, S. Sahoo, Asian Journal of Pharmaceutical and Clinical Research, 5(2), 136-138 (2012).
54. HPLC Method Development for Simultaneous Estimation of Atovaquone and Proguanil in Tablet Dosage Form, Suraj Sahoo, P.K. Panda, **S.K. Mishra**, S. Sahoo, International Journal of Pharmacy and Pharmaceutical Sciences, 4(3), 195-197 (2012).
55. Evaluation of an Ayurvedic Compound Formulation Laghusutasekhara Rasa, O.P. Rout, R. Acharya, R. Gupta, **S.K. Mishra**, R. Sahoo, International Journal of Pharmaceutical and Phytopharmacological Research, 2(3), 209-210 (2012).
56. Pathorchur (*Coleus aromaticus*): A Review of the Medicinal Evidence for its Phytochemistry and Pharmacology Properties, O.P. Rout, R. Acharya, **S.K. Mishra**, R. Sahoo, International Journal of Applied Biology and Pharmaceutical Technology, 3(4), 348-355 (2012).
57. Oleogum Resin Guggulu: A Review of the Medicinal Evidence for its Therapeutic Properties, O.P. Rout, R. Acharya, **S.K. Mishra**, International Journal of Research in Ayurveda and Pharmacy, 3(1), 15-21 (2012).

Publications in the year 2011:

58. Simultaneous Quantification of Two Bioactive Lupane Triterpenoids from *Diospyros melanoxylon* Stem Bark, K.K. Rout, R.K. Singh, **S.K. Mishra**, Journal of PlanerChromatography, 24 (5), 376-380 (2011).
59. A new Clerodane-type γ -hydroxybutenolide Diterpene from the Bark of *Polyalthia longifolia* var. Angustifolia, G. Ghosh, B.B. Subudhi, M. Banerjee, **S.K. Mishra**, Indian Journal of Chemistry, 50B, 1510-1512 (2011).
60. Isolation and Characterization of 22,23-Dihydrostigmasterol (β -Sitosterol) from the Bark of *Polyalthia longifolia* var. Angustifolia, G. Ghosh, B.B. Subudhi, D. Mishra, P. Sudhir Kumar, **S.K. Mishra**, Asian Journal of Chemistry, 23 (3), 1341-1343 (2011).
61. Antihyperglycemic Activity of Root Bark of *Polyalthia longifolia* var. Pendula and Aerial Parts of *Sida rhombifolia* Linn. and its Relationship with Antioxidant Property, G. Ghosh, B.B. Subudhi, **S.K. Mishra**, Asian Journal of Chemistry, 23 (1), 141-144 (2011).
62. Evaluation of Anti-inflammatory and Analgesic Activity of *Ixora coccinia* Flower Extract, A. Bhattacharya, D.R. Kar, A. Sengupta, G. Ghosh, **S.K. Mishra**, Asian Journal of Chemistry, 23(10), 4369-4372 (2011).
63. Hepatoprotective Effect of *Barringtonia acutangula* Linn. Leaves on Carbon Tetrachloride-induced Acute Liver Damage in Rats, S. Mishra, S. Sahoo, K.K. Rout, S.K. Nayak, **S.K. Mishra**, P.K. Panda, Indian Journal of Natural Products and Resources, 2(4), 515-519 (2011).
64. Antimicrobial activity of *Cressa cretica* L., a Halophytic Plant, P. Sunita, S. Jha, S.P. Pattanayak, **S.K. Mishra**, Journal of Scientific Research, 4 (1), 203, (2011).
65. Antidiabetic Activity of Root of *Sida acuta* Linn. in Normoglycemic and Alloxan Induced Diabetic Rats, S. Jena, **S.K. Mishra**, G. Ghosh, P.K. Chand, Indian Drugs, 48 (3), 27- 33 (2011).
66. HPLC Method Development for Simultaneous Estimation of Nizatidine, Methyl Paraben and Propyl Paraben in Oral Solution, S. Sahoo, P.K. Panda, **S.K. Mishra**, Sabuj Sahoo, Indian Drugs, 48(11), 44-47 (2011).

67. Study of antiulcer activity of roots of *Alangium salvifolium* Linn. in pylorus ligated rats, P.K. Mohanty, S.K. Panda, **S.K. Mishra**, P.K. Panda, Y.A. Jaliwala, P. Milind, Int. Res. J. Pharm., 2, 190-192, (2011).
68. Antibacterial Activity of *Polyalthia longifolia* var. *Angustifolia* Stem Bark Extract, G. Ghosh, B.B. Subudhi, L.D. Badajena, J. Ray, M.K. Mishra, **S.K. Mishra**, Int. J. Pharm. Tech. Res., 3 (1), 256 – 260 (2011).
69. Analgesic and Anti-inflammatory Activity of Methanol Extract of *Scindopsus officinalis* Root in Experimental Animals, **S.K. Mishra**, K.B. Satapathy, G. Ghosh, D. Das, Pharmacologyonline, 3, 396-411 (2011).
70. *In-Vitro* Antioxidant Potentials in leaves of *Coleus aromaticus* Benth And Rhizomes of *Zingiber zerumbet*(L.)SM., O.P. Rout, R. Acharya, **S.K. Mishra**, Journal of Applied Pharmaceutical Science, 1(8), 194-198 (2011).
71. *Zingiber zerumbet*(L.)SM., A Reservoir Plant for Therapeutic Uses: A Review, O.P. Rout, R. Acharya, **S.K. Mishra**, International Journal of Pharma World Research, 2(2), 1-22 (2011).
72. Pharmacognostical and Phytochemical Studies of *Zingiber zerumbet*(L.)SM. Rhizome, O.P. Rout, K.K. Rout, R. Acharya, **S.K. Mishra**, International Journal of Research in Ayurveda and Pharmacy, 2(3), 698-703 (2011).
73. Diagnosis,Prevention and Treatment of Dreadly Cancer : A Review, J. Sahoo, **S.K. Mishra**, D.K. Tripathi, Int. J. Pharmacol. Bio. Sci., 5 (2), 65 – 74 (2011).

Publications in the year 2010:

74. Anti-hyperglycemic and Antioxidant Activity of Stem Bark of *Polyalthia longifolia* var. *Angustifolia*, G. Ghosh, D.M. Kar, B.B. Subudhi, **S.K. Mishra**, Der Pharmacia Lettre, 2 (2), 206 – 216 (2010).
75. Antimicrobial Potential of the Volatile Oil of *Feronia limonia* Swingle Leaves,S. Sahoo, D.K. Brahma, **S.K. Mishra**, S.R. Mishra, S. Sahoo,Indian Drugs, 47 (4), 69 – 71 (2010).
76. Preliminary Pharmacognostical and Phytochemical Evaluation of *Coleus aromaticus* Benth. Leaf, O.P. Rout, K.K. Rout, R. Acharya, **S.K. Mishra**, International Journal of Pharma World Research, 1(4), 1-19 (2010).

Publications in the year 2009:

77. Standardization of Ayurvedic Formulations Containing *Aloe vera* by Quantification of Marker Compound, K.K. Rout, O.P. Rout, **S.K. Mishra**, Journal of Planer Chromatography, 22 (5), 381-384 (2009).
78. Efficient and Sensitive Method for Quantitative Analysis of 6-Gingerol in Marketed Ayurvedic Formulation,K.K. Rout, **S.K. Mishra**, Journal of Planer Chromatography, 22(2), 127-131 (2009).
79. Development and Validation of an HPTLC Method for Analysis of Zerumbone, the Anticancer Marker from *Zingiber zerumbet*, K.K. Rout, **S.K. Mishra**, J. Sherma,Acta Chromatographica, 21 (3) ,443 -452 (2009).
80. Determination of Bioactive Markers in *Curcuma longa* Rhizome, K.K. Rout, S. Mishra, **S.K. Mishra**, S. Sahoo,Food, 3 (1), 73-76 (2009).

81. Antimicrobial Investigation of Leaves of *Barringtonia acutangula* Linn., S. Mishra, S. Sahoo, **S.K. Mishra**, K.K. Rout, S.K. Nayak, N.K. Dhal, Medicinal and Aromatic Plant Science and Biotechnology, 3 (1), 55-58 (2009).
82. Antidiabetic Activity of Methanolic Extract of Stem Bark of *Polyalthia longifolia* var. Pendula, G. Ghosh, P.K. Sahu, S.C. Si, B.B. Barik, **S.K. Mishra**, Indian Drugs, 46 (12), 43-46 (2009).
83. Antimicrobial activity of methanol extract of *Mahonia leschenaultii* Takeda root and root bark, B. Duraiswamy, **S.K. Mishra**, V. Subhashini, M.J. Nanjan, B. Suresh, Hamdard Medicus, 52 (1), 62-64 (2009).
84. Antihyperglycaemic Activity of *Sida rhombifolia* Root Extract in Alloxan Induced Diabetic Rats and Euglycaemic Rats, G. Ghosh, P.K. Sahu, P.S. Kumar, **S.K. Mishra**, Int. J. Pharmacol. Biol. Sci., 3 (2), 45-49 (2009).
85. A Review on Cardiovascular Disorders and their Management, J. Sahoo, J. Behera, P.K. Sahu, S. Sahoo, **S.K. Mishra**, Recent Trends Pharmac. Toxic., 6, 59-67 (2009).

Publications in the year 2008:

86. Estimation of Berberine in Ayurvedic Formulations Containing *Berberis aristata*, K.K. Rout, S. Pradhan, **S.K. Mishra**, Journal of AOAC INTERNATIONAL, 91(5), 1149-1153 (2008).
87. Standardization of the Ayurvedic Formulation Haridra Khanda Using High-Performance Thin-Layer Chromatography–Densitometry, K.K. Rout, S. Parida, **S.K. Mishra**, Journal of AOAC INTERNATIONAL, 91(5), 1162-1168 (2008).
88. Antimycotic Potential of *Crataeva religiosa* Hook and Forst against Some Selected Fungal Pathogens, S. Sahoo, **S.K. Mishra**, P.K. Panda, S. Tripathy, S.R. Mishra, P. Ellaiah, S.K. Dash, Acta Poloniae Pharmaceutica- Drug Research, 65(2), 245-247 (2008).
89. Emerging Trends in the Management of Diabetes: An Overview, M.K. Mishra, B.B. Panda, G. Ghosh, **S.K. Mishra**, B.B. Barik, Indian Drugs, 45(6), 441-446 (2008).
90. Antidiabetic Activity of Chloroform Extract of Stem Bark of *Polyalthia longifolia* var. *Angustifolia* on Normal and Alloxan Induced Diabetic Rats, G. Ghosh, P.K. Sahu, D. Mishra, **S.K. Mishra**, Advanced Pharmacology and Toxicology, 9(3), 51-54 (2008).
91. Amisulpride in the Management of Schizophrenia: A Review, J. Sahoo, P.K. Sahu, D.K. Tripathi, S. Sahoo, **S.K. Mishra**, Advanced Pharmacology and Toxicology, 9(1), 23-25 (2008).
92. Antibacterial Activity of some Indian Medicinal Plants, A. Prusti, S.R. Mishra, S. Sahoo, **S.K. Mishra**, Ethnobotanical leaflets, 12, 227-230 (2008).

Publications in the year 2007:

93. Estimation of Piperine in Commercial Ayurvedic Formulations, K.K. Rout, O.P. Rout, **S.K. Mishra**, Journal of Planer Chromatography, 20(6), 447-450 (2007).
94. Marker Profiling of Guggulu, (*Commiphora mukul*) the Hypolipidemic Agent in Indian System of Medicine, R. Acharya, O.P. Rout, **S.K. Mishra**, Journal of Ayurveda, 1(4), 57-59 (2007).
95. Phytochemical and Pharmacological Studies on *Bryonopsis laciniosa* Naud Roots, **S.K. Mishra**, S.K. Sahu, S.P. Pattayak, B. Duraiswamy, C.S. Panda, Hamdard Medicus, 50(1), 127-132 (2007).
96. Synthesis and Antibacterial Activity of 2-Phenyl-3,5-Diphenyl(Substituted) 6-Aryl-3,3a,5,6-Tetrahydro-2H-Pyrazolo(3,4-d)Thiazoles, S.K. Sahu, **S.K. Mishra**, R.K. Mohanta, P.K. Panda, Md. A. Azam, Indian J. Pharm. Sci., 69 (5), 689-692 (2007).

97. Synthesis and Antimicrobial Activity of some 1-(2,4-Dinitrophenyl)-3-(3-Nitrophenyl)-5-(4-Substitutedphenyl)-4-Bromo-2-Pyrazolines and 1-(2,4-Dinitrophenyl)-3-(3-Nitrophenyl)-5-(4-Substituted phenyl)-2-Pyrazolin-4-Ones, **S.K. Mishra**, S. Sahoo, P.K. Panda, S.R. Mishra, R.K. Mohanta, P. Ellaiah, C.S. Panda, *Acta Poloniae Pharmaceutica- Drug Research*, 64(4), 359-364 (2007).
98. Synthesis, Partition Coefficients and Antibacterial Activity of 3-Phenyl (Substituted)-6-Aryl-2(1H)-Cis-3,3a-Dihydrospiro[3-H-Indole-3,5-Pyrazolo [3,4-d]-Thiazolo-2-(1H)-Ones], S.K. Sahu, M. Banerjee, **S.K. Mishra**, R.K. Mohanta, P.K. Panda, P.K. Misro, *Acta Poloniae Pharmaceutica- Drug Research*, 64(2), 121-126 (2007).
99. Synthesis and Antibacterial Activity of some 2-Aryl Acenaphthimidazoles and their N-Mannich Bases against some Streptococcus Species, S. Sahoo, **S.K. Mishra**, P.K. Panda, S.R. Mishra, A. Nayak, P. Ellaiah, C.S. Panda, *Acta Ciencia Indica*, XXXIII C (3), 227-230 (2007).
100. Inhibitory Effect of some Synthesized 1-(2,4-Dinitrophenyl)-3-(3-Nitrophenyl)-5-(4-Substituted phenyl)-4-Bromo-2-Pyrazolines and 1-(2,4-Dinitrophenyl)-3-(3-Nitrophenyl)-5-(4-Substituted phenyl)-2-Pyrazolin-4-ones Against Streptococcal Hyaluronidase Enzyme and Pathogenic Streptococcal Species, S. Sahoo, **S.K. Mishra**, P.K. Panda, S.R. Mishra, A. Nayak, P. Ellaiah, C.S. Panda, *J.T.R. Chem.*, 14(1), 1-7 (2007).

Publications in the year 2006:

101. Synthesis, Partition Coefficient and Antibacterial Activity of 3'-Aryl-6'-Phenyl (Substituted)Cis-5'a,6'-Dihydrospiro[3H-Indole-3,4'-Thiozolo(5',1'-c)-Isoxazolo-2-(1H)-Ones], S.K. Sahu, **S.K. Mishra**, M. Banerjee, P.K. Panda, P.K. Misro, *J. Indian Chem. Soc.*, 83, 725-727 (2006).
102. Synthesis and Biological Evaluation of 3-(Phthalimidoethyl)-4-Substituted Cinnamoyl Substituted Benzanilides, S.K. Sahu, **S.K. Mishra**, S. Mandal, P. Choudhury, S. Sutradhar, P.K. Misro, *J. Indian Chem. Soc.*, 83, 832-834 (2006).
103. Synthesis and Antibacterial Activity of 2-(2,4-Dinitrophenyl)-3,5-Diphenyl (Substituted)-6-Aryl-3,3a,5,6-Tetrahydro-2H-Pyrazolo (3,4-d) Thiazoles, S.K. Sahu, **S.K. Mishra**, R.K. Mohanta, S.P. Pattanayak, C.S. Panda, *Indian J. Pharm. Sci.*, 68(3), 377-380 (2006).
104. Studies on the Antimicrobial Potential of *Mahonia leschenaultii* Takeda Root and Root Bark, B. Duraiswamy, **S.K. Mishra**, V. Subhashini, S.A. Dhanraj, B. Suresh, *Indian J. Pharm. Sci.*, 68(3), 389-391 (2006).
105. Synthesis and Antimicrobial Activity of 1-(2,4-Dinitrophenyl)-3-(3-Nitrophenyl)-5-(4-Bromophenyl)-2-Pyrazolin-4-One, S. Sahoo, A. Tripathy, P.K. Panda, C.S. Panda, **S.K. Mishra**, *Acta Ciencia Indica*, XXXII C (4), 381-384 (2006).
106. Synthesis and Antimicrobial Activity of some 2-Aryl-4,5-Dimethyl Imidazoles and their N-Mannich Bases, S.K. Sahu, **S.K. Mishra**, S. Sahoo, S. Tripathy, S.K. Nayak, C.S. Panda, *J.T.R. Chem.*, 13(1), 7-12 (2006).
107. Synthesis and Antimicrobial Activity of some 2-Aryl Acenaphthimidazoles and their N- Mannich Bases, **S.K. Mishra**, S. Sahoo, P.K. Panda, S.R. Mishra, R.K. Parida, P. Ellaiah, C.S. Panda, *J.T.R. Chem.*, 13(2), 49-54 (2006).

Publication in the year 2005:

108. Phytochemical and Microbiological Studies on *Mahonia leschenaultii* Takeda, **S.K. Mishra**, S.K. Sahu, B. Duraiswamy, B. Suresh, B. Nanda, C.S. Panda, Hamdard Medicus, XLVIII (4), 105-112 (2005).

Publications in the year 2004:

109. Synthesis and Hypoglycemic Activities of 3-(Phthalimidomethyl)-4-Substituted Cinnamoyl Salicylanilides, S.K. Sahu, **S.K. Mishra**, S.P. Mahapatra, D. Bhatta, C.S. Panda, J. Indian Chem. Soc., 81, 258-260 (2004).

110. Phytochemical and Microbiological Studies on *Berberis tinctoria* Lesch., **S.K. Mishra**, S.K. Sahu, B. Duraiswamy, B. Suresh, C.S. Panda, Hamdard Medicus, XLVII (1), 16-22 (2004).

111. Pharmacological Screening of 3(3-Azido-2-Hydroxy Propyloximino) Indole-2,3-Dione for its Antidepressant Activity, **S.K. Mishra**, S.K. Sahu, P.K. Panda, M.R. Sahu, P.K. Misro, J. Curr. Sci., 5(1), 205-210 (2004).

112. Effect of Polyvinyl Pyrrolidone and Dimethyl Sulphoxide on Ethyl Cellulose Transdermal Patches of Verapamil Hydrochloride, S.K. Sahoo, S. Chatterjee, D. Sahu, **S.K. Mishra**, B.B. Barik, J. Curr. Sci., 8(2), 419-423 (2004).

113. Synthesis and Antibacterial Activity of N-Mannich Bases of some 2-Aryl-4, 5-Disubstituted Imidazoles, S.K. Sahu, **S.K. Mishra**, S.P. Pattanayak, R.K. Mohanta, C.S. Panda, J.T.R. Chem., 11(1), 95-98 (2004).

Publications in the year 2003:

114. Pharmacological Screening of 1-p-Nitrobenzoyl (3-Pyrrolidino-2-Hydroxy Propyloximino) Indole-2, 3-Dione for its Antidepressant Activity, S.K. Sahu, **S.K. Mishra**, D.M. Kar, P.K. Panda, P.K. Misro, J. Curr. Sci., 3(1), 141-144 (2003).

115. Synthesis and Biological Activities of some 2-Aryl-4, 5- Disubstituted Imidazoles, **S.K. Mishra**, S.K. Sahu, S.P. Pattanayak, G.C. Pradhan, C.S. Panda, J.T.R. Chem., 10(2), 38-41 (2003).

Book Chapter published: 02

1. "Ethno-Medico-Botany of Juang Tribe of Kendujhar District in Odisha" in an Edited Book "Social, Cultural and Health Issues of the Juang" (2023)
ISBN: 978-93-91642-08-2
Publisher: Maya Publishing House, New Delhi-110086.
2. "Ancient History of Medicine: An Overview" in an Edited Book "Indian Culture, Science and Technology through the Ages (With Special Emphasis on Odisha)" (2011)
ISBN: 81-89726-57-7
Publisher: Gyanajuga Publication, Bhubaneswar, Odisha.

Conference Publications (Published in proceedings/ Presented):

Published in proceedings

1. Heart Diseases – An Ayurvedic Perspective, O.P. Rout, R. Acharya, **S.K. Mishra**, National Seminar on Preventive Cardiology in Ayurveda held at Rashtriya Ayurveda Vidyapeeth, National Academy of Ayurveda, New Delhi, on March 13-14, 2010, 223- 232.
2. Revitalizing Traditional Herbal Therapy by Exploring Medicinal Plants used for Jaundice: A Case Study of Gandhamardana Hill Range, Orissa, O.P. Rout, R. Acharya, **S.K. Mishra**, UGC-Sponsored National Seminar on Ethno Botany (Medicinal Plants) held at Department of Botany, Rairangpur College, Mayurbhanj, Odisha, on February 26-27, 2010, 81-92.
3. Marker profiling of Guggulu, (*Commiphora mukul*) the hypolipidemic agent in Indian System of Medicine, R. Acharya, O.P. Rout, **S.K. Mishra**, National Seminar on Guggulu held at National Institute of Ayurveda, Jaipur, Rajasthan, on November 17-19, 2007, 01-07.
4. Antimicrobial Activities of some newly synthesized 4-Thiazolidinones, R. Mohapatra, **S.K. Mishra**, S.K. Sahu, P.K. Sahoo, 7th Orissa Bigyan Congress held at P.G Department of Botany, Utkal University, Bhubaneswar, Odisha, on November 9, 2003, 136-138.

Presented

1. 12th International Congress of Ethnopharmacology on “Traditional Medicine and Globalization – The Future of Ancient Systems of Medicine” held on February 17-19, 2012, at Kolkata.
Topic: Pharmacognostical Studies of the Stem Bark of *Diospyros tomentosa* Roxb
2. 5th International Herbal day and an Exhibition-cum-Workshop on “Indigenous herbs-an approach to ISM” held on March 22, 2001 at Bhubaneswar.
Topic: Comparative Pharmacognostical, Phytochemical and Microbiological studies on the two species of Berberidaceae family in Nilgiris
3. International Conference jointly organized by 50th Indian Pharmaceutical Congress and 17th Asian Congress of Pharmaceutical Sciences held on December 10-13, 1998 at Mumbai.
Topic: Pharmacognostical, Phytochemical and Pharmacological Studies on *Bryonopsis laciniosa* (Linn) naud

Refresher Course/ Training Programme/ Workshop attended:

1. Two weeks online Faculty Development Program (APTI-IPA Odisha MOOCs FDP2020) jointly organized by Association of Pharmaceutical Teachers of India and Indian Pharmaceutical Association, Odisha state Branch. (Dt.10.08.2020 to 24.08.2020)
2. e-Faculty Advancement Initiative on the topic “Road Ahead, Scope of Online Teaching Advancement” organized by Association of Pharmaceutical Teachers of India (APTI) Odisha Branch in association with APTI Central. (Dt.26.05.2020 to 29.05.2020)
3. One day Workshop during APTICON Odisha 2017 organized by Association of Pharmaceutical Teachers’ of India, Odisha State Branch in association with Utkal University at

Bhubaneswar on “Modernisation of Teaching Methodology: A Need of the Hour” on 19th March, 2017.

4. UGC Refresher Course on “Recent Advances in Pharmaceutical Sciences” at Academic Staff College, Utkal University, Vani Vihar, Bhubaneswar. (Dt.10/08/2011 to Dt.30/08/2011)

5. Two days National Workshop organized by School of Natural Product Studies, Jadavpur University, Kolkata on “Developing Quality Monographs for Pharmacopoeia for Herbs and Herbal Products” on January 16-17, 2010.

6. AICTE Quality Improvement Programme on “Recent Trends in Herbal Drug Research” at Department of Pharmaceutical Sciences, Birla Institute of Technology, Mesra, Ranchi. (Dt.02/06/2007 to Dt.15/06/2007)

7. UGC Refresher Course on “Pharmaceutical Sciences” at Department of Pharmacy, Annamalai University, Annamalai Nagar, Tamilnadu. (Dt.10/06/2002 to Dt.30/06/2002)

8. Training Course on “High Performance Thin Layer Chromatography (HPTLC)” at Anchrom Enterprises (I) P. Ltd. Mumbai-400081. (Dt.26/10/1998 to Dt.31/10/1998)

Invited talks delivered:

1. 22nd Indo-US International Conference on “Global Advance & Challenge in Pharmacology & Pharmaceutical Sciences” organized by College of Pharmaceutical Sciences, Puri on Dt. 24.12.2022.

2. Student Development Program on “Current Trends in Herbal Drugs & Nutraceuticals” organized by Jeypore College of Pharmacy, Jeypore on Dt. 10.12.2022.

3. International Conference on “Bioresources of our Environment: Utilization and Conservation” organized by Centurian University of Technology & Management, Bhubaneswar on Dt. 30.03.2022.

4. Seminar on “Recent Approaches of Drug Development from Plants” organized by Department of Pharmacy, Government Polytechnic, Bhubaneswar on Dt. 12.01.2019.

5. National Seminar on “Traditional knowledge and Biodiversity of Chhattisgarh” organized by Royal College of Pharmacy, Raipur on Dt. 5.03.2016.

6. Zoology & Life Sciences Seminar on “Recent Approaches on Drug Development from Plants” organized by Rama Devi Women’s University, Bhubaneswar on Dt. 20.01.2016.

7. National Seminar on “Future aspects and challenges in Pharmaceutical Technologies” organized by Shambhunath Institute of Pharmacy, Allahabad on Dt. 14.02.2015.

8. Interdisciplinary Seminar on “Drug Development from Plants” organized by Department of Botany, Salipur College, Salipur on Dt. 15.10.2014.

9. National Seminar on “Biotechnological Approaches for Conservation & Utilization of Medicinal & Aromatic Plants” organized by P. G. Department of Botany, Utkal University, Bhubaneswar on Dt. 25.03.2014.

10. National Seminar on “Research and Development relating to Medicinal Plants” organized by Trident Academy of Technology, Bhubaneswar on Dt. 30.05.2012.

11. Re-Orientation Training Programme in the Subject of Homoeopathic Pharmacy on “Identification of Plants” organized by Dr. Abhin Chandra Homoeopathic Medical College & Hospital, Bhubaneswar on Dt. 18.08.2009.

12. Seminar on the topic “Basic metabolic pathways & origin of secondary metabolites” organized by IMT Pharmacy College, Puri on Dt. 20.03.2008.

Scientific Session Chaired:

1. National Conclave on “Ethnopharmacology- Translational Perspective Towards Modern Medicine” organized by DBT- Institute of Life Sciences, Bhubaneswar in collaboration with Society for Ethnopharmacology, Bhubaneswar Local Chapter on November 17-18, 2022.

2. International Conference on “Bioresources of our Environment: Utilization and Conservation” organized by Centurian University of Technology & Management, Bhubaneswar on March 28-30, 2022.

3. AICTE sponsored e-Conference on “Advancing Drug Discovery, Development and Therapy with Research Informatics” organized by Institute of Pharmacy & Technology, Salipur on October 26, 2021.

4. Online Faculty Development Program (eFDP) on “National Education Policy 2020 to strengthen the Roles of Pharmacy Teachers, Students & Research Scholars” organized by College of Pharmaceutical Sciences, Puri on September 25- 27, 2020.

5. 3rd Pharm. Tech. IAPST International conference on “Molecular Mechanism of Diseases and Novel Therapeutic Approaches” organized by School of Pharmacy and Life Sciences, Centurian University of Technology & Management, Bhubaneswar in collaboration with IAPST, Kolkata on January 19-20, 2019.

6. 12th International Congress of Ethnopharmacology on “Traditional Medicine and Globalization – The Future of Ancient Systems of Medicine” held at Science City, Kolkata on February 17-19, 2012.

7. National Conference on “Emerging Trends in Natural Product Research” organized by School of Natural Product Studies, Jadavpur University, Kolkata on February 12-13, 2011.

Conference/ Workshop/ Seminar organized:

1. Joint Organizing Secretary of the National Conclave on “Ethnopharmacology- Translational Perspective Towards Modern Medicine” organized by DBT- Institute of Life Sciences, Bhubaneswar in collaboration with Society for Ethnopharmacology, Bhubaneswar Local Chapter from Dt. 17.11.2022 to 18.11.2022.
2. Co-Convenor of the International Conference on “Nanomedicine in Diagnostics & Theranostics in Cancer” organized by University Department of Pharmaceutical Sciences, Utkal University, Bhubaneswar from Dt. 09.03.2018 to 11.03.2018.
3. Organizing Secretary of the Conference on “Pharmaceutical Education and Industrialization in Odisha- Scope and Challenges” organized by Association of Pharmaceutical Teachers’ of India, Odisha state branch at Utkal University, Bhubaneswar on Dt. 13.09.2015.
4. Organizing Secretary of the Training Workshop on “Science & Technology Communication for Journalists & Writers” with financial assistance from NCSTC, Department of Science & Technology, Govt. of India, New Delhi from Dt. 04.06.2014 to 7.06.2014 at Pantha Nivas, Bhubaneswar.
5. Treasurer of National Seminar on “Perspective of Pharmaceutical Research in Post WTO Era” organized by University Department of Pharmaceutical Sciences, Utkal University, Bhubaneswar from Dt. 25.07.2005 to 31.07.2005.
6. Treasurer of National Seminar on “Recent Advances in Clinical Trial and Therapeutic Drug Monitoring” organized by University Department of Pharmaceutical Sciences, Utkal University, Bhubaneswar from Dt. 23.03.2002 to 24.03.2002.

Administrative experience:

1. Coordinator of University Department of Pharmaceutical Sciences (UDPS), Utkal University w.e.f. Date: 17/09/2021.
2. Assistant Superintendent of Gents’ Hostel - IV, Utkal University from Date: 25/11/2005 to 01/07/2010.

Chairman/ Member of various committees:

1. Chairman, Board of Moderation & Conducting Board (Pharmacy) of Utkal University.
2. Member, Board of Studies in Pharmacy of Utkal University and Berhampur University.
3. Member, DRC in Pharmacy of Utkal University.

Expert Member:

1. Doctoral Scrutiny Council, BPUT, Odisha.
2. Pre-Enrollment Interview for enrollment into Ph.D programme of BPUT, Odisha.
3. Academic Audit of various institutions under BPUT, Odisha.
4. Assessment and selection of research project proposals under seed funding of OURIIP-2020 of Odisha State Higher Education Council, Higher Education Department, Government of Odisha.
5. Selection of Teachers in Berhampur University and various institutions under BPUT, Odisha.
6. Selection of JRF/ SRF in Sikshya 'O' Anusandhan University and Regional Plant Resource Centre, Bhubaneswar.

Examiner of various Universities:

- Ph.D Examiner of JSS University, Mysore; Andhra University, Visakhapatnam; Suresh Gyan Vihar University, Jaipur, Rajasthan.
- Examiner of B.Pharm. & M.Pharm. Examinations of BPUT, Odisha, Tripura University, Sikshya 'O' Anusandhan University and Centurian University of Technology & Management, Bhubaneswar.

Member of Professional Bodies:

- Society for Ethnopharmacology, Bhubaneswar Local Chapter
- Association of Pharmacy Professionals, India
- Orissa Botanical Society
- Association of Pharmaceutical Teachers' of India
- Utkal University Teachers' Association
- Registered Pharmacist, Orissa Pharmacy Council (Registered Number-4508)

Awards/ Honors Received:

- Received the best research papers award (Dr. P. D. Sethi Annual Award-2013) on "Application of TLC/HPTLC in Pharma, Herbal and other Chemical Analysis" which was awarded to the research paper entitled "Development of a sensitive HPTLC method for quantification of Nimbolide in *Azadirachta indica* and its dosage form" published in Journal of Chromatographic Science.

- Received the best teacher award during Odisha Technological Conclave-2018 organized by Ever Green Forum on the eve of Engineers' Day on 15th September 2018 at Bhubaneswar.

Other Informations:

- Associate Editor of the Journal: Pharmaceutical and Biological Evaluations.
- Reviewer of the Journals: Comparative Clinical Pathology, Asian Pacific Journal of Tropical Biomedicine, Journal of Planar Chromatography - Modern TLC, Indian Journal of Natural Products and Resources.
- Member of the Advisory Committee of Association of Pharmaceutical Teachers' of India, Odisha state branch.
- Participated as Expert in Doordarshan and All India Radio programme.