

Dr. Sanjeet Kumar

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WORK EXPERIENCES

January 2009 to August 2009: 8 months as a Project Trainee, Regional Plant Resource Centre, Bhubaneswar

“Urban Plant diversity, NTFP collection in Similipal Biosphere Reserve, Odisha and leafy vegetables of tribal communities of Similipal Biosphere Reserve”

October 2009 to April 2011: 07 months as a Research Trainee, National Bureau of Plant Genetic Resource (NBPGR), Cuttack, Odisha

“Collection of tuberous plants from the different forest patches of Odisha and documentation of tribal skills on them”

May 2011 to March 2012: 10 months as Junior Project Fellow (JPF), Regional Institute of Education, Bhubaneswar.

Project entitled “A Critical Study of the Four Year Integrated B. Sc.B.Ed. Programme of Regional Institute of Education: Structure, Curriculum and Implications”

April 2012 to June 2014: 2 years 2 months as PhD research scholar, Dept. of Botany, Ravenshaw University, Cuttack

Project entitled “Study of Ethnobotany, Nutritional and Anti-microbial values of Dioscorea species collected from Similipal Biosphere Reserve Forest, Odisha”

July 2014 to March 2015: 09 months as Senior Research Scholar, Regional Plant Resource Centre, Bhubaneswar

Project entitled “Population inventory, propagation and reintroduction of some rare, endangered and threatened plant species of Odisha “

July 2015 to September 2015: 02 months as Senior Research Fellow, National Institute of Technology, Rourkela, Odisha

Project entitled “Study on Biodiversity of M/s Unchabali Iron & Min. Mines of Smt Indrani Patnaik, Keonjhar, Odisha”

September 2017 to July 2018: 10 months as Research Associate, Institute of Bioresources and Sustainable Development, Department of Biotechnology, Govt. of India, Imphal, Manipur, India

Project entitled “Orchid Bioresources of the North East India- Conservation, database development and information networking”

December 2011 to till date: *French faculty, Orissa computer Application Centre, Govt. Of Odisha.*

August 2018 to till date: CEO, Ambika Prasad Research Foundation, Bhubaneswar, Odisha

MEMBERS

- Odisha Botanical Society (Life Member)
 - Emerging Science (Life Member)
 - Plant Lover Association (Life Member)
 - IRED (Institute of Research Engineers and Doctors), Associate Members(AM10100052237)
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ORGANISER

- **Organizer of Training Programmes:** About 300 sessions were taken to create awareness programme on Biodiversity Conservation, Medicinal Plants & Plant diversity during May 2020 to June 2021.
- **Organizer of a Workshop:** Identification & Characterization of Medicinal flora & fauna and their interaction on 29th-30th December 2019 at Bhubaneswar, Odisha organized by Ambika Prasad Research Foundation, Odisha
- **Organizer:** Free training programme on medicinal plants of Odisha and extraction process on 16th-17th November 2019 at Bhubaneswar, Organised by Ambika Prasad Research Foundation, Odisha.
- **Organizer:** Free Training Programme on Medicinal plants and avifaunal diversity on 27th October 2019 at Bhubaneswar, Organised by Ambika Prasad Research Foundation, Odisha
- **Organizer:** Free training programme on medicinal orchid & their secondary metabolites on 7th-8th November 2019 at Bhubaneswar, Organised by Ambika Prasad Research Foundation, Odisha.
- **Coordinator:** 12th Kalinga Herbal Fair 2019 on 4th-8th November 2019 organized by State Medicinal Plants Board (SMPB), Odisha.
- **Organizer:** Free Training Programme on Biowealth of Odisha on 25th October 2019 at Bhubaneswar, Organised by Ambika Prasad Research Foundation, Odisha.

- **Organizer:** Free Training Programme on Medicinal plants in Field (Khandagiri, Bhubaneswar) on 20th October 2019 at Bhubaneswar, Organised by Ambika Prasad Research Foundation, Odisha.
- **Organizer:** Free Training Programme on Carnivorous plants on 18th October 2019 at Bhubaneswar, Organised by Ambika Prasad Research Foundation, Odisha.
- **Organizer:** Free Training Programme on Moraceae on 14th September 2019 at Bhubaneswar, Organised by Ambika Prasad Research Foundation, Odisha.
- **Convener & Organizer:** National Seminar on “Indigenous knowledge & Conservation of Threatened Medicinal Plants” on 30th-31st August 2019 at Bhubaneswar organized by Ambika Prasad Research Foundation, Odisha in association with National Medicinal Plants Board (NMPB), Ministry of AYUSH, New Delhi.
- **Organizer:** Free Training Programme on Medicinal plants & Taxonomy in field (Dhauri areas and Daya river areas of Bhubaneswar) on 31st July 2019 at Bhubaneswar, Organised by Ambika Prasad Research Foundation, Odisha.
- **Organizer:** Free Awareness cum training programme on Biodiversity & Medicinal plants on 18th July 2019 at Deb Ray College, Bhubaneswar, Organised by Ambika Prasad Research Foundation, Odisha.
- **Organizer of a Workshop:** Identification and characterization of floral & faunal species & methods for the evaluation of their pharmacological values on 22nd-23rd April 2019 at Bhubaneswar, Odisha organized by Ambika Prasad Research Foundation, Odisha
- **Organizer of a Workshop:** Orchid identification, field botany & relation with flora and avifauna” on 25th-26th December 2018 at Bhubaneswar, Odisha organized by Ambika Prasad Research Foundation, Odisha
- **Convener & Organizer:** National Seminar on “Importance of Sacred Groves for the Conservation of Medicinal Plants and Biodiversity” on 7th January 2018 at Cuttack, Odisha organized by Ambika Prasad Research Foundation, Odisha in association with National Medicinal Plants Board (NMPB), Ministry of AYUSH, New Delhi.

HONORARY POSITIONS

1. Scientific Advisor, Shree Gopaljew Trust, Bhubaneswar
2. Zonal Head, Sustainable Biodiversity Management Committee, Odisha Wildlife Hub, Bhubaneswar

EDUCATION

2016: PhD in Biotechnology (Microbiology specialization), Ravenshaw University, Cuttack, India

“Study of ethnobotany, nutritional and anti-microbial values of *Dioscorea* species collected from Similipal Biosphere Reserve forest”

2009: M.Sc. (Biotechnology; Specialization- Microbiology), 1st (72 %)

IMAGE College (Utkal University), Bhubaneswar

Project entitled “*Estimation and comparison of total free amino acid among wild and cultivated Amaranthus species*”

PROFESSIONAL QUALIFICATION IN FRENCH

- DELF – A1
- DELF – A2
- DELF – B1 (n° de candidat : **091033-001332**, fait à Sèvres, le 07/11/2011)
- DELF – B2-2

EDITOR / EDITORIAL BOARD

1. Managing Editor, Journal of Biodiversity and Conservation
2. Managing Editor, Asian Journal of Plant and Animal Taxonomy
3. Editor, IntechOpen Publisher, London, UK
4. Editor, Acta Scientific-Medical Sciences

BOOKS

1. **Sanjeet Kumar**. (2021). Endangered Plants. IntechOpen, London, United Kingdom. ISBN: 978-1-83962-893-1.
2. Rajkumari Supriya Devi, **Sanjeet Kumar**, Rim Samir Hamdy and Agatha Sylvia Khalkho. (2021). Medico-Biowealth of India, Volume-II. ISBN: 978-81-952750-2-1.
3. Soumya Gupta and **Sanjeet Kumar**. (2021). Medicinally Important Biological Controller for Water Pollution. APRF Publisher, Odisha, India. ISBN: 978-81-952750-3-8.
4. Sweta Mishra and **Sanjeet Kumar**. (2020). SUNDEWS. APRF Publishers, Odisha, India. ISBN: 978194566717.
5. Susanta Kumar Biswal and **Sanjeet Kumar**. (2020). Medico-Biowealth of Odisha, Volume-II. APRF Publisher, Odisha, India. ISBN: 978-81-945667-6-2.
6. Rajkumari Supriya Devi, Sakti Kanta Rath and **Sanjeet Kumar**. (2020). Medico-Biowealth of India, Volume-I. APRF Publisher, Odisha. ISBN: 978-81-945667-4-8.

7. Sweta Mishra, Rajkumari Supriya Devi and **Sanjeet Kumar**. (2020). Introduction to cultivation & uses of medicinal plants. APRF Publisher, Odisha. ISBN: 978-81-945667-2-4.
8. Kiran Kanhar, Arun Kumar Mishra and **Sanjeet Kumar**. (2020). Ethnomedicinal plants against diarrhea: a medico-bio aspect of Kandha. APRF Publisher, Odisha. ISBN: 978-81-945667-0-0.
9. Sweta Mishra and **Sanjeet Kumar**. (2020). UDHVIDA. APRF Publishers, Bhubaneswar. ISBN: 978-81-9388619-9.
10. Sudam Chandra Sahu and **Sanjeet Kumar**. (2019). Diversity and Ecology of Invasive Plants. IntechOpen. London, United Kingdom. ISBN: 978-1-83968-351-0.
11. Sanghamitra Acharya, **Sanjeet Kumar**, Sakti Kanta Rath. (2019). Indian Giant Squirrel (*Ratufa indica* Erxleben, 1777). APRF Publishers, Bhubaneswar. ISBN: 978-81-938861-7-5.
12. JK Patra, G Das, **Sanjeet Kumar** and HN Thatoi. (2019). Ethnopharmacology and Biodiversity of Medicinal Plants. APPLE ACADEMIC PRESS.
13. **Sanjeet Kumar**, S. K. Biswal, Sweta Mishra, Nihar R Singh, Padmapriya Balakrishnan, Naresh K Kumawat and Nabin K Dhal. (2019). Medico-Biowealth of Odisha. APRF Publishers, Bhubaneswar. ISBN: 978-81-938861-4-4.
14. **Sanjeet Kumar**, Padma Mahanti, Padmapriya Balakrishnan and Nabin Kumar Dhal. (2018). Mahanadi: Hub of medicinal plants and associate taxa. APRF Publisher & National Medicinal Plants Board, New Delhi. Pp-100.
15. Sudam K Sahu, **Sanjeet Kumar**, Nihar Ranjan Singh. (2018). Parasitic Plants of Odisha. APRF Publisher. ISBN: 978-81-935702-3-4
16. **Sanjeet Kumar** and Prakash Kumar Tripathy. (2017). Wild cucurbits: source of traditional therapeutic systems & medicine. LAMBART Academic Publishing. Pp-102.

PUBLICATIONS

1. Sweta Mishra, Subhadarshini Satapathy, Arun Kumar Mishra, Ramakanta Majhi, Rajkumari Supriya Devi, Sugimani Marandi and **Sanjeet Kumar**. (2021). *Utricularia australis* R. Br. (Lentibulariaceae): an addition to the carnivorous plants of Odisha, India. Species. 22(69): 130-133.
2. A. Sahoo, R. Choudhury, RS Devi, Sachin Kumar, S. Pradhan, SK Biswal and **Sanjeet Kumar** (2021). Evaluation of medicinal potential and antibacterial activity

of selected plants against *Streptococcus mutans*. Acta Fytotechnica et Zootechnica. 24(1): 9-15.

3. M. Mohanty, R. Choudhury, **Sanjeet Kumar** and R. Maggirwar. (2021). Phytochemical screening and antibacterial activity of *Dioscorea bulbifera* L. fruits. Plant Archive. 21(9): 862-86.
4. Sweta Mishra and **Sanjeet Kumar**. (2021). Medicinal carnivorous plants of Odisha: a source of future drugs. Medico-Biowealth of India, Volume-II. ISBN: 978-81-952750-2-1.
5. Sanath Kumar N and **Sanjeet Kumar**. (2021). Taxonomic note on *Luisia zeylanica* (Orchidaceae) from Bonai Forest Division, Odisha, India. Richardiana. 5: 142-147.
6. **Sanjeet Kumar**, Sweta Mishra and Arun Kumar Mishra. (2021). Diversity of orchid species of Odisha state, India. With notes on the medicinal and economic uses. Richardiana. 5: 1-26.
7. Sweta Mishra and **Sanjeet Kumar**. (2021). *Dioscorea dumetorum* (Kunth) T. Durand & H. Schinz.: A new addition to the flora of India. Species. 22(69): 84-88.
8. Arun Kumar Mishra, Rajkumari Supriya Devi, Sweta Mishra and **Sanjeet Kumar**. (2021). *Macrosolen capitellatus* (Wight & Arn) Danser (Loranthaceae): New addition to the flora of Odisha, India. Species. 22(69): 67-70.
9. Rajkumari Supriya Devi, MP Sahoo and **Sanjeet Kumar**. (2021). *Bonnaya veronicifolia* (Retz.) Spreng. (Linderniaceae): A new distributional record from Odisha, India. Species 22(69): 10-14.
10. Mohini Kanti Das, Prabhat Kumar Das, **Sanjeet Kumar** & Nihar Ranjan Singh. (2020). Flora of Khandagiri & Udayagiri, an urban heritage of Odisha. Indian Forester. 146(6): 509-518.
11. **Sanjeet Kumar** & Rajkumari Supriya Devi. (2020). *Strobilanthes affinis* (Acanthaceae): a new addition to the flora of Manipur, India. Journal of Threatened Taxa. 12(17): 17366-17369.
12. Padma Mahanti, Smita Mishra Panda and **Sanjeet Kumar**. (2020). Wildlife diseases management: a case study from Periyar Tiger Reserve, Kerala, India. Acta Fytotechnica et Zootechnica. 24(1): 44-46.
13. Falguni Behera, Rajkumari Supriya Devi, Alka Sanghmitra and **Sanjeet Kumar**. (2020). Food plants assessment of Asian Elephant (*Elephas maximus* Linnaeus, 1758) in Dhenkanal district of Odisha, India: Tools for mitigation of Human-Elephant Conflict. NeBIO. 11(2): 117-124.
14. Yasaswinee Rout, Falguni Behera, **Sanjeet Kumar**, Malay P Sahoo and Rajkumari Supriya Devi. (2020). Mushroom diversity of Dhenkanal district, Odisha, India: source of alternative foods and medicines. European Journal of Medicinal Plants. 31(7): 33-41.

15. Santwana Sasmilita Dash, Rajkumari Supriya Devi and **Sanjeet Kumar**. (2020). Bamboos of Odisha: Socio-Medico-Economic food wealth. *Journal of Biodiversity and Conservation*. 4(1): 253-262.
16. Rajkumari Supriya Devi, , Sweta Mishra, Sanjeet Kumar, Sugimani Marandi, Sabeela Beevi Ummalyma, Prabhat K Das, Nabin Kumar Dhal and Samarendra N Mallick. (2019). *Zeuxine flava* (Orchidaceae): a new addition to the flora of Manipur. *NeBIO*. 10(4): 242-245.
17. SN Mallick, PK Das, **Sanjeet Kumar** and Baman C Acharya. (2019). A preliminary survey of phytodiversity of weeds from Rourkela Steel City, Sundargarh, Odisha, India. *Biological Forum*. 11(2): 01-06.
18. Rajkumari Supriya Devi, Sujata Rani Swain, Sakti Kanta Rath, **Sanjeet Kumar** and Nabin K Dhal. (2019). *Coelogyne fimbriata* Lindl. var *burmanensis* Kumar: a new orchid species from Manipur, India. *I3 Biodiversity*.6:1-5.
19. P. Anasuya Swarna Bharati, Madhusmita Behera, Kalpana Naik, Biswasini Priyadarshini, Snigdha Rani Raita, Lalata Keshari Kadraka, Surya Prasad and **Sanjeet Kumar**. (2019). Indigenous Fishes of Odisha. *Journal of Biodiversity and Conservation*. 3(1):211-216.
20. Tanty K, Swain SR, Devi RS and **Kumar S**. (2019). New foods in the diet of orange breasted green pigeon (*Treron bicinctus* Jerdon, 1840). *I3 Biodiversity*. 1: 103.
21. **Sanjeet Kumar**, PD Singh, HS Devi, B. Thongam, BG Somkuwar and SS Thorat. (2018). *Cymbidium dayanum* and *Cymbidium sinense* (Orchidaceae): two new additions to the orchid wealth of Manipur, India. *Richardiana*. 2: 82-87.
22. S. Soren, **Sanjeet Kumar**, Sanjibni Mishra, P. K. Jena, S. K. Verma and P. Parhi. (2018). Evaluation of antibacterial and antioxidant potential of the zinc oxide nanoparticles synthesized by aqueous and polyol method. *Microbial Pathogenesis*. DOI: 10.1016/j.micpath.2018.03.048.
23. **Sanjeet Kumar**, PD Singh, RK Labala, LA Singh and SS Thorat. (2018). Medicinal Plant Diversity in Urban Areas. *Ethnopharmacology and Biodiversity of Medicinal Plants*. APPLE ACADEMIC PRESS.
24. **Sanjeet Kumar**, Padma Mahanti, Gitishree Das and JK Patra. (2018). Ethnopharmacological properties of some threatened medicinal plants. *Ethnopharmacology and Biodiversity of Medicinal Plants*. APPLE ACADEMIC PRESS.
25. SB Ummalyma, RS Devi and **Sanjeet Kumar**. (2018). *Dioscorea hispida* Dennst. (Dioscoreaceae): a new addition to the state flora of Manipur, India. *Pleione*. 12(1): 147-149.
26. S Devi, S Chakroborty, **Sanjeet Kumar** and Nabin K Dhal. (2018). *Garcinia xanthochymus* Hook. F. Ex T. Anderson: An ethnobotanically important tree species of the Similipal Biosphere Reserve, India. *Ethnopharmacology and Biodiversity of Medicinal Plants*. APPLE ACADEMIC PRESS.
27. **Sanjeet Kumar**, Gitishree Das, Han-Seung Shin, Pradeep Kumar and Jayanta Kumar Patra. (2018). Diversity of plant species in the Steel City of Odisha, India: ethnobotany and implications for conservation of urban bio resources. *Brazilian Archives of Biology and Technology*. DOI.org/10.190/1678-4324-2018160650.
28. **Sanjeet Kumar** and SS Thorat. (2018). *Aeschynomene manipurensis*: A new species from Indo-Burma Biodiversity Hotspots. *Species*. 19: 23-25.

29. Th. Surbala Devi, P.D. Singh, B.G. Somkuwar, S.S. Thorat and **Sanjeet Kumar**. (2018). *Oberonia pachyrhachis* (Orchidaceae): a new addition to the flora of Manipur, India. *Richardiana*. 2: 1-7.
30. Padma Mahanti and **Sanjeet Kumar**. (2018). Human Wildlife Conflict: a case study in Kerala, India. *Journal of Biodiversity and Conservation*. 1(2): 42-52.
31. Padma Mahanti, Sunil S Thorat and **Sanjeet Kumar**. (2018). Phenology and key characters for the restoration of *Hypericum gaitii* Haines: a threatened plant species of Similipal Biosphere Reserve, Odisha, India. *Journal of Biodiversity and Conservation*. 1(2): 34-38.
32. Padma Mahanti, **Sanjeet Kumar** and JK Patra. (2017). Biosurfactants: An Agent to Keep Environment Clean. JK Patra et al. (eds.). *Microbial Biotechnology*. Springer Nature Singapore.. https://doi.org/10.1007/978-981-10-6847-8_18.
33. **Sanjeet Kumar**, Sunil S Thorat, Rajendra K Labala and JK Patra. (2017). Insectivorous plants of India: source of bioactive compounds to fight against antimicrobial resistance. JK Patra et al. (eds.). *Microbial Biotechnology*. Springer Nature Singapore Pte Ltd. https://doi.org/10.1007/978-981-10-7140-9_14.
34. **Sanjeet Kumar**, Padma Mahanti, Sakti K Rath and JK Patra. (2017). Qualitative phytochemical analysis and antibacterial activity of *Dioscorea alata* L.: a nutraceutical tuber crops of rural Odisha. *J Alt Med Res*. 3(1): 122-122.
35. Padma Mahanti and **Sanjeet Kumar**. (2017). Bio-wealth, biocleasning and anthropogenic activities on the two urban beaches of Trivandrum: Sankhmugam & Veli. *Climate Change*. 3(12): 852-860.
36. **Sanjeet Kumar**, Padma Mahanti, Nihar Ranjan Singh, Sakti Kant Rath, Padan Kumar Jena and Jayanta Kumar Patra.(2017). Antioxidant activity, antibacterial potential and characterization of active fraction of *Dioscorea pentaphylla* L. tuber extract collected from Similipal Biosphere Reserve, Odisha, India. *Brazilian Journal of Pharmaceutical Sciences*. DOI: 10.1590/s2175-97902017000417006.
37. **Sanjeet Kumar**, Gitishree Das, Han-Seung Shin and Jayanta Kumar Patra. (2017). *Dioscorea* spp.(a wild edible tuber): A study on its ethnopharmacological potential and traditional use by the tribal people of Similipal Biosphere Reserve, India. *Frontiers in Pharamcology*. 8:52: doi:10.3389/fphar.2017.0052.
38. **Sanjeet Kumar**, Gitishree Das, Han-Seung Shin, Pradeep Kumar and Jayanta Kumar Patra (2017) Evaluation of medicinal values of *Gymnopetalum chinense* (Lour.) Merr., a lesser known cucurbit from Eastern Ghats of India. *Brazilian Archives of Biology and Technology*. 60: 1-10.
39. **Sanjeet Kumar** and Padan Kumar Jena. (2017). Tools from Biodiversity: Wild Nutraceutical Plants. Ed: James N Furze et al.: *Identifying Frontier Research Integrating Mathematic Approaches to Diverse Systems / Sustainability*. Springer, Swittherland. DOI: 10.1007/978-3-319-43901-3-9.
40. **Sanjeet Kumar**. (2017). Yam (*Dioscorea* species): Future functional wild food of tribal Odisha, India. In *Frontiers in bioactive compounds*. Bentham Science Publishers Limited.
41. S. Chakroborthy, P. K. Dash, M. Kumari, M. A. Ofoeze, **Sanjeet Kumar*** and P. K. Jena. (2017) Pragmatic traditional uses and correlation with secondary metabolites: Scrutiny of chemical composition on selected wild cucurbits of Odisha, India. *Studium Press LLC, USA*. 101-116.

42. **Sanjeet Kumar**, G. Das and JK Patra. (2016). *Passiflora foitida* L.: an exotic ethnomedicinal plant of Odisha, India. *Journal of Pharma & Pharmaceutical Sciences*. 1(4): 7-9.
43. **Sanjeet Kumar** and Satabdi Mohanty. (2016). *Trema orientalis* fruits in the diet of Pale-capped pigeon *Columba punicea*. *Indian Bird*. 12(4-5): 147-148.
44. **Sanjeet Kumar**, G. Das and JK Patra. (2016). Thalkudi (*Centella asiatica* L.): A brain tonic among the rural and tribal communities of Odisha, India. *Journal of Alternative Medical Research*. 2(1): 112-14.
45. Padma Mahanti and **Sanjeet Kumar**. (2016). A checklist of avifaunal diversity of semi-urban areas of Cuttack, India: Implication on conservation and environmental studies. *International Research Journal of Environmental Sciences*. 5(7): 1-5.
46. P Murmu, **Sanjeet Kumar**, JK Patra, NR Singh and SK Rath. (2016). Ethnobotanical, Nutritional, Phytochemical and Antimicrobial studies of *Garcinia xanthochymus* fruit extracts. *British Biotechnology Journal*. 13(2): 1-11.
47. AS Dwibedy, A. Moharana, **Sanjeet Kumar**, S. K. Naik and D. P. Barik. (2015). Qualitative estimation of bioactive compounds and evaluation of antimicrobial activity of *Strychnos nux-vomica* L. leaf extracts. *Plant Science Research*. 37(1&2): 65-70.
48. **Sanjeet Kumar**. (2015). Life support plant species among aboriginals of Similipal Biosphere Reserve forest, Odisha: Diversity and Conservation. *International Journal of Biological Sciences and Engineering*. 6(2): 80-86.
49. Prakash Kumar Tripathy, **Sanjeet Kumar** and Padan Kumar Jena. (2015). Comparison of antibacterial activities of some selected wild cucurbits collected from Similipal Biosphere Reserve. *Plant Science Research*. 37(1&2): 18-23.
50. Sabita Nayak, Subhendu Chakroborty, Sujitlal Bhakta, Pravati Panda, Seetaram Mohapatra, **Sanjeet Kumar**, Padan Kumar Jena, Chandrasekhar Purohit. (2015). Design and synthesis of (E)-4-(2-Phenyl-2H-Chromine-3-yl)-but-3-en-2-ones and evaluation of their in vitro antimicrobial activity. *Letters in Organic Chemistry*. 12:1-7.
51. **Sanjeet Kumar**, Shakti Kant Rath and Padan Kumar Jena. (2015). Pita Aalu (*Dioscorea bulbifera* L.) of Simlipal Biosphere Reserve Forest: Diversity and ethnobotanical values with its role in Health Care. *INDUSTRIAL AND ENVIRONMENTAL BIOTECHNOLOGY* edited: Prof. Krishna Pramanik and Dr. Jayanta Kumar Patra, Department of Biotechnology & Medical Engineering, National Institute of Technology, Rourkela. Studium Press LLC, USA.
52. **S Kumar** and P K Jena. (2014). Chromatographic, antibacterial and FT-IR analysis of *Dioscorea pentaphylla* L. tuber extracts. *Plant Science Research*. 36 (1&2): 83-90.
53. **Sanjeet Kumar**, Anup Kumar Parida and Padan Kumar Jena. (2013). Ethno-Medico-Biology of Ban Aalu (*Dioscorea* species): a neglected tuber crops of Odisha, India. *International Journal of Pharmacy and Life Sciences*. 4(12): 3143-3150.
54. **Sanjeet Kumar**, K Jyotirmayee and Monalisa Sarangi. (2013). Thin Layer Chromatography: A tool of biotechnology for isolation of bioactive compounds from medicinal plants. *International Journal of Pharmaceutical Sciences Review and Research*. 18(1): 126-132.
55. **Sanjeet Kumar**, SP Behera and P K Jena. (2013). Validation of tribal claims on *Dioscorea pentaphylla* through phytochemical screening and evaluation of antibacterial activity. *Plant Science Research*. 35: 55-61.

56. R C Misra, **Sanjeet Kumar**, D R Pani and D C Bhandari. (2012). Empirical tribal claims and correlation with bioactive compounds: A study on *Celastrus paniculata* Willd., a vulnerable medicinal plant of Odisha. *Indian Journal of Traditional Knowledge*. 11(4): 615-622.
57. **Sanjeet Kumar**, Prakash Kumar Tripathy and Padan Kumar Jena. (2012). Study of wild edible plants among tribal groups of Simlipal Biosphere Reserve Forest, Odisha, India; with special reference to *Dioscorea* species. *International Journal of Biological Technology*. 3(1): 11-19.
58. **S Kumar**, P. K. Tripathy and P. K. Jena. (2012). Ethnobotany and bioactive compounds in leaf of *Bixa orellana* L. and its toxicity to *Artemia salina* L. *Plant Science Research*. 34(1&2): 93-96.
59. **Sanjeet Kumar** and Dhanalaxmi Dash. (2012). Flora of Nandan Kanan Sanctuary: Medicinal plants with their role in health care. *International Journal of Pharmacy & Life Sciences*. 3(4): 1631-1642.
60. **Sanjeet Kumar**, P K Jena, S Sabnam, M Kumari and P K Tripathy. (2012). Study of plants used against the skin diseases with special reference to *Cassia fistula* L. among the king (Dongaria Kandha) of Niyamgiri: a primitive tribe of Odisha, India. *International Journal of Drug Development and Research*. 4(2): 256-264.
61. **S. Kumar** and M K Satapathy. (2011). Medicinal plants in an urban environment; herbaceous medicinal flora from the campus of Regional Institute of Education, Bhubaneswar, Odisha. *International Journal of Pharmacy & Life Sciences*. 2(11): 1206-1210.
62. **Sanjeet Kumar** and Padan Kumar Jena. (2015). Natural dye-yielding plants of tribal Odisha. *Sabujima*. 23: 23-25.
63. **Sanjeet Kumar** and Padan Kumar Jena. (2014). Edible medicinal non-timber forest products from floral wealth of tribal Odisha. *Sabujima*. 22:41-44.
64. **Sanjeet Kumar** and M K Satapathy. (2011). Wetland rice cultivation: a major cause of global warming. 3(10): 15-18.

BEST AWARD FOR PRESENTATION

Sanjeet Kumar and Padan Kumar Jena. Validation of tribal claims on unexplored wild nutraceutical tuberous food Ban aalu (*Dioscorea* species) of Similipal Biosphere Reserve, Odisha through evaluation of antibacterial activity. UGC-DRS-SAP & DST, New Delhi sponsored national seminar on Medicinal plants (NSMP-2016), 2016.

A Moharana, **Sanjeet Kumar**, S K Naik, P K Jena and D P Barik. (2014). Phytochemical screening and antibacterial activity evaluation of *Lawsonia inermis* L. leaf extracts. 38th Annual Conference & National Conference on Conservation and Utilization of Aromatic and Medicinal Plants through Biotechnological Approaches, February 23-24. Cuttack, Odisha, India.

- Sanjeet Kumar, Miriam A. Ofoeze and Padan K Jena. (2015). Nutritional metabolite expression: future tools for wild functional foods from biodiversity. *National Conference on Biodiversity assessment, monitoring and conservation: Application of Biotechnological Tools*. 22nd & 23rd February. Regional Plant Resource Centre, Bhubaneswar, India.
- Shanti Prava Behera, Sanjeet Kumar, Sakti Kant Rath and Padan Kumar Jena. (2014). Diversity and medicinal properties of *Dioscorea bulbifera* L.: a valuable wild tuber crop of Similipal Biosphere Reserve forest, Odisha, India. Regional Science Congress on Innovation in science & technology for inclusive development. 27th to 28th January. KIIT University, Bhubaneswar, India.
- Sanjeet Kumar and Padan Kumar Jena. (2013). Wild Tuber Crops: option to fight against microbial resistance. *National Seminar on Biodiversity Conservation and Sustainable Development (BCST)*. 23rd to 24th February. Department of Botany, SKCG (Auto) College, Parlakhemundi, Gajapati, Odisha, India.
- Sanjeet Kumar, Prakash Kumar Tripathy and Padan Kumar Jena. (2012). Evaluation of nutritional and medicinal values of wild tuber crops (*Dioscorea* spp.) from Similipal Biosphere Reserve forest, Odisha, India. *P. Parija Memorial National Conference on Recent Advances in Plant Biotechnology*. 22nd to 23rd December. Department of Botany, Ravenshaw University, Cuttack, India.
- Sanjeet Kumar and N R Singh. (2013). Empirical Tribal Claims and Correlation with antimicrobial activity: a study on *Dioscorea puber* Bl. Enum. a medicinally important famine wild tuber crop of Similipal Biosphere reserve forest, Odisha. *National Conference on New Frontiers in Medicinal Plant Research & Special Meeting on Medicinal Plants for Livelihood Security and Community Empowerment in Eastern Himalayas*. 3rd to 5th October. Sikkim University, Gangtok.
- Sanjeet Kumar, Nihar Ranjan Singh, Shanti Prava Behera, Shakti Kant Rath and Padan Kumar Jena. (2013). *Dioscorea* species: sources of saponin derived anti-inflammatory drugs to fight against complex regional pain syndrome. International Conference on Neurosciences. 6th November to 11th November. Department of Zoology, School of Life Sciences, Ravenshaw University, Cuttack.

Sanjeet Kumar, Shanti Prava Behera, Nihar Ranjan Singh, Sakti Kant Rath and Padan Kumar Jena. (2013). Fight against AMR with desolate wealth *Dioscorea pentaphylla* L.: an unexplored wild medicinal food plant of Similipal Biosphere Reserve forest, Odisha, India. International conference on conserving biodiversity for sustainable development. 16th to 18th August, Department of Biotechnology and Medical Engineering, National Institute of Technology, Odisha, India.

LANGUAGES KNOWN

Hindi, Odiya, English and French

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