

Larambha College, Larambha

NAME AND DESIGNATION

Dr. Subodh Kumar Tripathy, (M.Sc., M.Phil, Ph.D.)
Lecturer in Zoology, Anchal College, Padampur,
Rajborasambar, Dist: Bargarh, Odisha-768036
Mob: +91-9439535406 e mail: sbskt04@rediffmail.com



Objectives

Teaching and research on genetic aspects of various organisms involving latest trends of molecular biology and biotechnology.

Popularization of biology among young minds with special reference to zoology/animal science, genetics, molecular biology and biotechnology

Personal Details

1. PERMANENT ADDRESS

Subodh Kumar Tripathy
S/o- Madhab Chandra Tripathy
At: Bhoipura, PO: Attabira, Dist: Bargarh, State: Odisha,
PIN: 768027, India, Phone: 066822-21846

2. PRESENT ADDRESS

Subodh Kumar Tripathy (MSc., MPhil., PhD.)
Lecturer-in-Zoology, Anchal College, Padampur
Near Purohit Kalyan Mandap, At: Shantinagar, Padampur
PO: Rajborasambar, Dist: Bargarh, 768036, Odisha, India,
Mob: +91-9439535406
E-mail: sbskt04@gmail.com/sbskt04@rediffmail.com/sbskt04@yahoo.co.in

Online credentials: Dr. Subodh Kumar Tripathy

URL: <https://livedna.org/91.7664>

ORCID id: <https://orcid.org/0000-0003-1512-2580>

Ocid login id: sbskt04@rediffmail.com

Researcher ID: https://www.researchgate.net/profile/Subodh_Kumar_Tripathy

LinkedIn: <https://www.linkedin.com/in/subodh-kumar-tripathy-49051899/?originalSubdomain=in>

3. PERSONAL DOSSIER

- | | | |
|---------------------------------------|---|--|
| A. Date of Birth | : | 14/07/1973 (Fourteenth July Nineteen Seventy three) |
| B. Passport Number | : | N3448386 |
| C. Voter ID No | : | LJQ6299580 |
| D. PAN No | : | ALKPT7520R |
| E. ADHAR CARD No | : | 989769608595 |
| F. Teacher's Registration Code | : | Registered Under Utkal University, Vanivihar, Odisha
(UU/9049/003406), Identity No: 11,107/16
Applied for registration to Sambalpur University
Vide Rev No: 209989/ dated: 24.06.2020 |
| G. Mother Name | : | Smt. Pramodini Tripathy |
| H. Father Name | : | Mr. Madhab Chandra Tripathy |
| I. Gender | : | Male |
| J. Nationality | : | Indian |
| K. Religion | : | Hindu |
| L. Community | : | General |
| M. Marital Status | : | Married |

N. Blood group : B⁺ve

O. Proficiency in languages:

	Read	Write	Speak
Odia	√	√	√
Hindi	√	√	√
English	√	√	√

4. EDUCATIONAL QUALIFICATION

Examination(s) Passed	Main Subjects	Year of Passing	Class/ Division	% of Marks	Boards/University
Matriculation	Math (Opt.)	1988	1 st Div	72.55	B.S.E., Odisha
Intermediate Science (+2 Sc)	Phy, Chem, Biol, Math	1990	1 st Div	62.22	C.H.S.E., Odisha
Graduation (B.Sc.)	Chem, Bot, Zool (Hons)	1993	1 st Div	65.12 (Distinction)	Sambalpur University, Odisha
Post Graduation (M.Sc.)	Life Sciences	1995	1 st Div	67.9	Sambalpur University, Odisha
M.Phil.	Life Sciences	1998	Awarded	63.0	Sambalpur University, Odisha
Ph.D.	Zoology	2007	Awarded	-	Dr. Bhim Rao Ambedkar University, Agra

5. RESEARCH AREA AND SPECIALIZATION

Qualification	Year	Title of the topic	Supervisor (s)	Name of Institution
Ph. D.	2007	“Studies on backcross, breeding of Indian major carps viz.- <i>Labeo rohita</i> (Ham.) and <i>Catla catla</i> (Ham.) and evaluating some of their genetic aspects”	Prof. (Dr). K. K. Gaur, Former Reader and Head, Department of Zoology, R.B.S College, Agra Dr. N. Sarangi, Former Director, Central Institute of Freshwater Aquaculture, Bhubaneswar.	Dr. Bhim Rao Ambedkar University, Agra
M.Phil.	1998	“Evaluation of genotoxic effect of petroleum vapour on pulmonary alveolar macrophase chromosomes of rats <i>Rattus norvegicus</i> (Charles-Foster strain).”	Dr. R. K Das Former Head, School of Life Sciences, Sambalpur University, Jyotivihar, Burla, Odisha	School of Life Sciences, Sambalpur University, Jyotivihar, Burla, Odisha
M.Sc.	1995	Specialization in Principles of Cytogenetics and Molecular Biology.	Dr. R. K Das Former Head, School of Life Sciences, Sambalpur University, Jyotivihar, Burla, Odisha	School of Life Sciences, Sambalpur University, Jyotivihar, Burla, Odisha
B.Sc.	1993	Zoology (Honours) Bot. and Chem. (Pass)	-	G. M. College, Sambalpur

PROFESSIONAL EXPERIENCES

Post Held	Name and Address of Employer	Date of Joining	Date of Leaving	Pay	Total Duration (Y/M/D)
Lecturer (Zoology)	Principal, Anchal College, Padampur, Dist Bargarh, Odisha, recruited by Department of Higher Education, Odisha through State Selection Board, Odisha	30 th Nov.2016	Cont.	Rs. 9,300/- to Rs. 34,800/- pm with grade pay Rs. 4,600/- Rs. 47,600/- (revised 7 th pay scale)	Contg.
Principal, Associate Professor and Head, Dept. of Biotechnology	Chairman, MITS School of Biotechnology, Bhubaneswar, Odisha	1 st Aug 2011	23 rd Nov.2016	Rs. 28,780/- (Consol.)	05/03/23
Lecturer in Biotechnology	Director, Trident Academy of Creative Technology, Bhubaneswar, Odisha	1 st July 2008	31 st July 2011.	Rs. 16, 550/- Consol.	03/00/00
Lecturer in Zoology	Principal, Kalyanpur College, Kalyanpur, Delanga, Puri, Odisha	May 2003	Oct 2003	Rs.1, 500/- pm (Consol.)	00/09/00
Lecturer in Zoology	Principal, L. N. College, Jharsuguda, Odisha against UGC Leave vacancy post	July 1997	March 1998	Rs.2,000/- pm basic (UGC)	00/08/00

6. RESEARCH EXPERIENCE

Name and Address of Employer	Date of Joining	Date of Leaving	Post Held	Pay	Total Duration Y/M/D
Principal Investigator, A. P. Cess fund project in Fish Genetics and Biotechnology Division, CIFA, Kaushalyaganga, Bhubaneswar	Dec 2004	Nov. 2007	Senior * Research Fellow	Rs.9,200/- (1 st and2 nd yr) Rs.10, 350/- (3 rd year)	03/00/00
* The project entitled “Molecular characterization of backcross population of Indian major carps viz. <i>Catla catla</i> (Ham.) and <i>Labeo rohita</i> (Ham.). The work involved isolation and purification of genomic DNA and screening by molecular markers like PCR-RAPD techniques as well as genotyping through microsatellites.					
Principal Investigator, A.P.Cess fund project in Fisheries Science Division, Central Agricultural Research Institute, Port Blair, South Andaman	June 1999	May 2002	Senior ** Research Fellow	Rs. 5, 375/- (1 st ad 2 nd yr) Rs. 6 ,020/- (3 rd year)	03/00/00
** The project entitled “Mono and polyculture of freshwater giant prawn <i>Macrobrachium rosenbergii</i> in rain-fed ponds of Andamans”. It involved culture and breeding of freshwater giant prawn <i>Macrobrachium rosenbergii</i> in rain-fed ponds of Andamans. During this period, I was also actively got					

engaged in regular breeding and culture programme of the Institute involving various generations of catla and rohu and their backcross progenies. Analyzed morphometry through generation mean analysis, karyomorphologies, isozyme profiles and PCR-RAPD markers of various generations of catla and rohu for partial fulfillment of the award of doctorate degree.

7. WEBINAR ATTENDED

Period	Title/Topic	Host Institute/ Organization
28 th November 2020	National Webinar on Future Prospects of Biotechnology in Industrial Sector	Department of Biotechnology, Chaudhary Bansi Lal University, Bhiwani
6 th November 2020	National Webinar on Wild life Conservation in India	SR &BGR Govt. Arts and Science College, Khammam, Telangana State
31 st October 2020	International Webinar on Covid-19: Pandemic	SR &BGR Govt. Arts and Science College, Khammam, Telangana State
12 th September 2020	National Webinar on Impact of Covid-19 Pandemic on Socio-Economic status	Anchal College, Padampur, Bargarh, Odisha

8. SEMINAR/TRAINING/CONFERENCE/WORKSHOP ATTENDED

Period	Training/Seminar	Host Institute/ Organization
19 th -23 rd August, 2025	National workshop on Ecological and Genetical Approach for conservation of Coastal diversity including Horseshoe crab.	Center for Research and Conservation of Indian Horse Shoe Crabs (CRCIHSC), Fakir Mohan University, Baleswar, 756089, Odisha, India.
9-10 th February, 2024	ICSSR sponsored interdisciplinary National Seminar on “National Education Policy 2020: Outcome based education.	Department of Education, Anchal College, Padampur, Dist: Bargarh, 768036
22 nd and 23 rd July, 2023	OHEPEE-IDP sponsored National Conference on “Past, Present and Future of Simlipal”	Centre for Simlipal Studies, Maharaja, Sri Ramchandra Bhanjdeo University, Formerly North Orissa University, Takhatpur, Baripada, 757003, Odisha
14 th to 18 th July 2023	OHEPEE-IDP sponsored one week short term course FDP (Faculty Development Programme) on “Trends in Wildlife and Biodiversity conservation”.	Department of Wildlife and Biodiversity Conservation, Maharaja, Sri Ramchandra Bhanjdeo University, Formerly North Orissa University, Takhatpur, Baripada, 757003, Odisha
20 th to 21 st Oct., 2022	Two Day Workshop on Recombinant Protein Purification and Protein Crystallography	Institute of Life Sciences, Bhubaneswar
7 th to 27 th Sept. 2019	39 th Orientation Programme	UGC-HRDC Sambalpur University
11 th Feb. 2016*****	Regional Seminar	MITS School of Biotechnology, BBSR
13 th Feb. 2015****	Regional Seminar	MITS School of Biotechnology, BBSR
12 th Sept. 2008***	Demonstration of Millipore instruments	Hotel Mayfair Lagoon, Bhubaneswar.
2 nd August 2008**	GMOs: facts, fakes and fantasies	Organized by CET, Imgenex and TACT at CET, BBSR
8 th to 12 th Nov. 2005*	7 th Indian Fisheries forum	Held in Bangalore
1 st to 15 th Dec. 2001	Fish Cytogenetics	Central Institute of Freshwater Aquaculture, Bhubaneswar
7 th to 27 th August 2000	Summer school training programme on Recent Advancements in Marine Biotechnology	Central Institute of Fisheries Education, Mumbai

21 st to 31 st Dec. 1999	Fish and Shellfish Nutrition	Central Institute of Freshwater Aquaculture, Bhubaneswar
*****Presented an abstract entitled “Sustainability in Aquaculture: A review” numbered as BCASD_ABS-02, pp 10 in the one day regional seminar on “Biotechnological and Computational Approach for Sustainable Development” held on 11th Feb. 2016, organized by Department of Biotechnology and Dept. of Computer Sciences of MITS School of Biotechnology at MITS Scholl of Biotechnology, Bhubaneswar. **** Presented an abstract entitled “Genotoxicity of Agrochemicals: A glimpse” numbered as EGTAC_ABS-04, pp 15 in the one day regional seminar on “Emerging green technologies and advances in computing” held on 13th Feb. 2015, organized by Department of Biotechnology and Dept. of Computer Sciences of MITS School of Biotechnology at MITS Scholl of Biotechnology, Bhubaneswar. *** Attended a seminar talk on demonstration of Millipore instruments by Mr. Krishna Kumar (Head, Technology Operation) on 12/09/2008 at Hotel Mayfair Lagoon, Bhubaneswar. ** Attended a Lecturer talk on Genetics and Biotechnology entitled “GMOs: facts, fakes and fantasies” a talk delivered by Dr. Bruce, N. Jassay (Germay) from USA organized by College for Engineering and Technology (CET), Imgenex India Private solution and Trident Academy of Creative Technology (TACT) at Conference Hall of CET on 2nd August 2008. * Presented a poster on “Revealing the genetic relationship between parent and backcross progenies of catla X rohu hybrids: An approach through tools of molecular biology”. BGB-46, pp. 90		

9. SUPERVISION OF M.SC. DISSERTATION WORKS*

Name of the student	Year	Title of thesis	Submitted to	Institution	Purpose of the thesis
Ms. Swapnabijayinee	January 2012 to June 2012.	Evaluation of genotoxicity induced by sub-lethal concentrations of endosulfan (ENDOIN 35- EC) on growing root tip cells of onion (<i>Allium cepa</i> L.) by chromosomal aberration (CA) studies	Utkal University, Vanivihar Odisha	MITS School of Biotechnology	M.Sc. Degree
Mr. Sradheya Patel	March 2013 to July 2013	Evaluation of genotoxicity of coal tar fabric dye Reactive Turquize Blue (Procion) on growing root tip cells of onion (<i>Allium cepa</i> L.) by chromosomal aberration (CA) studies	Utkal University, Vanivihar Odisha	MITS School of Biotechnology	M.Sc. Degree
Mr. D. Anand Rao	March 2013 to July 2013.	Assessing genotoxicity of food additive orange red dye i.e.- a mixture of caramosine and sunset yellow on growing root tip cells of onion (<i>Allium cepa</i> L.) by	Utkal University, Vanivihar Odisha	MITS School of Biotechnology	M.Sc. Degree

*Recognized as Research Co-Guide for PhD. in Life Science under Sambalpur University vide correspondence no: 03152/EG-III dated 31.08.21.

10. LIST OF PUBLICATIONS

Book Chapters

1. **Subodh Kumar Tripathy** (2023), Conservation of Biodiversity in Similipal Biosphere Reserve. In: Proceedings of National Conference on Past, Present and Future of Similipal (PPFS-2023) held by Centre for Similipal Studies (CSS), Sponsored by OHEPEE-IDP, Maharaja Sri Ram Chandra Bhanja Deo University, Baripada, Odisha, Chapter 11: pp. 211-226. ISBN:978-93-93620-94-1. DOI:10.28921/nrme.book.ppfs.2024.1.246. Edited by: Sahu, H.K., Rath, B., Mohanata, B.K. and Nayak, B.
2. **Subodh Kumar Tripathy** (2021), Biochemical Genetic Markers for Monitoring Aquatic Genotoxicity and Environmental Management: Since Five Decades. In: Ecology Research, Vol- I: pp.1-10. ISBN No: 978-93-88901-19-2. Edited by S. Bansode, V. Jayasinghpure, S. Humane, M. Kadam, S. Singh and S. A. Vhanalakar @ Bhumi Publishing, Nigave Khalasa, Kolhapur 416207, Maharashtra, India, website: www.bhumipublishing.com. Published on: 10th April 2021.
3. **Subodh Kumar Tripathy** (2021), Randomly Amplified Polymorphic DNA in Fish and Fishery. In: Frontiers in Life Sciences, Vol-I: pp. 65-86. ISBN: 978-81-951982-1-4. Edited by Dr. Tilottama B. Galande, Dr. Rajesh B. Desai, Dr. Rashmi Aji Jachak and Dr. Gyanendra Kumar @ Bhumi Publishing, Nigave Khalasa, Kolhapur 416207, Maharashtra, India. website: www.bhumipublishing.com. Published on: 29th July 2021.

International Publications

1. **Tripathy, S. K.** (2020). Significance of traditional and advanced morphometry to fishery science. **Journal of Human, Earth and Future**, 1 (3), September 2020: 153-166. ISSN: 2785-2997. doi: <http://dx.doi.org/10.28991/HEF-2020-01-03-05>. www.HEFjournal.org
2. **Tripathy, S. K.** (2020). An anthology of cytogenetic end points like micronucleus test, comet assay and chromosomal aberration assay in pisces. **International Journal of Agricultural and Natural Sciences**, 13(2):126-150. E-ISSN:2651-3617. <http://www.ijans.org/index.php/ijans/article/view/502>
3. **Tripathy, S. K. and Sarangi, N.** (2019). Developing backcross generations of Indian major carps viz. *Catla catla* (Ham.) and *Labeo rohita* (Ham.) by Induce breeding in captive conditions of bay islands. **Journal of Fisheries International**, 14 (2): 12-18. ISSN: 1817-3381, Medwell Publications: <http://medwelljournals.com>. doi:10.36478/jfish.2019.12.18, URL: <https://medwelljournals.com/abstract/?doi=jfish.2019.12.18>
4. **Tripathy, S. K.** (2018). Broad spectrum utilities of microsatellite in fish and fisheries. **Journal of Biotechnology Research**, 4 (6): 29-45. ISSN (e): 2413-3256, ISSN (p): 2413-8878, URL: <http://arpgweb.com/?ic=journal&journal=16&info=aims> Academic Research Publishing Group.
5. **Tripathy, S. K.** (2018), Esterase: The isozyme in fishes, **International Journal of Animal Husbandry and Veterinary Science**, July-Aug 2018, 3 (4): 32-36. ISSN (Online): 2455-8567.
6. Sethi, B. K, Satapathy, A. **Tripathy, S. K.**, Parida, S., Singdevsachan, S. K. and Behera, B. C. (2016). Production of ethanol and clarification of apple juice by pectinase enzyme produced from *Aspergillus terreus* NCFT 4269.10. **International Journal of Biological Research**, 4 (1) (2016): 67-73. ISSN: 2307-9029. Website: www.sciencepubco.Com/index.php/IJBR doi:10.14419/ijbr.v4i1.6134.
7. **Tripathy, S. K. and Sarangi, N.** (2016). Induce breeding to develop backcross generations of *Catla catla* (Ham.) and *Labeo rohita* (Ham.). **International Journal of Biology Research**, 1(2) May 2016:16-22. ISSN: 2455-6548, Impact Factor: RJIF 5.22. www.biotechjournals.com.

8. Sethi B. K., Dash, A.S.P., Satapathy, A., **Tripathy, S. K.**, Parida, S. and Behera, B.C. (2016). Production of Cellulase by *Aspergillus niger* NCFT 4263.10 using Agro waste as a Substrate. **International Journal of Biology Research**, 1 (2) May 2016; 23-27, ISSN: 2455-6548, Impact Factor: RJIF 5.22. www.biotechjournals.com.
9. Priyadarshini A., Singdevsachan, S.K., **Tripathy, S. K.**, Mohanta, Y.K., Patra, J.K. and Sethi B.K. (2016). Isolation and identification of Actinomycetes from mangrove soil and extraction of secondary metabolites for antibacterial activity. **British Biotechnology Journal**, 12 (02):01-13. Article no. BBJ. 24102, ISSN: 2231-2927 (p), NLMID: 101616695 [http : // dx. doi. Org / 10. 9734 / BBJ / 2016/24102](http://dx.doi.org/10.9734/BBJ/2016/24102).
10. **Tripathy S. K.** and Rao D.A. (2015). Mitotic aberrations (MA) induced by orange red (A food additive dye) as a potential genotoxicant on root tip cells of onion (*Allium cepa* L.). **International Food Research Journal**, 22 (1): 383-392. An online open access double blind peer review journal of University of Putra, Malaysia. ISSN: 1985-4688 (Print) and 2231-7546 (online). Impact factor: 0.662
11. **Tripathy S. K.** and Patel S. (2014). Abnormal mitosis in root meristem cells of *Allium cepa* L. induced by a fabric dye reactive turquoise blue (Procion MX). **African Journal of Biotechnology**, 17 September 2014, 13 (38): 3881-3891. An online open access Journal of Academic Group: <http://www.academicjournals.org/AJB>, DOI: 10.5897/AJB ,2014.13879, Number: 7C5F5C347604, ISSN: 1684-5315©2014. **Academic Journals**. Impact Factor: 0.57.
12. Meher, P.K., Sahoo, L., Patel, A., Jayasankar, P., **Tripathy, S. K.** and Das, P. (2014). "Can microsatellite markers replace PIT tags in rohu (*Labeo rohita* Hamilton, 1822) selective breeding programmes?" **Journal of Applied Ichthyology**, 30 (2014): 281-285. © 2014 **Blackwell Verlag GmbH**, ISSN 0175-8659, doi: 10.1111/jai.12395. Impact Factor: 0.905.
13. **Tripathy S. K.** and Sarangi N. (2014). Isozyme profile of esterases in backcrosses of *Catla catla* (Ham.) and *Labeo rohita* (Ham.). **Global Journal of Science Frontier Research: G, Bio-Tech & Genetics**, Volume XIV, Issue 1 Version 1.0 Year 2014: 9-14. Type: Double Blind Peer Reviewed International Research Journal, Publisher: Global Journals Inc. (USA), Online ISSN: 2249-4626 & Print ISSN: 0975-5896.
14. **Tripathy, S. K.**, Gaur, K.K. and Sarangi, N. (2013). Morphotypes vis-a-vis genetic parameters of *Catla catla* (Ham.) and *Labeo rohita* (Ham.) backcrosses. **African Journal of Biotechnology**, 4 September 2013, 12 (36): 5503-5512. An online open access Journal of Academic Group: <http://www.academicjournals.org/AJB>, doi: 10.5897/AJB 2012. 2943, ISSN 1684-5315©2013. **Academic Journals**. Impact Factor: 0.57.
15. **Tripathy, S. K.**, Bijayinnee, S., Samad, I. and Das, R.K. (2013). Endosulfan: A potential genotoxicant on onion root tip cells. **Journal of Agricultural Biotechnology and Sustainable Development**, February 2013, 5 (2): 29-35. An online open access journal of Academic Group: <http://www.academicjournals.org/JABSD>, doi: 10.5897/JABSD12.0001, ISSN 2141-2340, ©2013. Article Number: 285C4511933.
16. **Tripathy, S. K.**, Gaur, K.K. and Sarangi, N. (2012). Segregation of PCR-RAPD fragments in backcross generations of *Catla catla* (Ham.) and *Labeo rohita* (Ham.): a hereditary trend. **Life Science Bulletin**, 9(2) 2012: 245-247. ISSN: 0973-5453.
17. **Tripathy S. K.**, Gaur, K.K. and Sarangi, N. (2010). Cytogenetic characterization of B₁R and BC₁F₂ backcross progenies of *Catla catla* (Ham.) and *Labeo rohita* (Ham.). **Journal of Ecophysiology and Occupational Health**, 10 (1-2): 121-127. ISSN 0972-4397 (Print), 0974-0805 (Electronic), 0972-4397 (Linking). doi: 10.18311/jeoh/2010/18302.
18. **Tripathy S. K.**, Gaur, K.K. and Sarangi, N.(2010). Generation mean analysis for head and body morphometries of *Catla catla* (Ham.) and *Labeo rohita* (Ham) backcross progenies (B₁ and B₂), **National Journal of Life Sciences**, Winter 2010, 7 (2): 137-140. An International Biannual Journal of Life Sciences, ISSN 0972-995X.

National Publications

1. **Tripathy, S. K.** (2011). Genomics and human genome: Challenges and opportunities. **Emerging Science**, February 2011, III (2): 6-11. ISSN 0976-4100, RNI No ORIENG/2009/28636.

2. **Tripathy, S. K.** (2011). Construction and Application of Linkage mapping in Aquaculture. **Emerging Science**, July 2015, 2011, 3 (7): 28-32. ISSN 0976-4100, RNI No ORIENG/2009/28636.
3. **Tripathy S. K.,** Dash, K. and Das, R.K. (2010). Genetic Syndromes in man due to chromosomal anomalies. **Emerging Science**, February 2010, I (9): 4-9. RNI No ORIENG/2009/28636.
4. **Tripathy, S. K.** (2010). Gene Therapy: A boon to humanity. **Emerging Science**, April 2010, I (11): 1-6. RNI No ORIENG/2009/28636.
5. **Tripathy, S. K.** (2010). Apoptosis: The programmed cell death. **Emerging Science**, August 2010, II (3): 16-22. ISSN 0976-4100, RNI No ORIENG/2009/28636
6. **Tripathy, S. K.** (2010). Gene silencing *en route* environmental factors and epigenetic models. **Emerging Science**, October 2010, II (5): 11-15. ISSN 0976-4100, RNI No ORIENG/2009/28636.
7. **Tripathy, S. K.,** Dash, K. and Das, R.K. (2009). Genotoxicity of petroleum vapour from burnt and unburnt gasoline and diesel exhaust particles. **Emerging Science**, July 09, II (1):7-12. A monthly magazine of science education, RNI No ORIENG/2009/28636.
8. **Tripathy S. K.** and Sarangi, N. (2009). An overview on Genetics and Hybridization of *Catla catla* (Ham.) and *Labeo rohita* (Ham.) in India. **Emerging Science**, October 09, I (5): 23-28. A monthly magazine of science education, RNI No ORIENG/2009/28636.
9. **Tripathy, S. K.,** Das, R.K., Sarangi, N. and Gaur, K.K. (2002). Genotoxic effect of petroleum vapor on pulmonary alveolar macrophage chromosomes of *Rattus norvegicus* (Charles Foster Strain). **Journal of Agricultural and Scientific Research**, 38 (1&2):85-88.
10. Sarangi, N., **Tripathy, S. K.,** Mandal, A.B. and Ahlawat, S.P.S. (2001). Fish milt cryo-preservation – an approach towards conservation and improvement of fish genetic diversity. **Journal of Andaman Science Association**, 17(1&2): 257-261. ISSN 0970-4183.
11. **Tripathy, S. K.,** Sarangi, N. and Gaur, K.K. (2001). Morphometry of the Indian major carp hybrids *Catla catla* (Ham.) x *Labeo rohita* (Ham.). **Journal of Agricultural and Scientific Research**, 37(1-2): 78-81.
12. Sarangi, N., Soundararajan, R., Dam Roy, S., Barai, P., **Tripathy, S. K.** and Singh, I. (2001). Distribution of *Macrobrachium lar* in streams of Andamans: A glimpse on its culture possibility vis a vis resource potential. **Journal of Andaman Science Association**, 17(1&2): 255-256. ISSN 0970-4183.

Full papers published in Conference/Seminar/Workshop Proceedings

1. Sarangi, N., **Tripathy, S. K.,** Mandal, A.B. and Ahlawat, S.P.S., (2001). Captive breeding- A boon for mass seed production and genetic improvement of Indian major carps-an endeavor in Bay islands. In: Proceedings of National workshop on prioritized captive breeding of some commercially important and ornamental fishes, 29th- 30th July, 2001 at NBFGR, Lucknow, NBFGR-NATP Publication, 65:1-4.
2. Sarangi, N., **Tripathy, S. K.,** Mandal, A.B. and Ahlawat, S.P.S. (2002). Studies on some genetical trends in backcross population of Indian major carps. In: Proceedings of Fifth Indian Fisheries Forum, Held in CIFA, Bhubaneswar on 17th to 20th January 2000: 105-110.

Participation and presentation of research papers (oral/poster) in Conference/Seminar/Workshops form of proceedings

1. **Tripathy, S. K.** (2023). Fossil fuels: Do they affect an organism's genome? : In National Conference on "Past, Present and Future of Similipal", 22nd-23rd July, 2023, organized by Centre of Similipal Studies, Maharaja Sri Ramchandra Bhanjadeo University, Baripada (CSSMSCBU): Abstract No: 90: pp.63.
2. **Tripathy, S. K.** (2016). "Sustainability in Aquaculture: A review" in one day regional seminar on "Biotechnological and Computational Approach for Sustainable Development" held in MITS School of Biotechnology, Bhubaneswar on 11th Feb. 2016. Jointly organized by Department of Biotechnology and Computer Sciences, MITS School of Biotechnology, Bhubaneswar. Abstract No: BCASD_ABS_02: pp 10.

3. **Tripathy, S. K.** (2016). Karyotype of catla-rohu backcross hybrids: A Cytogenetic characterization. In National Seminar on Bio prospecting in life sciences research for human welfare, organized by School of Life Sciences, Sambalpur University, Jyoti Vihar, Burla, 24th-26th Dec., 2016.
4. **Tripathy, S. K.** (2015). "Genotoxicity of agrochemicals: A glimpse" in one day regional seminar on "Emerging Green Technologies and Advances in Computing" held in MITS School of Biotechnology, Bhubaneswar on 13th Feb. 2015. Jointly organized by Department of Biotechnology and Computer Sciences, MITS School of Biotechnology, Bhubaneswar. Abstract No: EGTAC_ABS_04: pp 15.
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Declaration

I **Sri Subodh Kumar Tripathy** do hereby declare that, all the statements made above are true, complete and correct to the best of my knowledge and I will be solely responsible for any wrong information provided.

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