

FACULTY MEMBER ACADEMIC PROFILE

1. **Full name of the faculty member:** Prof. Raman Kumar Trivedi
2. **Designation:** Professor
3. **Specialisation:** (i) Environmental Impact Assessment and Aquatic Environment Management
(ii) Climate Change
4. **Contact information:** Mail ID: ramankumart@rediffmail.com.
Phone No.: 9432491149.



5. Academic qualifications:

College/ university from which the degree was obtained	Abbreviation of the degree
Ranchi University	I.Sc.
University of Agricultural Science, Bangalore	B.F.Sc.
University of Agricultural Science, Bangalore	M.F.Sc.
Rajasthan Agricultural University	Ph.D

6. **Positions held/ holding or Work Experience:** Professor (9.2.2006 – till date)
7. **Membership of Learned Societies:** (i) Life member of Indian Science Congress
(ii) Life member of Inland Fisheries society of India
(iii) Member of Asian Fisheries society

8. Seminar / symposia/course Organised:

SL No.	Name of the Programme	Title of Conference / Seminar	Date & Duration
1.	Fish farmer's training programme	Urban Water Resource Management	26 th March, 2011. 1 day. VCI, WBUAFS.
2.	International training programme for Cambodian fish farmer	Freshwater Fish seed production and nursery rearing in West Bengal, India	5-10 November, 2012. 6 days. WBUAFS.
3.	Fish farmer's training programme	Climate Resilient Aquaculture for Sundarban.	February 25-27, 2014. 3 days. Basanti, Sundarban
4.	Fish farmer's training programme	Climate resilient Aquaculture	7-9 th March, 2015. 3 days. Bali Island, Sundarban.
5.	Fish farmer's training programme	Climate resilient Aquaculture	20-22 nd March, 2015. 3 days. Basanti, Sundarban
6.	Workshop	Expert Consultation on Climate Resilient Aquaculture Strategies for Indian Sundarban	25 th March, 2015. 1 day. VCI, WBUAFS.
7.	Fish farmer's training programme	Survey methodology to assess the dependency value of the community residing near the Critically Vulnerable Coastal Areas (CVCA) of Sundarban	8 to 11 June 2015. 4 days. Faculty of Fishery Science and Joygopalpur Gram Vikash kendra, Basanti
8.	Enumerators training program	Assessment of Extent of Community Dependence on the Coastal Ecologically Sensitive Areas (ESAs) in Bhitarkanika, Odisha	19 to 22 April 2016. 4 days. Pattamundai, Bhitarkanika

9. Invited lectures delivered:

SL No.	Title of Lecture / Academic Session	Title of Conference / Seminar	Organized by
1.	Effects of zinc and copper on the alkaline phosphates of <i>Lahio rohita</i> (Hamilton)	5th' Indian Fisheries Forum	CIFA, ICAR, Bhubaneswar
2.	Paschim Bangal Antasthaliya Matsyaki Parivesh Ki Sambhavit Dissan	National Hindi Workshop on 'Adhunik Jalkheti'	CIFA (ICAR), Bhubaneswar
3.	Effects of zinc and copper on the behavioural aspects of <i>Labia rohita</i> (Hamilton).	6th' Indian Fisheries Forum	CIFE, (ICAR), Mumbai
4.	Variations of plankton population in two hill streams of the Darjeeling district, West Bengal.	National Seminar on 'Fish and its Environment'	Department of Zoology, University of Kalyani
5.	Wetlands of North Bihar: Issues and Challenges.	National Seminar on 'Disaster and its Management: Perspective and Future Approaches'	Krishnanagar Government College, Nadia
6.	Dairy waste: Its treatment and possible use for fish culture.	National Seminar on 'Sustainable Aquaculture for Augmentation of Export with Special Reference to Environment, Engineering and Value Addition'	Institute of Engineers, West Bengal State Centre, Kolkata.
7.	Conservation of threatened Indian ichthiofauna: Implications for today	National Seminar on 'Management Challenges in Fisheries of Rivers and Associated Ecosystems: Issues and Strategies'	CICFRI, ICAR. Barrackpore.
8.	Threats to coral reel biodiversity of India	National Seminar on 'Marine and Estuarine Biodiversity	Science City, Kolkata
9.	Physico-Chemical Features of Two Hill streams of Darjeeling	National Symposium on 'Ecosystem health and Fish for tomorrow'	CIFRI, ICAR Barrackpore,
10.	Social Impact Assessment (SIA) of certain Coastal Aquaculture Projects of West Bengal.	8 th Indian Fisheries Forum	CIFRI, ICAR, Barrackpore
11.	Index of Biotic Integrity (IBI): A biometric tool for the assesment of the health status of aquatic environment	Golden Jubilee National Seminar (DALAF-2010)	CIFE, Kolkata
12.	Regulating Fisheries Education in India: Issue and Strategies.	Expert Consultation on 'Revitalizing Indian Fisheries Education to Meet the 21 st Century Aspirations'	Fisheries College and Research Institute, Thoothukudi
13.	Water quality characteristics of some carp hatchery of West Bengal	9th Indian Fisheries Forum	CMFRI, Chennai
14.	Adoption of Aquaculture Practices by the Fish Farmers of Sagar and Basanti Islands in Indian Sundarban	Global Symposium on 'Aquatic Resources for Eradicating Hunger and Malnutrition- Opportunities and Challenges'	Asian fisheries Society Indian Branch (AFSIB), Manglore, Karnataka, India.

15.	Aquaculture in the changing climate of Sundraban	National Symposium on 'Climate change and Indian Agriculture: Slicing down the uncertainties'	CRIDA, Hyderabad
16.	Significance of public private partnership in the changing climate of Sundarban	PAF congress on 'Public private partnership in aquaculture and culture based fishery'	CIFRI, Barrackpore

- 10. Awards:** (i) Certificate of Merit. Ranked 1st in Ph.D. Rajasthan Agricultural University, Bikaner
(ii) Certificate of Merit. Best performance in the Summer School. CIFRI, ICAR.
(iii) Best Poster Award (First). Climate Resilient Aquaculture Strategies. College of Fisheries, Mangalore.

11. Conference/ seminar attendant:

SL NO.	Title of Conference / Seminar	Organized by
1.	5th' Indian Fisheries Forum	CIFA, ICAR, Bhubaneswar
2.	National Hindi Workshop on 'Adhunik Jalkheti'	CIFA (ICAR), Bhubaneswar
3.	6th' Indian Fisheries Forum	CIFE, (ICAR), Mumbai
4.	National Seminar on 'Fish and its Environment'	Department of Zoology, University of Kalyani
5.	National Seminar on 'Disaster and its Management: Perspective and Future Approaches'	Krishnanagar Government College, Nadia
6.	National Seminar on 'Sustainable Aquaculture for Augmentation of Export with Special Reference to Environment, Engineering and Value Addition'	Institute of Engineers, West Bengal State Centre, Kolkata.
7.	National Seminar on 'Management Challenges in Fisheries of Rivers and Associated Ecosystems: Issues and Strategies'	CICFRI, ICAR. Barrackpore.
8.	National Seminar on 'Marine and Estuarine Biodiversity'	Science City, Kolkata.
9.	National Symposium on 'Ecosystem health and Fish for tomorrow'	CIFRI, ICAR Barrackpore,
10.	8 th Indian Fisheries Forum	CIFRI, ICAR, Barrackpore
11.	Golden Jubilee National Seminar (DALAF-2010)	CIFE, Kolkata
12.	Expert Consultation on 'Revitalizing Indian Fisheries Education to Meet the 21 st Century Aspirations'	Fisheries College and Research Institute, Thoothukudi
13.	9th Indian Fisheries Forum	CMFRI, Chennai
14.	Global Symposium on 'Aquatic Resources for Eradicating Hunger and Malnutrition- Opportunities and Challenges'	Asian fisheries Society Indian Branch (AFSIB), Manglore, Karnataka, India.
15.	National Symposium on 'Climate change and Indian Agriculture: Slicing down the uncertainties'	CRIDA, Hyderabad
16.	PAF congress on 'Public private partnership in aquaculture and culture based fishery'	CIFRI, Barrackpore

12. Other notable activities:

- As member of the committee to frame Academic Rules & Regulations was instrumental in making the new Academic Rules of the university.
- I was involved in designing and developing the new ICAR PG syllabus for "Aquatic Environment Management" and participated in the related meeting at CIFE Mumbai.

- iii. Conducted a portion of rapid Environmental Impact Assessment (EIA) for the 2nd NTPC plant at Vishakhapattanam (AP) on honoree basis
- iv. Conducted rapid Environmental Impact Assessment (EIA) for the Indian oil plant at paradwip (Odissa) on honoree basis
- v. Participated as expert in the consultation meeting at NCSCM, Ministry of Environment and Forest, Govt. of India on "Delineation & mapping of coastal & marine ESA in India" held on 21.10.2013 at Chennai
- vi. Served as the member of the academic regulation committee to frame academic rules of the university
- vii. Served as chairman of the transport and security sub-committee for the 5th, 6th, 7th and 8th convocation of the university
- viii. Participated and helped in framing P.G. syllabus of Aquatic Environment Management (AEM) at national level in CIFE, Mumbai
- ix. Served as a member master plan sub-committee formed by the Executive Council of the university
- x. Invited as lead speaker in the 10th national symposium on 'Managing Natural Resources for Enhancing Agricultural and Allied Productivity in Coastal Region under Changing Climate' during December 11-14, 2013 at CSSRI, RRS, Bharuch (Gujarat)

13. Publication:

a. National Publication:

Sl	Name of the article	Name of the Journal	Year of publication	Page nos.	NASS rating
1	Physico-chemical characteristics of three ponds of Mangalore, Karnataka	<i>J. Aqu. Biol. Fish</i>	1995	39-45	-
2	Effects of zinc and copper on haematology of <i>Cirrhinus mrigala</i> (Hamilton)	<i>Journal of Interacademia</i>	1998	271-276	3
3	Sediment characteristics of freshwater bodies of Mangalore, Karnataka	<i>Journal of Ecobiology</i>	1999	59-64	3.2
4	Long term effects of zinc and copper on certain haematological parameters of <i>Labeo rohita</i> (Hamilton)	<i>Journal of Inland Fisheries Society of India</i>	1999	43-48	4.54
5	Canal: A prospective inland fishery source of Bihar	<i>Fishing Chimes</i>	2000	24-25	-
6	Effects of zinc and copper on the alkaline phosphates of <i>Lahio rohita</i> (Hamilton)	<i>Proceedings of Fifth Indian Fisheries Forum (Eds. S. Ayyappan, J.K. Jena, M.M. Joseph). Published by AFSIB, Mangalore, India</i>	2002	143-145	-
7	Variations of plankton population of two hill streams of the Darjeeling district, West Bengal	<i>Environment and Ecology</i>	2003	50-53	4.18
8	Present status of biogas plants in Chandannagar Sub-division of the district Hooghly, West Bengal and use of their slurry as aquaculture manure	<i>Environment and Ecology</i>	2003	25-28	4.18
9	Impact assessment of the surroundings on water quality of Kulia Beel	<i>Environment and Ecology (Spl Pub)</i>	2003	54-58	4.18
10	Hydrobiological study of an oxbow lake with reference to fish production	<i>Environment and Ecology (Spl Pub)</i>	2003	22-24	4.18
11	Plankton as a tool for ecological assessment of a floodplain of wetland.	<i>Journal of Interacademia</i>	2006	573-577	3
12	Assessment of physicochemical status of a closed beel of Kalyani Industrial area of West Bengal	<i>Proceedings of National Symposium on Limnology (Eds. Venkataramani et al.)</i>	2007	404-406	-

13	Conservation of Indian Threatened Ichthyofauna-Immediate Implications	<i>Fishing Chimes</i>	2007	40-44	-
14	Physico-chemical features of the two hill stream of Darjeeling	<i>Journal of Inland Fisheries Society of India</i>	2008	115-120	4.54
15	Sediment characteristics of hill stream of Darjeeling district	<i>Journal of Inland Fisheries Society of India</i>	2008	145-147	4.54
16	Social impact assessment (SIA) of certain coastal aquaculture projects of West Bengal	<i>Journal of Inland Fisheries Society of India</i>	2010	35-41	4.54
17	Diversity, abundance and fluctuation of benthos of an Oxbow lake of Jungle beel, Nadia District, West Bengal, India	<i>Environment and Ecology</i>	2013	318-321	4.18
18	Fluctuations of Plankton Population in Oxbow Lake in Nadia District (West Bengal)	J. Inland Fish. Soc. India	2014	76-83	4.54
19	Growth Performance of <i>Labeo rohita</i> (Hamilton) Fingerlings Exposed in Different Concentration of Sewage Water	<i>Environment & Ecology</i>	2015	1053-1056	4.18
20	Response of <i>Anabas testudineus</i> (Bloch, 1792) to Salinity for Assessing their culture potential in Brackish water inundation prone areas of Indian Sundarbans	Journal of Inland Fishery Society of India	2015	59-69	4.54
21	Evaluation on the prevailing aquaculture practices in the Indian Sunderban Delta: an insight analysis.	J. Food, Agriculture & Environment	2016	133-141	-
22.	Comparative study of muscle proximate composition of <i>Labeo rohita</i> (Ham) exposed to different concentrations of sewage.	J. Exp. Zool. India	2016	1269-1272	5.51
23.	A study on socio-economic profile of fisher community of Madhubani district in Bihar, India.	J. Exp. Zool. India	2016	1419-1426	5.51
24.	Impact of sewage on plankton production.	J. Inland Fish. Soc. India,	2016	21-25	4.54

b. International Publication:

SI	Name of the article	Name of the Journal	Year of publication	Page nos.	NASS rating
1	Ecobiological study on Burrowing Mud Lobster <i>Thalassina anomala</i> (Herbst, 1804) (Decapoda : Thalassinidea) in the intertidal mangrove mudflat of deltaic Sundarbans	Exploratory Animal and Medical Research	2012	70-75	-
2	Study on impact of saline water inundation on freshwater aquaculture in Sundarban using risk analysis tools	Exploratory Animal and Medical Research	2012	170-178	-
3	Optimization of Quick Lime (CaO) and pH Application for Nursery Management of Indian Major Carps <i>Catla catla</i> (Hamilton), <i>Labeo rohita</i> (Hamilton) and <i>Cirrhinus mrigala</i> (Hamilton).	International Journal of Advanced Research	2013	213-221	-
4	Diversity, Abundance and Fluctuation of Plankton of Eel (<i>Monopterus albus</i>) culture tank at regional research station, Naz, Gayeshpur, Nadia, WB.	International Journal of Advanced Biotechnology and Research.	2013	236-240	-

5	Median Lethal Salinity (MLS _{96h}) of Two Small Indigenous Fish Species <i>Amblypharyngodon mola</i> and <i>Pethia ticto</i> from Indian Sundarban	<i>Journal of Aquaculture Research and Development</i>	2014	249	-
6	Indigenous Freshwater Piscine Resources of Indian Sundarban Biosphere Reserve: Status and Prospects	World Journal of Fish and Marine Sciences	2015	21-28	-
7	Dose optimisation of the synthetic reproductive hormone WOVA-FH for induced breeding of <i>Clarias batrachus</i> (Linnaeus, 1758).	<i>Zoology and Ecology</i> (Talyor and Francis)	2015	365-372	-
8	Effect of salinity on survival and growth of giant freshwater prawn <i>Macrobrachium rosenbergii</i> (de Man).	<i>Aquaculture Reports</i> (Elsevier)	2015	26-33	-
9	Impact of Sewage on Certain Biochemical Profiles of Indian Major carp, <i>Labeo rohita</i> (Hamilton)	<i>International research Journal of Biological Sciences</i>	2015	33-39	-
10	The effect of salinity on survival and growth of the freshwater stenohaline fish spotted snake head <i>Channa punctata</i> (Bloch, 1793).	<i>Zoology and Ecology</i> (Taylor & Francis)	2016	10.1080 /216580 05.2016. 122586 7.	-
11	Indigenous Ornamental Freshwater Ichthyofauna of the Sundarban Biosphere Reserve, India: status and prospect	<i>Journal of Threatened Taxa</i>	2016	9144-9154	-
12	Farmers' perception of climate change, impacts on freshwater aquaculture and adaptation strategies in climate change hotspots: A case of Indian Sundarban delta, environmental Development	Elsevier Publication	2017	38-51	-
13	Estimation of Chlorophyll-a Concentration and Trophic status in Nalban Lake of East Kolkata Wetland, India from Landsat 8 OLI data	<i>Spatial Information Research</i>	2017	10.1007 /s41324 -016- 0069-z/	-

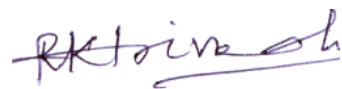
c. Books/ Books chapter:

Sl. No.	Name of the Book / Booklet	Publisher	Year of publication	Position
1	Aquaculture in Changing Climate of Sundarban: Survey Report on Climate Change Vulnerabilities, Aquaculture Practices & Adaptation Measures in Sagar and Basanti blocks of Indian Sundarban	DREF, WBUAFS, Kolkata	2012	Author
2	Training Compendium on "Freshwater Fish seed production and nursery rearing in West Bengal, India"	Faculty of Fishery Sciences, WBUAFS	2012	Editor and Course – coordinator
3.	Fisheries Management of floodplain Wetlands in India	CIFRI, Barrackpore, Kolkata	2003	Page number: 30-33

4.	Index of Biotic Integrity (IBI): An economical and faster bio-monitoring tool for the assessment of the health status of Aquatic environment in Management of freshwater ecosystem	Agrotech Publishing academy, Udaipur.	2008	Page number: 121-142
5.	Sundarbans: Retrospect and prospects	CIFRI, Barrackpore, Kolkata	2012	Page number: 116-128
6.	Public Private Partnership is Essential for Developing Climate Adaptive Aquaculture in Sundarban, West Bengal.	Narendra Publishing House, Delhi, India	2015	Page number: 203-214

d. Manuals:

Sl. No.	Training Manual	Publisher	Year of publication
1.	<i>Sundarbaner poribortito jolobayute mach chash</i> (in Bengali).	West Bengal University of Animal & Fishery Sciences, Kolkata, India	2014



Signature of the faculty member