


NAME	Dr. Ashutosh Srivastava		
DESIGNATION	Centre Head		
EMAIL ID	Asrivastava4@amity.edu		
CONTACT NUMBER	9818818177		
RESEARCH INTERESTS	Aquaculture Nutrition, Aquatic toxicology, and Marine Pharmacology		
EDUCATIONAL QUALIFICATIONS:			
Name of College / University	Degree	Year	
University of Delhi	Ph.D	2006	
Dr. B.R. Ambedkar University, Agra	M.Sc (Biochemistry)	2000	
Dr. B.R. Ambedkar University, Agra	B.Sc	1997	
Title of Ph.D. thesis: <i>“A Comprehensive Study on Mass Production, Biochemical Composition and Nutritional Enrichment of Some Live Fish Food Organisms”.</i>			
EXPERIENCE (in chronological order): Total 20 Years Research & Teaching			
Designation	Type of post held (teaching/ research)	Name of the Institute	Year (From – To)
Center Head	Teaching, research, and Management	Center of Marine Science and Technology, Amity Institute of Biotechnology, AUUP, NOIDA	28 th Oct 2022- till date
Coordinator	Teaching, research, and Management	Amity Institute of Marine Science and Technology, Amity University Uttar Pradesh (AUUP), NOIDA	18 th June 2011- 28 th Oct 2022
Asst. Professor (GradeIII)	Teaching, research,	Amity Institute of Biotechnology, AUUP, NOIDA	June 2011- till date
Sr. Lecturer	Teaching, research,	Amity Institute of Biotechnology, AUUP, NOIDA	June 2010- May 2011
Norwegian Yggdrasil Post doctoral Fellow	Research	NIFES, Bergen, Norway	September 2009 – June 2010
Lecturer	Teaching, research,	Amity Institute of Biotechnology, AUUP, NOIDA	June 2007- May 2010
Lecturer (ad-hoc)	Teaching	S.G.T.B.Khalsa College, University of Delhi, Delhi	August 2006 - March 2007
Scientist	Research	National Institute of Nutrition and Seafood Research (NIFES), Bergen, Norway	June 2005 - September 2005
Research Fellow	Research	National Institute of Nutrition and Seafood Research (NIFES), Bergen	August 2004 - June 2005
SRF (ICAR)	Research	University of Delhi , Delhi	Nov 2000 – Nov 2003
No. of Ph.D. students supervised	nil		

No. of Post-Doc	nil
No. of M.Tech. Students supervised:	nil
No. of B.Tech. Students supervised:	>20
PUBLICATIONS (mention total no. here)	<p><u>Publications profile</u></p> <p>Orcid ID: https://orcid.org/0000-0001-7028-4596</p> <p>Scopus Author ID: 7403492679</p> <p>Book authored: 1</p> <p>Book Chapters: 8</p> <p>Research Reports: 2</p> <p>Peer-reviewed research articles: 23</p> <p>Abstracts in proceedings: 41</p> <p>Popular articles: 5</p> <p>1 Mitochondrial genome submitted to Gene Bank</p> <p>10 Gene sequences submitted to Gene Bank</p> <p>Details: Annexure 1</p>
PATENTS (total no.): 1 (Granted)	<p>Details: <u>Srivastava, A.</u> A diet supplement for the enrichment of rotifer with iodine. National patent Application Number: 2738/DEL/2011. Publication date: 22/3/2013. (In order for grant under section 43, awaiting NBA approval)</p>
RESEARCH PROJECTS Completed: (total no.): 1 Ongoing: (total no.): nil	<p>1. Details: Project title: “Mineral requirements of Atlantic cod (<i>Gadus morhua</i>) larvae at first feeding”. (Project no: 195647/VII). Funded By: Research Council of Norway. Project cost: NOK 1,37,000/-</p>
AWARDS & HONOURS/ DISTINCTIONS	<p>Details:</p> <ul style="list-style-type: none"> ▪ “ESDA Senior Scientist Award 2021” By Environmental and Social Development Association (ESDA) at World Environmental Summit 2021, India International Centre, New Delhi. ▪ “Research Excellence Award” (2016) By Indus Foundation US. ▪ Norwegian Yggdrasil- young guest and doctoral researchers'Annual scholarship (2009-10). ▪ Norwegian Government Research Fellow (2004-05). ▪ ICAR- Senior Research Fellow (2000-2003) ▪ 2nd University rank holder in M.Sc(Biochemistry), Dr. B.R. Ambedkar University, Agra (1998-2000)

MEMBERSHIP with Professional/
Academic bodies

Details:

1. Patron Member Environment & Social Development Association (ESDA) (Since Sep 2021)
2. “Life Member” of Indian Science Congress Association. (Since Nov 2014).
3. Life member of Indian Fisheries Association.
4. Member secretary- **Board of Studies (BoS)**- Amity Institute of Marine Science and Technology, Amity University, Noida, India (2011-22).
5. Chairman of the **AREA ADVISORY BOARD** for Marine science and technology stream of Bio sciences and Biotechnology domain at Amity Institute of Marine Science and Technology, Amity University, Noida (16th May 2014-28th Oct 2022).
6. Chairman- **IQAC** for Amity Institute of Marine Science and Technology Amity University, Noida (Since 22nd April 2014- 28th Oct 2022).
7. Member **Domain IQAC**- Faculty of Biosciences and Biotechnology, AUUP, Noida
8. Member -Special Committee to examine the minutes of meetings of Area Advisory Board (AAB) & Course Curriculum for programs of Bio Sciences & Biotechnology Domain (12th April 2016-June 2018).
9. Chairperson: Examination Committee- AIMST (2011-22)
10. Chairperson: Institutional NTCC Committee- AIMST (2011-22)
11. **Reviewer** – 3Biotech- Springer, Impact Factor-3.446 (Since 2020)
12. Reviewer-Systematics and Biodiversity–Taylor and Francis; Impact Factor: 2.347 (Since Sep 2013).
13. Reviewer-Aquaculture Nutrition –Wiley Publication House, Impact Factor: 3.781 (Since 2008).
14. Member of the editorial board of : International Journal of Agriculture Innovations and Research” (ISSN: 2319-1473)
15. Member of the editorial board of : International Journal of Innovation in Science and Mathematics” (ISSN : 2347 – 9051)
16. Member of the editorial board of : International Journal of Research in Agricultural Sciences” (ISSN : 2348 – 3997)
17. Member of the scientific committee and editorial review board (Medical and Biological Sciences) of World

	Academy of Science, Engineering and Technology. 18. Senior member of APCBEES (Asia-Pacific Chemical, Biological and Environmental Engineering Society).
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Annexure 1

Publications profile

Orcid ID: <https://orcid.org/0000-0001-7028-4596>

Scopus Author ID: 7403492679

Book authored: 1 Book Chapters: 8

Research Reports: 2

Peer-reviewed research
articles: 23 Abstracts in
proceedings: 41

Popular articles: 5

1 Mitochondrial genome submitted to Gene Bank

10 Gene sequences submitted to Gene Bank

Detailed Publications profile

1. Books

A. (Authored)

1. **Srivastava, A.** (2010). Live food: Mass Production, Biochemical profiling and Enrichment. LAMBERT Academic publishing, Germany. ISBN 13: 978-3-8433-6349-5.

B. Book Chapters

1. Kameshwar Sharma YVR, **Arti Srivastava**, Dravie Bansal and Ashutosh Srivastava. Collagen from Marine Sources as a Prospective Biomaterial (June 2023). P A Hassan, Biji Balakrishnan, and A K Tyagi (Eds.) *In: Engineered Biomaterials: Progress and Prospects* Published by World Scientific <https://doi.org/10.1142/13299> .
2. Stephen James, Saniya Arfin, Manish K Mishra, Arun Kumar, Niraj Kumar Jha, Saurabh Kumar Jha, Kavindra Kumar Kesari, Prabhanshu Kumar, **Ashutosh Srivastava**, Dhruv Kumar (2022). Role of arsenic in carcinogenesis. Ed.- Kesari KK & Jha NK in Book title Free Radical Biology and Environmental Toxicity. Book series “Molecular and Integrative Toxicology”, Springer

Nature. 149-169.

3. Bisaria K., Sinha S., **Srivastava A.**, Singh R. (2020) Marine Pharmacognosy: An Overview of Marine-Derived Pharmaceuticals. In: Nathani N.M., Mootapally C., Gadhvi I.R., Maitreya B., Joshi C.G. (eds) Marine Niche: Applications in Pharmaceutical Sciences. Springer, Singapore.
 4. Arti Srivastava, **Ashutosh Srivastava** (2020). Microplastics: An Emerging Threat to the Aquatic Ecosystem. *In: Environmental Biotechnology Volume 1, Environmental Chemistry for a Sustainable World 44*,. Edited by Gothandam KN, Shivendu R, Gupta ND, Eric L. Publisher: Springer-Nature Switzerland AG. Page no: 113-143.
 5. Surbhi Sinha, Tithi Mehrotra, **Ashutosh Srivastava**, Arti Srivastava, Rachana Singh (2020). Nanobioremediation technologies for potential application in Environmental Cleanup. *In: Environmental Biotechnology Volume 2, Environmental Chemistry for a Sustainable World 45*, Edited by Gothandam KN, Shivendu R, Gupta ND, Eric L. Publisher: Springer-Nature Switzerland AG. Page No : 53-73. ISBN 978-3-030-38196-7
 6. Subhasha Nigam, Surbhi Sinha, Arti Srivastava, **Ashutosh Srivastava** (2020). Cultivation and Production Techniques of Marine Algae. *In. Encyclopedia of Marine Biotechnology, Volume 1, Chapter 9*, edited by Prof. Se-Kwon Kim (-Wiley-Blackwell Publication- ISBN: 978-1-119-14377-2
 7. Arti Srivastava, **Ashutosh Srivastava** (2017). Oxidative stress mediated human diseases. *In: Oxidative stress: Diagnostic methods and application in medical science*, Edited by Pawan Kumar Maurya and Pranjal Chandra. Publisher: Springer, Singapore. ISBN No: 978-981-10-4711-4, page 141-151
 8. **Ashutosh Srivastava**, Arti Srivastava, Ananya Srivastava, Pranjal Chandra (2015). Marine Biomaterials in therapeutics and diagnostics. *In: Springer Handbook of Marine Biotechnology*, edited by Prof. Se-Kwon Kim. Chapter 56, Page no 1247-1263. ISBN 978-3-642-53970
2. **Research Publications in peer-reviewed journals/ Special publications**
1. Maurya, R., Srivastava, A., **Srivastava, A.**, Pathak, V.K., Dutta, M.K. (2023). Compound aided detection of mercury heavy metal intoxicated fish: an application of machine vision and artificial intelligence techniques. Multimedia tools and applications. (In press published online on 10th Jan 2023)- **Scopus indexed (IF 2.577)**

2. Namita Bedi, Dhaval Srivastava, Arti Srivastava, Supratim Mahapatra, Daphika S. Dkhar, Pranjal Chandra, Ashutosh Srivastava. (2022) Marine Biological Macromolecules as Matrix Material for Biosensor fabrication. *Biotechnology and Bioengineering*. 119(8): 2046-2063. <https://doi.org/10.1002/bit.28122> (Scopus indexed)
3. Namita Bedi, Dhaval Srivastava, Arti Srivastava, Supratim Mahapatra, Pranjal Chandra, Ashutosh Srivastava. Marine Biological Macromolecules as Matrix Material for Biosensor fabrication. *Authorea*. January 17, 2022. DOI: 10.22541/au.164242212.26602085/v1
4. Singh, A., Gupta H., Srivastava, A., **Srivastava, A.**, Joshi, R.C., Dutta, M.K. (2021). A novel pilot study on imaging-based identification of fish exposed to heavy metal (Hg) contamination. *Journal of Food Processing and Preservation*, 45 (6): e15571
5. Chandel, V., Srivastava, M., **Srivastava, A.**, Asthana, S. and Kumar, D. (2020). In-silico interactions of active phytochemicals with c-MYC EGFR and ERBB2 oncoproteins. *Chemical Biology Letters*, 7(1): 47-54.
6. Issac, A., Srivastava, A., **Srivastava, A.** and Dutta M.K. (2019). An automated computer vision based preliminary study for the identification of a heavy metal (Hg) exposed fish- *Channa punctatus*. *Computers in Biology and Medicine*, August 2019,111:103326.
7. R.S. Daniel and **A. Srivastava.** 2017. Collaboration between private fish/shrimp hatcheries and academia for never educational programmes. *Fishing Chimes*, 37 (9): 44-46.
8. R.S.Daniel and **A. Srivastava.** 2017. Woes of interdisciplinary home-bound scientists in India, *CURRENT SCIENCE*, 112, NO. 904- 905
9. R. S. Daniel and **A. Srivastava** (2016). The Science of augmenting marine finfish larval abundance is poorly studied in Indian Seas. *Aquaculture Europe*, 41(2): 32-35.
10. A. Pathak, E. Danish, **A. Srivastava** (2016). Optimisation of *Thalassiosira weissflogii* culture regimes with reference to nitrogen inputs. *Journal of Plant Development Sciences*, 8(4): 197-199.
11. R.S. Daniel and **A. Srivastava** (2016). Cell productivity of *Nannochloropsis gaditana* CCAP 849/5 in varied reactor types with different culture light paths and light regimes. *J. Algal Biomass Utln.*, 7 (1): 12- 20.

12. Srivastava, A., Iqbal, P., **Srivastava, A.**, Allen, T., Singh, S. (2016). Melanophore index as an indicator for joint heavy metal toxicity in fresh water fish *Channa punctatus*. International Journal of Pharma and Bio sciences 7(2): (B) 95-103.
13. Srivastava, P., Srivastava, A., Singh, S., **Srivastava, A.**, (2015). The Effect of L-Ascorbic acid supplementation on the immune response of *Channa punctatus* (Bloch) exposed to lead and cadmium. International journal of Applied Environmental science 10 (2): 545-561.
14. Daniel R.S. and **Srivastava A.**, (2015). Tailoring nutritious microalgae for marine hatcheries. Fishing chimes, Vol 34 (12), March 2015:53-55.
15. **Srivastava, A.**, Hamre, K., Stoss, J., Nordgreen, A., (2012). A study on enrichment of rotifer *Brachionus* "Cayman" with iodine. Aquaculture 334-337: 82-88. ISSN : 00448486
16. **Srivastava, A.**, Stoss, J., Hamre, K., (2011). A study on enrichment of rotifer *Brachionus* "Cayman" with iodine and selected vitamins. Aquaculture 319: 430-438. ISSN : 00448486
17. **Srivastava, A.**, Roy, D., Chakrabarti, R., (2009). Phospholipid assay of *Daphnia carinata* using 1-D and 2-D NMR techniques. International Journal of Biotechnology and Biochemistry 5(2): 107-114. Online ISSN: 0974-4762
18. Hamre, K., **Srivastava, A.**, Rønnestad, I., Mangor-Jensen, A., and Stoss, J., (2008). Several micronutrients in the rotifer *Brachionus* sp. may not fulfil the nutritional requirements of marine fish larvae. Aquaculture Nutrition, 14: 51-60. ISSN: 1365-2095
19. **Srivastava, A.**, Hamre, K., Stoss, J., Chakrabarti, R. and Tonheim, K. S., (2006). Protein content and amino acid composition of the live feed rotifer (*Brachionus plicatilis*): with emphasis on the water soluble fraction. Aquaculture, 254: 534-543.
20. **Srivastava, A.**, Rathore, R. M. and Chakrabarti, R., (2006). Effects of four different doses of organic manures in the production of *Ceriodaphnia cornuta*. Bioresource Technology, 97: 1036-1040. ISSN no 09608524
21. Kumar, S., **Srivastava, A.**, Chakrabarti, R., (2005). Study of digestive proteinases and proteinase inhibitors of *Daphnia carinata*. Aquaculture, 243: 367-372
22. Hamre, K., **Srivastava, A.** and Stoss, J., (2005). Micronutrients in the rotifer *Brachionus plicatilis* cultured on four different diets. In: Lessons from the past to

- optimise the future, European Aquaculture Society Special Publication No. 35. pp. 243-244.
23. **Srivastava, A.**, Tonheim, S, K., Chakrabarti , R., Stoss, J. and Hamre, K., (2005). Effect of four different diets on protein and amino acid profile of rotifers. *In: Lessons from the past to optimise the future*, European Aquaculture Society Special Publication No. 35. pp. 425-426.

3. **Research Publications in Conferences and Symposiums**

- 1) Hemprabha Mandavi, **Ashutosh Srivastava** (2021). Collagen from Fish waste as a source of cosmetic product. Abstracts: INTERNATIONAL SYMPOSIUM OF BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING (ISBBE-2021) on “Waste Management and Innovation for Valorization: Enroute A Sustainable World and Future”. 26-27 Oct. 2021. Page no 74.
- 2) Aditi Ramesh Yadav, **Ashutosh Srivastava**, Sofia P. Das (2021). Biodiversity Conservation. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 2
- 3) Aysha Mansoor, **Ashutosh Srivastava** (2021). Conservation and biodiversity of freshwater fish. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 6
- 4) Chhavi, **Ashutosh Srivastava**, Sofia P. Das (2021). Bond of planktons with fisheries and their role in revolutionizing blue economy. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 8
- 5) Dristii, **Ashutosh Srivastava**, Sofia P. Das, (2021). Fish as food. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 9
- 6) F. Lalmangaihzuali, **Ashutosh Srivastava**, Sofia P Das (2021). Impact of Pollution in marine ecosystem and their management. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 12
- 7) Hemprabha Mandavi, **Ashutosh Srivastava** (2021). Fish as food in India. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 14 20-21 Nov 2021
- 8) Mansi Y, **Ashutosh Srivastava**, Sofia P Das (2021). Capture Fisheries and its potential decline. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 19

- 9) Nida Ali, **Ashutosh Srivastava** (2021). Recent advancement in fisheries. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 20
- 10) Savikuonuo Metha, **Ashutosh Srivastava** (2021). Fish food: Key to successful aquaculture. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 29
- 11) S. Bhattacharjee, **Ashutosh Srivastava**, Sofia P Das (2021). The culture of *L. vannamei* and the economic factors in shrimp aquaculture development. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 30
- 12) Surabhi Krishan Gulab, **Ashutosh Srivastava**, Sofia P. Das, Mayank Sharma (2021). Feeding practices of *Litopenaeus vannamei*. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 32
- 13) Triparna Chatterjee, **Ashutosh Srivastava**, Sofia P Das (2021). Fish, food and ecosystem. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 36
- 14) Upamanyu Baishya, **Ashutosh Srivastava** (2021). Role of genetics and Biotechnology in fishes. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 37
- 15) Yakshita, Sofia P Das, **Ashutosh Srivastava** (2021). Molecular identification key for aquatic species: A tool for conservation and management. Book of Abstracts. International Symposium on Sustainable Fisheries- ISSF 2021. Page No: 38
- 16) Jangpangi, D., **Srivastava, A.** and Das, S.P. (2020). Genome editing and progress in plasmid technology. Lectures & Abstracts -3rd international symposium on genomics in aquaculture (ISGA-III 2020), published by CIFA-ICAR, page no 92.
- 17) Krishnan, R., Das, S.P. and **Srivastava, A** (2020). Methods involved in production of transgenic fish. Lectures & Abstracts -3rd international symposium on genomics in aquaculture (ISGA-III 2020), published by CIFA-ICAR, page no 97.
- 18) Bhattacharjee, S., **Srivastava, A.** and Das, S.P. (2020). Role of IoTs in the smart aquaculture system. Lectures & Abstracts -3rd international symposium on genomics in aquaculture (ISGA-III 2020), published by CIFA-ICAR, page no 157.
- 19) Kumar S. and **Srivastava A.** (2019). Novel Compounds from the Sea: Current Status. *In: Proceedings of 1st International Conference Integrative Chemistry, Biology and Translational Medicine (ICBTM-2019)*. Page no 72. ISBN no. 978-93-5351-396-2.

- 20) Sharma A., Maniyambath A., **Srivastava A.**, Kumar D. Biopharmaceutical drug development: Inception. *In: Proceedings of 1st International Conference Integrative Chemistry, Biology and Translational Medicine (ICBTM-2019)*. Page no 196. ISBN no. 978-93-5351-396-2.
- 21) Kumar S. and **Srivastava A.** (2019). Novel Molecules from the Sea: Current Status. *Proceedings of the International Conference on Science, Technology, Engineering and Mathematics (STEM)*. Page no 209. ISBN No. 9789388296618.
- 22) Kumar S. and **Srivastava A.** (2018). Recent advancement in marine pharmacology. "Abstract Book- National conference on disease and drugs: Emerging trends and challenges" (Student Best Oral Presentation award). Page no 74.
- 23) Srivastava A. and **Srivastava A.** (2018). Marine Pharmacology: A Promising Wave for Novel Drug Development. "Abstract Book - National conference on disease and drugs: Emerging trends and challenges" Page no 59.
- 24) Srivastava A, Singh S, Allen T, **Srivastava A** (2016). Oxidative Damage and Histological Response of Arsenic and Mercury Exposed Fresh Water Fish *Channa punctatus*. "New insights & Multidisciplinary Approaches in Toxicological studies- Book of Abstracts" edited by Prof Tanu Jindal, published by Excell India Publishers, (ISBN NO: 978-93-85777-87-5) Page no.60-61.
- 25) Srivastava, P., Srivastava, A., Singh, S., **Srivastava, A.** (2014). The Effect of L-Ascorbic acid supplementation on the immune response of *Channa punctatus* (Bloch) exposed to lead and cadmium. "Book of Abstracts" Page no.452. Published by Asian Fisheries Society and ICAR-NBFGR. ISBN No: 978-81-905540-9-1.
- 26) Srivastava, A., Singh, S., Allen, T., **Srivastava, A.** (2014). Effect of Arsenic and Cadmium mixture on oxidative stress and metal accumulation in freshwater fish *Channa punctatus*. "Book of Abstracts" Page no.461. Published by Asian Fisheries Society and ICAR-NBFGR. ISBN No: 978-81-905540-9-1.
- 27) Morla, D.C., Rao, B.M., **Srivastava, A.** (2014). Edible Films Incorporated with antibacterial agents for extension of shelflife of shrimp and fish. "Book of Abstracts" Page no.534 Published by Asian Fisheries Society and ICAR-NBFGR. ISBN No: 978-81-905540-9-1.
- 28) **Srivastava, A.**, Srivastava, A., Kackar, P. (2013). Marine Pharmacology: A promise for healthy future. Poster presentation at "Global R&D Summit 2013- Destination India" Organized by FICCI. 25-26th July 2013 at New Delhi.
- 29) **Srivastava, A.**, Srivastava, A., Singh, S., Morla, D.C. (2013). Global Warming: A Marine Prospective. Abstracts 2013. 2nd Biennial National Conference of IASN on

“Global Warming: health Hazards & Mitigation Strategies. Agra (UP), India. 9th March 2013. Page no: 43.

- 30) Mukerji, A., Saxena, A., Srivastava, A., **Srivastava, A.** (2013). Global Warming: Threat to Marine Biodiversity. Abstracts 2013. 2nd Biennial National Conference of IASN on “Global Warming: health Hazards & Mitigation Strategies. Agra (UP), India. 9th March 2013. Page no: 42.
- 31) Mukerji, A., Srivastava, A., **Srivastava, A.** (2013). Effect of use of Pesticides in Coastal Agriculture on estuaries. Book of abstracts. National conference on Environmental Pollution, Soil, Health and Sustainable Agriculture, Noida, India. 15-17 Jan 2013. Page no 67.
- 32) Srivastava, A., **Srivastava, A.** (2013). Effect of Soil Quality on Aquaculture Production. Book of abstracts. National conference on Environmental Pollution, Soil, Health and Sustainable Agriculture, Noida, India. 15-17 Jan 2013. Page no 25.
- 33) **Srivastava, A.** Stoss, J., Hamre, K., Srivastava, A., Kapoor, A., Malhotra, R. (2011). A study on enrichment of rotifer *Brachionus "Cayman"* with iodine and selected vitamins. Book of Abstracts, "9th Indian Fisheries Forum 2011" Chennai, India, 19-23 December 2011, pp. 148..
- 34) Hamre, K., Penglase, S. J., **Srivastava, A.**, Nordgreen, A. (2011). How to produce nutritionally balanced rotifers. Presented at “Aquaculture Europe 2011” held at Rhodes, Greece on 18-21 October 2011.
- 35) **Srivastava, A.** and Raghav, S. (2008) Study of digestive proteinases and proteinase inhibitors of *B. Plicatilis*. Book of Abstracts, National conference-cum-seminar on “Emerging Trends in Biotechnology”, January 18-19, 2008, Ghaziabad (U.P.), India.
- 36) **Srivastava, A.**, Hamre. K., Stoss, J. and Chakrabarti, R. (2007). A study on Lipid and fatty acid profile of Live food *Brachionus plicatilis* cultured with different diets. Abstract, 8th Asian Fisheries forum, 20-23 November 2007, Kochi, India. Page no 360
- 37) Hamre, K., **Srivastava, A.**, og Stoss, J. (2006). Ernæringsmessig Sammensetning Av rotatoriar dyrket på fire forskjellige för. Programkonferanse HAVBRUK 2006, Bergen, Norway, 29-31 March 2006.
- 38) Chakrabarti, R., **Srivastava, A.** and Roy, D. (2005). Phospholipid assay of *Daphnia carinata* using 1-D and 2-D NMR techniques. Abstarcts. Plankton symposium III, 17-20 March 2005, held at Figueira da Foz, Portugal.
- 39) **Srivastava, A.** and Chakrabarti, R. (2002). Biochemical composition of

Brachionus calyciflorus cultured in outdoor condition. Abstracts. The Sixth Indian Fisheries Forum, 17th - 20th December, 2002, held at CIFE, Versova, Mumbai, India.

- 40) **Srivastava, A.** and Chakrabarti, R. (2002). Culture of *Ceriodaphnia cornuta* using four different doses of organic manures. Abstracts. Second Indian Fisheries Science congress, 23rd -25th Oct. 2002. CIAE, Bhopal, India.
- 41) Chakrabarti, R. and **Srivastava, A.** (2002). Effects of culture medium dose manipulation in the production cycle of *Ceriodaphnia cornuta*. Book of Abstracts. World aquaculture 2002, April 23rd -27th, 2002 Beijing, China.

4. **Research Reports**

2010 Mineral requirements of Atlantic cod (*Gadus morhua*) larvae at first feeding.

Report submitted to Research Council of Norway

2005 Nutrient composition of rotifers. Report submitted to Research Council of Norway

5. **Popular articles/ Web Publications**

1. R. S. Daniel and **A. Srivastava** (2017). Optimizing culture of the weissflogii diatom. Global Aquaculture Advocate. 3 January 2017.
Link : <http://advocate.gaalliance.org/optimizing-culture-of-the-weissflogii-diatom/>
2. R.S.Daniel, **A. Srivastava** (2016). Novel Reactor for Indoor, High-Density Production of Diatoms, Global Aquaculture Advocate. April 2016.
Link:<http://advocate.gaalliance.org/novel-reactor-developed-for-indoor-high-density-production-of-diatoms/>
3. R. Shibu Daniel and **Ashutosh Srivastava** (2016). Unconventional Live Feeds: Opportunities and Constraints. Hatchery Feed Guide & Year Book 2016 from Hatcheryfeed.com.
4. **Ashutosh Srivastava** (2014). An in-depth analysis on prospects in marine science. Published in Science on 19 March 2014 at <http://click4admission.com/>
Link: <http://click4admission.com/Dr.-Ashutosh-Srivastava/An-in-depth-analysis-on-prospects-in-Marine-Science/Science-Articles/22>
5. **Ashutosh Srivastava**, Kristin Hamre, Joachim Stoss, Andreas Nordgreen

(2012). Uttesting av ulikejodforbindelser til anrikning av rotatorier (Norwegian). Date of publication 24th Jan 2012 at <http://www.forskningsradet.no>.

Link:

http://www.forskningsradet.no/servlet/Satellite?blobcol=urldata&blobheader=application%2Fpdf&blobheadertype=ContentDisposition%3A&blobheadervalue1=+attachment%3B+filename%3D%22Vedlegg7Uttestingavulikejodforbindelser.pdf%22&blobkey=id&blobtable=MungoBlobs&blobwhere=1274_482751374&ssbinary=true

Gene Sequence Submitted to Gene Bank

1) *Pseudomonas putida* strain CMST AIMST2 16S ribosomal RNA gene, partial sequence GenBank ACCESSION : MW757250.1

2) *Bacillus cereus* strain CMST AIMST1 16S ribosomal RNA gene, partial sequence GenBank ACCESSION: MW715054.1

GenBank accession numbers for nucleotide sequences:

BankIt2457749	ATPase8_Batagur MZ156018
BankIt2457749	ATPase6_Batagur MZ156019
BankIt2457780	CO1 MZ156020
BankIt2457783	12SrRNA MZ156021
BankIt2457795	CYTB MZ156022
BankIt2457800	ND1 MZ156023
BankIt2457800	ND2 MZ156024
BankIt2457802	CR MZ156025