


Curriculum Vitae

Full Name:	PRAKASH NAUTIYAL			
Designation:	PROFFESOR			
Department:	Zoology			
Campus:	Srinagar			
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Email	pn.mahseer@gmail.com ; prakash.nautiyal@outlook.com			
Education Qualification:	M.Sc.Zoology, Bhopal University, Bhopal (1979), D.Phil. in Zoology, HNB Garhwal University(1983)			
Teaching Experience:	32 Years 10 months	Research Experience: As JRF, SRF & Research Scientist	05 Years	
Research Interest and Fields of Specialization				
<p>1.Conservation Biology and ecology of the Golden Mahseer; Sympatric species; Fisheries Ecology.</p> <p>2.Aquatic Biodiversity; Major Aquatic floral (diatoms) & faunal groups (Invertebrates & Fish) and biogeography in the Indian Subcontinent;</p> <p>3.Habitat, Population & Community Ecology; Biomonitoring</p>				
Honours & Awards				
<p>1.Fellow, National Institute of Ecology, India</p> <p>2.Nominated for Fellow of National Academy of Sciences, India</p> <p>3.J S Datta Munshi Gold Medal 2009 by "International Society for Ecological Communication".</p> <p>4. Scientist of the Year Award, Bioved Society, Allahabad Feb 14, 2009</p> <p>5.Promising Scientist Zoological Society of India, Gold Medal, 2000</p> <p>6. Young Scientist Award for Best Paper Presentation (Gold Medal - Society of Bio - Sciences, 1989.</p> <p>7. Vth All India Seminar on Ichthyology, Mhow, 1984).</p>				
Member of Academic Institutions				
<p>1.Life member Indian Science Congress Association, Kolkata</p> <p>2.Life member, National Academy of Sciences, Allahabad, India</p>				
Membership of Scientific Organizations				
<p>1.National Institute of Ecology, New Delhi (Life member)</p> <p>2.Indian Fisheries Forum (Indian Branch)</p>				
Research Supervision (No. of Ph.D. Degree Awarded/Submitted/Registered)				
21 Awarded; 02 Registered				
Research Projects/ MoU undertaken				
<p>Completed-07</p> <p>1. Ecological Monitoring & Status of Fish Fauna in Hydropower Affected Alaknanda River;</p>				

GBPNIHESD (NMHS-PMU) ₹ 21 LAKH 2016-2019. Ref no: NMHS/SG-2016/ Date: 20-05-2016

2. Establishing the habitat preferences of selected Higher Aquatic Vertebrates in the identified stretches of the river Ganga. Sustainable Water Management of the Living Ganga Program, WWF-India [2009-2010]. Outlay ₹ .18,19,950
3. Sustainable utilization of mountain fishery resources – A partnership mode. Directorate of Coldwater Fisheries, Bhimtal, Uttarakhand, Duration 5 years [Jan 2009 to Dec 2012]. ₹ 8 Lakh.
4. Benthic diatom assemblages as biological indicators of trophic status (water quality) in the streams impacted by different landuse in Uttarakhand. (Proj.No. UCS&T/R&D/LS-33/06-07) UCOST, Dehradun, Uttarakhand. Duration 2 years [1.05.2007 to 31.04.2009] Outlay ₹ 11,48,000
5. Spatial and microdistribution of benthic macroinvertebrate community in Tropical Mountain streams of Garhwal region (SP/SO/C-42/98 dated 22 July, 1999, Duration 3 years [18.01.2002 to 17.01.2005] Outlay ₹ . 5,89,200, DST New Delhi
6. Diatom Biodiversity in the Himalayan Lotic Systems. Duration 2 years [01.05.1999 to 31.10.2001] Outlay Rs.2,80,040; Govind Ballabh Pant Institute of Himalayan Environment & Development, Kosi-Katarmal. GBPI/IERP98-99/04/565, March 23, 1999.
7. Migratory phenomenon of the endangered Himalayan Mahseer Tor putitora in relation to the Ecology of the river Ganga (14/28/92 – MAB/RE/01.06.94, Duration 3 years [01.09.94 to 30.8.97] Outlay: Rs. 13,80,738, MOEn & F, New Delhi).
8. River Valley Projects in Garhwal Region: Impact on the population dynamics of Himalayan Mahseer with emphasis on Bioconservation (J-11013/8/92-GPD, 24.9.92, Duration 3 years [04.02.93 to 03.2.96] Outlay ₹ . 5 lakhs; MOEn & F, New Delhi).

Administrative Experience

1. Vice Chancellor Nominee for Various Selection Committees
2. Incharge Head, Department of Zoology & Biotechnology/ Now Zoology
3. Incharge of Inter-College Teams for sports (Badminton) & Cultural Items
4. Member, BOS Zoology and Biotechnology (Now Zoology) since inception.
5. Micro-observer, Loksabha Elections
6. Convener, PG Admission Committee

Scientific Visits Abroad/ International Collaboration

Five International Diatom Symposium

1. **2 Posters** Araphid flora of the Vindhyan, Shiwalik and lesser Himalayan streams and rivers; Diatom flora in the mountain stream and river habitat of the Gangetic Drainage (West Himalaya): Achnanthaceae; **Oral** Ecological state of the diatom community of a typical lesser Himalayan stream impacted by anthropogenic activities 19th Diatom Symposium, International Society for Diatom Research LISTVYANKA, Irkutsk, RUSSIA, 28 August- 3 September, 2006
2. Attended only. Diatom Symp for German Speaking Scientists, Rostock Germany, March 10-13, 2005
3. **Poster**, Longitudinal variation in epilithic diatom community of a lesser Himalayan stream, the Khanda Gad. **Oral**, #A preliminary study of the diversity of diatoms in streams of the Mandakini basin (Garhwal Himalaya). 17th Diatom Symposium,

International Society for Diatom Research at OTTAWA, CANADA, 25-31 August 2002

4. **Poster** #Altitudinal variations in the pennate diatom flora of the Alaknanda-Ganga river system in the Himalayan stretch of Garhwal region 15th Diatom Symposium, International Society for Diatom Research, PERTH, AUSTRALIA, 28 September – 2nd October 1998
5. **Poster** #Altitudinal variations in the relative abundance of epilithic diatoms in some glacier and springfed Himalayan tributaries of the Ganga River System in the Garhwal region, 14th at TOKYO, JAPAN, 2-8 September 1996

International Collaboration: Indian-Danish Network project, First workshop , October 11th ~ 22th, 2019 on Arctic and Alpine Aquatic Science- implications of climate change on proglacial freshwater ecosystems functioning and services

Conference/Symposium/Workshop Attended during last five years (2015-2020)

International

2019

1. Himalaya Matters in a Changing World. A Conference to Celebrate the International Mountain Day. 9 December 2019, GBPNIESD, Kosi Katarmal Invited Talk on Status Of Aquatic Habitats And Endangered Fish Species In The West Himalaya on invitation by WII, Dehradun & Aquatic Biodiversity in Highlands India on invitation of WWF, New Delhi.
2. International Conference on Benthos (ICB), 6-8 March 2019 CUSAT, Kochi, Kerala, India . Invited Talk Macroinvertebrate Faunal and Assemblage Diversity in the Mountain and Plateau Rivers of North India,

2018

3. International Mahseer Conf. Bhutan Dec 2-8, Paro, Bhutan (**Attended as resource person**)
4. IRW, New Delhi 24-26 Nov. Can India Rejuvenate Ganga. **Invited as Subject Expert**
5. 31st Foundation Day 2018, DCFR Bhimtal **Invited as Subject Expert**
6. Regional meeting of **fish experts** from South Asia in Kathmandu, Nepal on April 29 and 30, 2018.
7. Promotion 'Indo French workshop on Water Treatment and Management' scheduled to be held at UPES, Dehradun on 28 – 29 March, 2018; **Invited Lecture on Biomonitoring using Diatoms.**
8. **Subject expert** "Biodiversity of river Ganga and its conservation for sustainable fisheries, CIFRI, Barrackpore, 15 March 2018.
9. Invited **resource person**; Freshwater Biodiversity in the Plateau Rivers of Central India; Current status of Golden mahseer fish stocks in Indian Himalayan Region & Integrating Biodiversity in Eflows. Adnat Silver Jubilee Convention International Symposium On Biodiversity And Biobanking, Jan 27-1Feb, 2018, IIT Gauhati.

2017

10. India Water Impact Summit, 4-7 December 2017, New Delhi, India, Subject Expert
11. Status, threats and requirements' facing Tor putitora on 5th April, during the opening day's sessions & Session Chair. International Workshop on Mahseer Conservation 5-7 April 2017, Hotel International Kochi, India. Jointly organized by Bournemouth University, United Kingdom, Mahseer Trust, United Kingdom & School of Fisheries

Resource Management & Harvest Technology, Kerala University of Fisheries and Ocean Studies, Kochi, India (KUFOS)

12. IUCN Red Listing workshop on 4th April 2017, Kerala University of Fisheries and Ocean Studies, Kochi, India

2016

13. Invitation to chair the technical sessions at the International Conference on the Advances in the Field of Health, Safety, Fire, Environment, Allied Sciences and Engineering (HSFEA 2016), 18-19 November, 2016
14. "Hydropower-Irrigation Nexus in Upper Ganga Headwaters" (HI-NEX): Research Outcomes and Policy Engagement Workshop, Nov. 11, 2016, Dehradun. Invited as Resource Person
15. Technical Workshop for Developing a Methodology to Identify Wild Rivers, March 17-18, 2016, Invited as Subject Expert. Venue: Hotel Padmini Niwas, Mussoorie, Uttarakhand

National

2019

16. Lecture- Aquatic Biodiversity, E-Flows; Refresher Course FDC HNBGU **resource person**
17. Invited **resource person**; t Hydropower Policy-Environmental Perspective with Doon Univ & FDC HNBGU, 27 Sept 2019

2018

18. "Indo French workshop on Water and Energy Studies (UPES)-Dehradun, India. March 28-29, **Invited speaker**: Diatoms as a biomonitoring tool.
19. Biodiversity of the river Ganga and its conservation for sustainable fisheries. 15.3.2018, CIFRI Barrackpore **Invited speaker**: Biomonitoring using benthic communities
20. Public Awareness on Water Development, Conservation and Management in Uttarakhand, March 9, 2018, HNBGU, Srinagar

2017

21. India Water Impact Summit, 4-7 December 2017, New Delhi, India, **Subject Expert**
22. CONSERVATION POLICIES FOR HILSA AND MAHSEER - NAAS Strategy Workshop, **Invited speaker** "Migratory Behaviour and Population Structure of Golden Mahseer in the Himalaya". Strategy Workshop on 'Conservation on November 7, 2017 New Delhi

2016

23. "National Conference on Developing Strategies and Institutions for Mahseer Conservation in India" September 09- 11, 2016 at School of Biotechnology, DAVV Indore, India. **Invited talk** on "Golden mahseer fish stocks: Assessing abundance and size -composition from angling records & research gaps in mitigation of hydropower impacts"
24. Hill Agriculture in Perspective, G B Pant Univ of Agri & Tech 26-28 Feb 2016. **Invited talk** on Sustainable Utilization of Mountain Fishery Resources In Uttarakhand.

2015

25. National Conference on 'Monitoring and Management of Drinking Water Quality' & XXVIII Annual Conference of National Environmental Science, Academy (NESA), New Delhi, 21-23, December, 2015 at Uttarakhand State Council for Science & Technology, (UCOST), Dehradun (Uttarakhand). **Invited as Session Co-ordinator**

26. "FORESTRY INTERVENTIONS FOR GANGA" DPR PREPARATION, FRI Dehradun 8 April 2015 Invited as **Resource Person**

Conference/Symposium/Workshop Organized during last five years (2015-2020)

1. Convener, .Indian-Danish Network project, First workshop on Arctic and Alpine Aquatic Science- implications of climate change on proglacial freshwater ecosystems functioning and service; HNB Garhwal Univ, Srinagar, October 11th ~ 22th, 2019 s
2. Organising Secretary, Biodiversity Day; Conservation of Himalayan Aquatic Biodiversity, Department of Zoology, HNB Garhwal Univ, Srinagar, October 5th December, 2019

Publications during last five years (2015-2020)

Journals

1. Nautiyal P and Dwivedi A C (2020) Age structure of carp and catfish catch as a tool to assess ecological health of fished stocks. Indian J Anim Sci
2. Nautiyal P and Dwivedi A C (2020) Growth checks in scales and age determination in some carps and catfish of Gangetic Plains. J Inland Fish Soc.
3. Raut S, Gupta N, Nautiya P, Everard M (2019) Re-establishment of fish passage for conserving threatened migratory species of West-Indian Himalayas. River Research and Applications. DOI: 10.1002/rra.3577
4. Nautiyal P and Dwivedi A C (2019) Fishery in the tributaries of Yamuna river (Ken river, Paisuni river) and Ganga river (Tons river). J Mountain Research 14 (2), 19-36
5. Gupta N, Vani Namchu C, Everard M, Nautiyal P, Sivakumar K, Johnson J. A., Laskar B A, Borgohain A and Kochhar I (2019) Potential impacts of non-native fish on the threatened mahseer (Tor) species of the Indian Himalayan biodiversity hotspot. Aquatic Conservation: Marine and Freshwater Ecosystems. DOI: 10.1002/aqc.3275 (IF=)
6. Kumar S, Nautiyal P (2019) State of benthic macroinvertebrate community in the Bhagirathi river ecosystem impacted by Hydroelectric projects. Indian J Ecol 46(4), 760-767 CARE
7. Kumar S, Nautiyal P (2019) Community Features of Benthic Macroinvertebrates and Bioassessment of the Stretch of Bhagirathi River Impacted by Maneri Bhali Stage I Hydroelectric Project. International Journal of Ecology and Environmental Sciences 45 (3): 311-315, CARE
9. Nautiyal P, Kumar S, Sharma N, Chauhan K, Kala K. (2019) Coldwater capture fishery in the Ganga headwaters having operational hydropower projects: A failing co-existence. J Inland Fish Soc. 51 (1): 06-23
10. Sharma A, Dubey V K, Nautiyal P Johnson J A, Rawal Y K Sivakumar K (2019) When nature decides who stays and who goes: Priority effects extirpating the non-native Brown Trout *Salmo trutta fario* L. population from a Himalayan River. Current Science 117(2):186-187
11. Pinder A C, Britton J. R, Harrison A J, Nautiyal P, Bower S D, Steven J. Lockett C S, Everard M, Katwate U, Ranjeet K, Walton S, Danylchuk A J, Dahanukar N, Raghavan R (2019) Mahseer (Tor spp.) fishes of the world: status, challenges and opportunities for conservation. Rev Fish Biol Fisheries. <https://doi.org/10.1007/s11160-019-09566-y> Print ISSN 0960-3166, Online ISSN1573-5184 First Online: 02 May 2019. IF 3.299;

UGC No.34077

12. Nautiyal, P 2018 Diet components, dietary habits, resource and its use in the coexisting catfish species. *J Inland Fish Soc.* 50(1), 9-21 ISSN:0379-3435
13. Singh U and Nautiyal P (2018) Sub-speciation tendency, genetic diversity and divergence of the *Schiothorax progastus* (McClelland 1839) in the tributaries of the Ganga river in Indian Himalayas. *Journal of Coldwater Fisheries* 1(1), 54-59
14. Singh R, Nautiyal, P, Nautiyal R (2018) Evaluation of the ecological state of the major streams located in Doon valley using diatoms as indicators. *Journal of Applied and Natural Science* 10(1), 500-506; DOI <https://doi.org/10.31018/jans.v10i1.1658>
15. Verma J, Nautiyal P and Srivastava P 2018 Ordination analysis for determining distributional patterns of diatom communities in different ecoregions of Indian subcontinent. *Bioscience Discovery* 9 (1 or 2),
16. Singh R, Nautiyal, R, Nautiyal P 2017 Variability in diatom assemblages of spring habitats in Valley. *J. Mountain Res.* 12, 59-65; ISSN: 0974-3030
17. Nautiyal P, Mishra A S, Verma J & Agarwal A. 2017 River Ecosystems of Central Highland Ecoregion: Spatial distribution of benthic flora and fauna in the Plateau rivers (tributaries of the Yamuna and Ganga) in Central India. *Aquatic Ecosystem Health & Management*; 20:1-2, 43-58 doi 10.1080/14634988.2017.1296324 UGC No. 8129
18. Gupta, N., Raut, S., Nautiyal, P, Johnson, J. A., Sivakumar, K., Mathur, V. B., 2017 Climate change and species distribution in the Himalayan biodiversity hotspot. *NeBIO [An International Journal of Environment and Biodiversity]*, 8(1), 1-5. ISSN 2278-2281(Online Version) ☀ www.nebio.info | www.neceer.org.in
19. Mishra A S and Nautiyal P 2017 Canonical Correspondence Analysis for Determining Distributional Patterns of Benthic Macroinvertebrate Fauna in the Lotic Ecosystem *Indian Journal of Ecology* 44(4): 697-705 NAAS Rating: 4.96 UGC No. 20760
20. Singh U, Nautiyal, P 2017 Length-weight relationship and relative condition factor of some hill stream fishes, India. *International Journal of Fisheries and Aquatic Studies* 5(3): 525-529 E-ISSN: 2347-5129, P-ISSN: 2394-0506
21. Singh U, Nautiyal, P 2017 Examining sub-speciation tendencies in the *Schizothoracinae* stock within Yamuna basin rivers (Yamuna and Tons) of Uttarakhand, India. *Journal of Mountain Research* 12, 13-18 ISSN: 0974-3030
22. Verma J, Nautiyal P, Srivastava P, 2017 Diatoms of the *Cymbella sensu lato* species of the two different eco-regions of the Indian Mountain Rivers. *Annals of Plant Sciences* 6 (10) , 1705-1710 ISSN : 2287-688X; [dx.doi.org/10.21746/APS.2017.10.4](https://doi.org/10.21746/APS.2017.10.4)
23. Verma J, Srivastava P, Nautiyal P 2017. Spatial Distribution and Diversity in Diatom Flora of the North Flowing Plateau Rivers (Bundelkhand, Central India). *International Journal for Research in Applied Science & Engineering Technology (IJRASET)* 5 (9), 937-947. ISSN: 2321-9653;
24. Verma J, Gopesh A & Nautiyal P. A study of certain physico-chemical characteristics of Chandraprabha wetland with special reference to aquatic biota. *National Academy of Science Letters. Impact Factor*; 0.396 ISSN: 0369-8203.
25. Dwivedi A C, Nautiyal P, Rizvi A F, Mayank P 2016 Landing scenario, size, age and population dynamic of *Labeo rohita*, *Tor tor* and *L. calbasu* response to need their restoration in the Vindhyan region, India. *J. Kalash Science* 4(1), 27-40

26. Verma J Gopesh A & Nautiyal P 2016 Biogeography and distribution of Bacillariophyceae in the Highland rivers of India. *International Journal of Applied Research* 2(4): 356-359 ISSN Print: 2394-7500 | ISSN Online: 2394-5869
27. Verma J Nautiyal P & Srivastava P 2016 Diversity of diatoms in the rivers of Bundelkhand plateau: A multivariate approach for floral patterns. In *International Journal of Geology, Earth and Environmental Sciences*. 6(1) 66-77. Online Index Copernicus Value (ICV) = 5.85 ISSN: 2277-2081
28. Verma J & Nautiyal P 2016 Pennate diatoms Gomphonema Ehrenberg from the Vindhya (Central Highland) and the Himalaya. *Phykos* 46 (1): 16-20.
29. Wantzen, K. M., Ballouche, A., Longuet, I., Bao, I., Bocoum, H., Cisse´ f L., Chauhan, M., Girard, P., Gopal B., Kane A., Marchese M. R., Nautiyal P., Teixeira, P., Zalewski, M., (2016). River Culture: an eco-social approach to mitigate the biological and cultural diversity crisis in riverscapes. *Ecohydrology & Hydrobiology*.16, 7-18 <http://dx.doi.org/10.1016/j.eco-hyd.2015.12.003>
30. Gupta, N., Nautiyal, P, Borgohain, A., Sivakumar, K., Mathur, V. B., Chadwick, M. (2014 –Online; 2016-Print Catch-and-release angling as a management tool for freshwater fish conservation in India. *Oryx*, 50(2), 250–256 [Fauna and Flora International *Oryx*-<http://journals.cambridge.org>; doi:10.1017/S0030605314000787, ISSN: 0030-6053 EISSN: 1365-3008 IF 1.91 (2014).]
31. Verma J, Gopesh A & Nautiyal P (2015). Biodiversity and distribution of Bacillariophyceae flora of the Vindhyan River of Indian Subcontinent. In *International Journal for Environmental Rehabilitation and Conservation* 5 (2), 1-8. ISSN: 0975 – 6272.
32. Verma J Nautiyal P & Gopesh A (2015). Seasonal variations in diatom richness, diversity and density of Chandraprabha river within sanctuary. *Journal of Kalash Sciences*, 3 (1); 21-25. ISSN 2321-7634.
33. Mishra A S and Nautiyal P 2015 Substratum as Determining Factor for the Distribution of Benthic Macroinvertebrate Fauna in a River Ecosystem. *Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci.* 86(3), 735-742 First Online April 2015 DOI 10.1007/s40011-015-0520-2. ISSN :0369-8211. IF 0.396 (2013)
34. Kumar P., Kumar R, Nagpure N. S., Nautiyal P, Kushwaha B Nawani C.D and Dabas A 2015. In vivo assessment of DNA damage in *Cyprinus carpio* after exposure to potassium dichromate using RAPD. *Turkish Journal of Veterinary and Animal Sciences* (IF=0.3) 39, 121-127. ISSN: 1300-0128 (Print), 1303-6181 (Online)
35. Nautiyal P Mishra A S and Verma J 2015 The health of benthic diatom assemblages in lower stretch of a lesser Himalayan glacierfed river, Mandakini. *Journal of Earth System Science JESS-D-14-00201R2* 124, (2), 383–394 ISSN: 0253-4126 IF 1.040 (2014). UGC No. 7157

Proceedings

36. Bartwal, T., Sharma, N., and Nautiyal, P., (2020) Bioassessment of hydropower impacted Alaknanda river: Applicability of diatom based indices and ecological values. In Joshi P C ed. "Researches in Toxicology and Pollution". M/S Today & Tomorrow's Printers and Publishers, New Delhi
37. Nautiyal, P., Sharma, N., and Bartwal, T. (2020) Bioassessing perturbations in

ecosystem structure of himalayan ganga-headwater-river serially impounded for hydropower. p. 1-74. In Joshi P C ed. "Researches in Toxicology and Pollution". M/S Today & Tomorrow's Printers and Publishers, New Delhi

38. Nautiyal, P. 2019. Macroinvertebrate Faunal and Assemblage Diversity in the Mountain and Plateau Rivers of North India, Nandan S B, Priyaja P, Jayachandran P R Compendium on Advances in Benthic Studies, Souvenir of the International Conference on Benthos (ICB, 6-8 March 2019), Directorate of Public Relations and Publications, CUSAT, Kochi, Kerala, India 272 pp. ISBN 978-81-936217-6-9.
39. Nautiyal R and Nautiyal P (2018) Health assessment of Loktak lake using diatoms as biological indicators (Chapter 1), pp 1-10. In Siddiqui N., Tauseef S., Bansal K. (eds.), Advances in Health and Environment Safety, Springer Transactions in Civil and Environmental Engineering, Springer Nature Singapore Pte Ltd.
https://doi.org/10.1007/978-981-10-7122-5_1; Book ID: 432149_1_En Book ISBN: 978-981-10-7121-8. Conference paper First Online: 29 December 2017
40. Sharma S, Nautiyal R and Nautiyal P (2018). Diatom flora in natural and regulated stretch of river Tons and Yamuna: Determining the impacts of hydropower projects on the river ecosystem, (Chapter 8), pp. 67-74. In Siddiqui N., Tauseef S., Bansal K. (eds.), Advances in Health and Environment Safety, Springer Transactions in Civil and Environmental Engineering, Springer Nature Singapore Pte Ltd.
https://doi.org/10.1007/978-981-10-7122-5_8; Book ID: 432149_1_En Book ISBN: 978-981-10-7121-8. Conference paper First Online: 29 December 2017
41. Nautiyal P, Mansi, Sharma N, Kumar P, Singh D (2018) Biological monitoring of water quality before and after completion of the hydroelectric project on the river Alaknanda at Srinagar – (Chapter 22), pp. 219-227. In Siddiqui N., Tauseef S., Bansal K. (eds.), Advances in Health and Environment Safety, Springer Transactions in Civil and Environmental Engineering, Springer Nature Singapore Pte Ltd.
https://doi.org/10.1007/978-981-10-7122-5_22 Book ID: 432149_1_En Book ISBN: 978-981-10-7121-8. Conference paper First Online: 29 December 2017
42. Mishra A S, Nautiyal P & Singh K R 2015. Distributional patterns of benthic macroinvertebrate fauna among the plateau rivers of Central Highlands ecoregion, India. P. 60-71. In eds. Pandeya K B, Mishra A S, Ojha R P, & Singh A K In eds: K.B. Pandeya, A.S. Mishra, R.P. Ojha, A.K.Singh; Advances in Bio-Sciences and Technology (as Proceedings of National Symposium on Advances in BioSciences & Technology) 2015, Nehru Gram Bharti Vishwavidyalaya, Allahabad. ISBN: 978-81-926925-9-3

Books

1. **TEXT BOOK** -Nautiyal P 2019 Methods in fisheries Science & Aquatic Ecology. Bishen Singh Mahendra Pal Singh, Dehradun ISBN 978-81-211-0997-0
2. Jyoti Verma, Asha Agarwal and Prakash Nautiyal (2016). Diatom communities of Doon and Vindhya region. Lambert Academic Publishing, pp. 144. ISBN-10: 3659796123
3. **MONOGRAPH**- Nautiyal, P. 2012 The Golden Mahseer (A Threatened Fish of Himalaya). Lambert Academic Publishing, Amazon Distribution GmbH,, Leipzig, pp 133; ISBN: 978-3-8473-0349-7

4. **OTHERS**-Verma Jyoti & Nautiyal, P. 2011 Lotic diatom diversity patterns in mountain chains (North India). Lambert Academic Publishing, Amazon Distribution GmbH,, Leipzig, pp 270: ISBN: 978-3-8465-0822-0
 5. Mishra A S & Nautiyal, P. 2011 Distribution of benthic macroinvertebrates in Central Indian rivers. Lambert Academic Publishing, Amazon Distribution GmbH,, Leipzig, pp 202: ISBN: 978-3-8465-9024-9
 6. Dwivedi, A. C., Nautiyal, P. 2010 Population dynamics of important fishes in the Indian region. Status and structure of commercial fishes in the Vindhyan river. Lap Lambert Academic Publishing, Amazon Distribution GmbH,, Leipzig, ISBN: 978-3-8433-5365-6
- Subject Books/ Journals by National level publishers/ State and Central Govt. Publications with ISBN/ ISSN numbers. (Attach a list of Publications in Annexure V)**
7. Nautiyal P & Singh H R 2009 Biodiversity & Ecology of Aquatic Environments. Narendra Publishing House, New Delhi, pp 394 ISBN; 978-81-906091-7-3
 8. Nautiyal et al 2005 Ecology & Diversity of Freshwater Environments Transmedia, Srinagar Garhwal, pp 333.ISBN 81-902751-6-X
 9. Compendium (Invited Lectures) 2006 Environmental Audit of Hydroelectric Projects for Sustainable Development (R. Nautiyal ed. P. Nautiyal Guest Editor) Govt. Degree College, Dak Pathar, India.
 10. Nautiyal P1994 (Compiled & Edited) Mahseer – The Game Fish [Natural History, Status and Conservation practices in India and Nepal] Jagdamba Prakashan, Dehradun.

Total Number of Research Publications: 204 RESEARCH PAPERS; 11 BOOKS.