

SCIENTIFIC CURRICULAR VITAE OF PROF.DR SUNIL KUMAR KATIYAR

1.	Name:	Professor(Dr.) Sunil Kumar Katiyar		
2.	Date of Birth:	10.02.1963		
3.	Address:	Hari-Sharda Niwas, Adarsh Nagar, Gyankheda, Tanakpur, Champawat, Uttarakhand.		
	City: Tanakpur	Pin Code: 262309	State: Uttarakhand	
4.	Mobile no. 8126222894,7985499466		EMAIL id: drsunilkumarkatiyar@gmail.com	
5.	Institute/ Office Address: Department Of Botany, HNB Government Post Graduate college, Khatima, Udham Singh Nagar, Uttarakhand. 262309 India.			
6.	Last Designation/Position: Professor Botany		Type of Institute: Govt. of Uttarakhand	
7.	Affiliated Organization: Department of Higher Education, Govt. Of Uttarakhand			
8.	Subject specialization: Ecology, Ecotechnology, climate Change & Biodiversity Conservation			
9.	Educational Qualifications.			

Examination/ Degree	Subject	Year	Division /Award	University/ Institution
B.Sc.	Zoology,Botany, Chemistry	1984	First Division	Kanpur University.
M.Sc.	Botany	1986	First division	Kanpur University
UGC+CSIR NET	LIFE-SCIENCES	1990	Qualified	UGC+CSIR NEW DELHI
Doctor of Philosophy (Ph.D)	Biosciences(Ecology)	1990	Degree Awarded	Barkatullah University Bhopal
B.Ed.	BOTANY	1994	First Division	Annamalai University.
Diploma in RS & GIS	RS & GIS	2002	Certificate Awarded	IIRS Dehradun Uttarakhand

FUWAI	Botany	2002	Fellow membership awarded	United writers association Chennai.
F.S.L.Sc	Botany	2022	Honorary fellowship	Society of Life Sciences, India
10.	Membership of professional /Scientific/ Academic Societies/ Associations			

Academic Societies/ Associations	Annual/ Life Member
Indian Science Congress Associations(ISCA)	Life Member 1997 onward
Indian Society of Remote Sensing (ISRSO	Life Member 2002 onward
Delhi University Botanical Society (DUBS)	Life Member, 2001 onward
New Yark Academy of Sciences(NYAS)	LIFE Member 1998 onward
Indian National Science Academy	Annual 1990
The Academy of Environmental Biology	Annual member 1996 to 2000)
International Society of Environmental Botanists (ICEB)	Life Member, 2002 onward
United writers association chennai	Life Member 2002 onwards
Academica uttarakhand.	Annual member 2005
American biographical research Institute, North Coralina.America.	Life Member 01.11.2005 Owanward.
National Academy of Science INDIA.	ANNUAL
Red talks Daily International	Annual member 2020 no. 1069
Institute of Scholars Bengluru	Life Member 15.03.2021 owanward.
Sociological Societies of Himachal Pradesh	Life Member 16.06.2021 ownward.
The society of Life sciences , Satna , (MP)	Life Member 2022 ownward
Indian Botanical Society.	Life Member 2022 ownward.
SKSS (Sarvhit Seva Smiti	Life member 2024onward
Glocal Environment and Social Association	Life member 2025 onward

11. Honours and Award received .

Name of Award

UGC Post Doctoral Award Year

1990 Field

Botany **Organization / Society/ Association**

University Grant Commission New Delhi

FUWAI

2002

BOTANY

UNITED WRITERS ASSOCIATION CHENNAI

“Bharat Excellence Award” & Gold Medal

2003

Science & Technology

Friendship Forum of India, New Delhi.

Man of the Year 2004 2004 Science & Technology American Biographical Institute, North Coralina
America.

2005 Research Board Adviser

Indo-Asian Theophrastus

Distinguished Scientist Award

Research Excellence Award 2021

SLS Recognition award

BEST SCIENTIST AWARD

Teaching and research excellence award

SKS LIFETIME ACHIEVEMENT AWARD

12. Employment Held:			
Name of the Post	Pay Scale	Employer	Duration
Education Officer M.P.State	2200-4000	Secretary General WWF-Indi 172 B- Lodi State New Delhi.	01-09-1989 TO 31-08-1990
UGC Research Associate	2200-100-2700	University Grant Commission New Delhi	01-09-1990 To 04-11-1993
Research Associate CAS University of Delhi	8000-100-10500	UGC Centre for Advanced Study in Botany, University of Delhi, Delhi.	05-11-1993 To 04-11-1998
Assistant Professor	15600-6000-39100	Department of Higher Education Govt. of Uttarakhand	29-12-1998 To 28-12-2002
Assistant Professor Senior Scale	15600-7000-39100	Department of Higher Education Govt. of Uttarakhand	29-12-2002 To 28-12-2007
Reader	12000-425-18300	BUNDELKHAND University, Jhansi, UP	Did not joined
Reader	15600-8000-39100	Department of Higher Education Govt. of Uttarakhand	29-12-2007 To 28-12-2010
Associate Professor	37400-9000-67000	Department of Higher Education Govt. of Uttarakhand	29-12-2010 To 28-12-2013
Professor	144200-10000-218 200 Level 14	Department of Higher Education Govt. of Uttarakhand	29-12-2013 To Till date
Research Board Adviser	Honorary	American Biographical Institute North Coralina America	01-11-2005 to till date
13. work Experience, Teaching, research, planning/ programme implementation.			

(a) ADMINISTRATIVE/EXTRA CURRICULAR ACTIVITIES & EXPERIENCE.

S.No	Administrative/ Extra Curricular	Designation	Duration
1	W.W.F-INDAI MP STATE	M.P.STATE EDUCATION OFFICER	1.09.1989-31.08.1990

2	ROVERS & RANGERS	COORDINATOR	2000-2001
3	College Examination Committee	Member Exame Committee	2002-2003
4	NAAC Committee	Local college coordinator	2002-2006
5	College Sports and Game committee	Sports secretary	23.12.2003-30.07.2006 & 2015-2016
6	College admission committee (commerce faculty)	Coordinator admission committee	July 1999 to july 2004
7	College admission committee Science faculty)	Coordinator admission committee	July 2005 to july 2014 & july 2015 to till date
8	College UGC committee	Coordinator	13.07.2001 to
9	UGC NETWORK RESOURCE CENTRE	Coordinator	9.08.2004 to.. 30 July 2006
10	College Non teaching welfare committee	Coordinator	09.08.2004 to 30.07.2006
11	Environmental education committee	Coordinator	July 2004 to June 2014
12	Acting Principal	Principal In-charge	16.05.2003-18.05.2003 16.06.2003 –
13	COP in Forestry and Wildlife	Coordinator	July 2005 to July 2014
14	College Proctorial board	Chief proctor	August 2015 to June 2020 August 2023 onward
15	Uttarakhand Open University	Centre Coordinator	July 2017 to till date
16	IQAC NAAC	Coordinator	July 2016 to till date
17	RUSA Committee	College Nodal Officer	October 2015 to till
18	College Purchase Committee	Coordinator	July 2017 to June 2020
19	FLYING SQUAD (HNBGU) Examination	COORDINATOR	2005-2007
20	HEAD OF THE DEPARTMENT	HOD	1998 – Till Date
21	PRINCIPAL	ADMINISTRATIVE	20 April 2021 to 11 March 2022
22	DUY CENTRE FOR EXCELLENCE IN AYUSH AND WELNESS	COORDINATOR	2023 ONWARD
23	COLLEGE ADMISSION COMMITTEE	COORDINATOR	2024 TILL DATE

(b) Reaserch and Teaching Experience.

Title of the Doctorate Degree Thesis	Trophic Status Of Wetlands Of Bhopal
Name of Supervisor for Ph.D Degree	Professor Dr D.K.Belsare D.Sc. Germany
Area of Research	Ecology, Ecotoxicology, Limnology, Lichenology & Biodiversity Conservation
Number of Research Publication To date	Fifty (60)
International	One(01)
National	Twenty(20)
Paper presented in National/ International Seminar/ Symposium/ workshop	Twenty eight (40)
Number of Research Articles	Twenty Three(25)
Numer of Books Published	Five(5)
Articles in news papers and magazines	Ten (20)
Research Experience	Thirty four Years (34)
CHAPTERS IN EDITED BOOKS	12(TWELVE)
Teaching Experience	Twenty Years (P.G.) and Twenty SEVEN Years
16. Number of M.Phil/Ph.D student Guided	Ten(10)
17. No. of Seminar / Symposium/ Workshop	(a)National : 63 (b) International:12

14. Seminar/ workshop/Symposium/Training course attended by Prof. (Dr). Sunil kumar Katiyar

INTERNATIONAL

S.No	International
1.	Second International Conference on Plants and Environmental pollution (ICPEP-2), February 4-9, 2002, National Botanical Research Institute, Lucknow. India.
2.	International Symposium on Ecology of Biological Invasions. December 4-6, 2003. School of Environmental Studies, University of Delhi.
3.	International conference Cooling the earth tactics for restoring climate order and saving the living planet, organized by department of environmental science, G B Pant university of agriculture, Pant Nagar Nainital, India, 15-17 November 2010.
4.	Third International Science Conclave: A Congregation of novel laureates, Indian Institute of Information Technology, Allahabad(UP) December 8-14, 2010.

5.	International Seminar on our Environment, Yesterday, today and Tomorrow, UP Pollution Controll Board Moradabad, December, 19-20, 2015.
6.	International conference on update in cancer prevention and research ICUCPR-2017 & Satellite conference on translational pharmaceuticals research trends and implications, B R Ambedkar Central University Lucknow.14-16 & 20 february 2017.
7.	100 th International conference on advances in Agriculture environment and bioscience, Carmel College for Women Numen Goa India, MARCH14-16, 2019.
8.	International webinar on space for infrastructure and sustainable development, singapur 24 November 2020.
9.	International Webinar on Current Trends and future prospects of plant sciences, Department of Botany, Govt. College, Patharia, Distt. Damoh(MP) December17, 2020.
10.	International conference on World earth day: Global forum for sustainable development. April 22, 2022
11	International Seminar on INTELLECTUAL PROPERTY RIGHTS,6-7 March, 2024 Government college patharia damoh MP
12	International conference on nature science and modern life style: issues and perspectives 28-29 December 2024,Sarve hit kalyan seva samiti shri puran singh auditorium lucknow

15. Seminar/ workshop/Symposium/Training course attended by Prof. (Dr). Sunil kumar Katiyar

NATIONAL

SEMINAR / WORKSHOP / CONFERENCES AND SYMPOSIUM ATTENDED

1	National Seminar on Role of Young Scientists in Environmental Conservation and Management 15-17 October, 1987, P G Department of Zoology, Magadh University Bodh Gaya Bihar.
2	National Seminar on Perspectives in Aquatic Biology, March 20-22, 1988, Department of zoology Aurangabad University.
3	National Seminar on experimental Zoology, September 28-30 1989,Department of Zoology, Magadh University Bodhgaya.
4	National Nature Leadership Camp December 11 – 17, 1989 National Defense Academy Pune, Maharashtra Pradesh. December 21 – 23, 1990,
5	84 th Indian Science Congress, January 3-8, 1997, University Of Delhi Delhi –110007.
6	National Symposium on Microves in Plant Improvement and Environmental Protection December 23-24 ,1997, Department of Botany, University of Delhi, Delhi –110007.

7	National Symposium on Sustainable Aquaculture February 20-21, 1998, Department of Botany, University of Delhi, Delhi –110007.
8	20th Annual Session of the academy of Environmental Biology, December 2-4 1999, department of zoology Andhra University, Visakhapatnam. AP.
9	National conference on conservation of Germplasm for Sustainable Development in 21st century The Himalayan Perspectives 24-25, November 2000, Department of Botany, R H Government College Kashipur, Uddham Singh Nagar
10	D U B S Golden Jubilee Symposium on Biotechnological Innovations in conservation and analysis of plant biodiversity February 7-9 2001, Department of Botany, University of
11	Eighty Eight Indian Science Congress “Food Nutrition and Environmental Security”, 3-7 January, 2001, IARI New Delhi.
12	National Symposium on Disaster Management and Conservation of Biodiversity, February 19-21, 2001 Department of Botany, Government Degree College, Lansdowne, Pauri Garhwal,
13	National Seminar on Democracy and Development Reference: Uttarakhand, 30 th September 2001, Department of Political Science, Government P G College Haldwani, Nainital.
14	89 th Indian Science Congress “ Health care, Education and Information Technology”, 3-7 January 2002, university of Lucknow UP.
15	National Seminar on Environmental Pollution and measures for doubling of fish production. Department of zoology, Patana University Patana. November 16-18, 2002.
16	90 th Session of Indian Science Congress ”Frontier Science and Cutting edge Technologies. January 3-7, 2003. Jana Bharti Campus Bangalore University, Bangalore.
17	Workshop on NAAC, September 19, 2003, MKP College, Dehradun, Uttarakhand.
18	Workshop on science and Technology for the development of Uttarakhand, February, 18-19, 2005, Bhimtal Nainital Uttarakhand.
19	93 th Session of Indian Science Congress”Integrated Rural Development – Science and Technology”. January 3-7, 2006. Acharya N.G. Ranga Agricultural University, Rajendra Nagar Hyderabad(AP) India.
20	Second Annual Conference Academica, Pt LMS Govt. P. G. College, Rishikesh, Uttarakhand, March 1-2, 2006.
21	National conference on Biodiversity related International Conventions: Role of Indian Scientific community, INSA New Delhi, March 8-10, 2006.
22	National Seminar on Dalit Literature past trends and present concern, Department of English, Govt. P.G.College, Lansdowne, Pauri Garhwal, October 4-5, 2010

23	National Seminar on Solid Waste Management, Department of Botany, Govt. P.G.College, Lansdowne, Pauri Garhwal September,27, 2007.
24	National Seminar on Natural Resources, their protection and conservation, Shahu Jain College, Najibabad(UP) August 30-31, 2008
25	National Seminar on Women Empowerment, Past Trends and future directions,Department of English, Govt. P.G.College, Lansdowne, Pauri Garhwal March 6-7, 2009
26	National Symposium on Biodiversity, Biotechnology and Man interdependence and future challenges, Department of Botany, Govt. P.G.College, Lansdowne, Pauri Garhwal, March 26-28, 2010.
27	National Seminar on Dalit Littrature past trends and present concern,Department of English, Govt. P.G.College, Lansdowne, Pauri Garhwal, October 4-5, 2010
28	National Seminar on Water Pollution and health hazards, Brahmanand P.G. College, Kanpur. February1, 2011
29	National Seminar on Globalization and education, Jagdish Saran Hind P.G.College,Amroha. February 18-19,2011.
30	World congress for man and nature, GloBAL Climate change and Biodiversity conservation, Department of Zoology and Environmental Science, Gurukul Gngri University, Haridwar, Uttarakhand, November 11-13, 2011.
31	National seminar on Bioresource management and global sustainability, Maharana pratap Govt. P.G.College, Hardoi, (UP) December 17-18, 2011.
32	National Conference on Environment and Biodiversity safeguarding ecosystem for humanity, Department of English, Govt. P.G.College, Lansdowne, Pauri Garhwal March 30-31, 2012.
33	National seminar on emerging consumerism in context to climate change: issues and challenges, Govt. P.G.College, Chamba.Himachal Pradesh.October , 3-5, 2012.
34	National conference on Role of Mathematics and its application in development of science and technology, Department of mathematics, Govt. P.G.College, Lansdowne, Pauri Garhwal March 21-22, 2013.
35	ICSSR Sponsored National seminar on overview of democracy in India, Govt. P.G.College, Lansdowne, Pauri Garhwal June 10-11, 2013
36	One day workshop on Intellectual property rights. Govt. P.G.College, Lansdowne, Pauri Garhwal August 31, 2013.
37	National seminar on retrospect and prospect of natural resources and disaster management in Uttarakhand Himalaya.Department of Botany,Dolphin P.G.Institute of biomedical and natural sciences, Dehradun, April, 10-11, 2014

38	UCOST Sponsored National Seminar on yoga naturopathy and Holistic health, Govt. degree College, banbasa, champawat,Uttarakhand, 27-28 August 2016.
39	5 th national conference on shifting paradigms of rural development, Govt. P.G.College, Bisalpur, Pilibhit. UP. 18-19 December, 2016.
40	Orientation cum capacity building workshop on functioning of study centres/ learner support centre in open distance learning mode of education, uou, haldwani, may, 27, 2019.
41	National webinar on Palaeobotany, and dendrochronology, department of botany, PTLMS Govt. P.G.College, Rishikesh, August 10, 2020
42	National workshop on Indian traditional heritage: constraints and opportunities, Inner wheel club Kanpur, August 22, 2020.
43	Regional webinar on promoting MAPs sector for sustainable development under post COVID-19 scenario in the western Himalayas .GB Pant national institute of Himalayan environment and sustainable development, August, 28, 2020.
44	Prof. B.N Dhavan memorial on line lecture series on recent developments in health and diseases, Department of Zoology, PtLMS Govt. P.G.College, rishikesh d dun, November 29, 2020.
45	One day Seminar on Integrated Ganga Conservation.Govt. Degree College, tanakpur, Uttarakhand, April, 11, 2021
46	National webinar on role of wetlands in biodiversity conservation, department of botany and zoology Patel Memorial National College, rajpura Punjab May 22, 2021.
47	NAAC Sponsored National Conference on Best Practices and their success stories in Higher Education Institutions 25-26 June 2021, Rathinam College of Arts and Science, Tamil Nadu.
48	One day National seminar on Biodiversity conservation.GDC, Tanakpur, JULY 28, 2021.
49	Two DAY National Seminar on E-granthayala. GDC, Tanakpur, December 15, 2021.
50	One day WORKSHOP ON Single use plastic , Consequences on Environment.GDC Tanakpur, December 18, 2021.
51	Three day Annual; Athletic Meet sponsored by SSJ university, Almora, GDC, Tanakpur, December 23-25, 2021.
52	One Day Regional workshop on Justice and Judiciary, GDC Tanakpur, January, 4 2022.
53	Three days on line workshop on arbuscular mycorrhizal fungi, biodiversity, taxonomy, and propagation, department of botany, rajive Gandhi university Rono Hills Doimukh 79112 arunachal Pradesh India , January 19-22, 2022.
54	Two day national seminar on Namami Gange and yoga.GDC Tanakpur, January 25-25, 2022.
55	ONE DAY National seminar on role of MSME in Economic Growth of uttarakhand, deptt of commerce, GDC Tanakpur, February, 26, 2022.

56	One day national Seminar On Role of Science and Technology in human Welfare. Deptt. Of Botany, GDC, TANAKPUR, February, 28, 2022.
57	One Day National Seminar on International Women's Day. Deptt. of hindi, GDC, Tanakpur, march8, 2022.
58	One day National Seminar on Social well Being a quality of life through National Service Scheme, Deptt of Political Science, GDC, Tanakpur, march 27, 2022.
59	Three days online workshop on Arbuscular Mycorrhizal Fungi: Biodiversity, taxonomy and propagation. April 2, 2022 Department of Botany, Rajive Gandhi University, Rono hills, Doimukh arunachal Pradesh
60	National Symposium on Contemporary issues in fisheries and aquaculture & 10 th annual session of the society of life Sciences 19-20 May, 2022.. College of fisheries, G.B.Pant University of agriculture and technology.
61	National Symposium on Current developments in climate resilient agriculture. September 16-18, 2022, Department of Zoology, Dr Hari Singh Gaur VISHWAVIDYALAYA SAGAR M.P.
62	MEGA STARTUP SUMMIT FEBRUARY 11-12, 2025 DUY UTTARAKHAND
63	National Summit on institutional leaders 2025 March 1-2, 2025 Vidya bharti uccah shiksha sansthan Doon Uniniversity Dehradun Deptt of Higher Education Uttarakhand

16.	TITLE OF THE PROJECTS WITH NAME OF FUNDING AGENCIES:
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Description of Completed / On going research Projects:

Title of Project	Name of Financing organization	Duration	Reference
Mapping Forest Plantations of FRI Using Aero Space Remote Sensing	Forestry and Ecology Division, I.I.R.S. (NRSA) Ministry of Space Dehradun, Uttaranchal.	Two month	C e r t i f i c a t e Awarded

Studies on the production of the phytochelatins and their role in regulation of metal availability and toxicity in algae of river khoh.	University Grants Commission NRO New Delhi.	Two Years	No. F S.1.3 (132)/2004 (MRP/NRCB) 31 ST March 2004 - 30 th March 2006.
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POST GRADUATE COLLEGE DEVELOPMENT PROJECT

Title of Project	Name of Financing organization	Duration	Financial assistance Rs.	Reference
XTH Plan UG/PG Development scheme	University Grants Commission NRO New Delhi	5 years	6,93600.00	F 1-7(11) 2003 (UG/PG)
Establishment of UGC network resource centre	University Grants Commission NRO New Delhi	5 years	1,50000.00	F.10 -3496/2004(COM P/ 3FEB.2004
CAREER ORIENTED PROGRAMME 1. Forestry and Wild life management. 2. Biological Techniques and Specimen preparation. 3. Gemology.	University Grants Commission NRO New Delhi	5 years	7,00000.00	F.4-58/2005(cop) date 17 December 2004.
RUSA PROJECT at GDC, Tanakpur for New construction, Rennovation and upgradation AND NEW FACILITIES	MHRD RUSA NEW DELHI	5 Years	2CRORES	2199/ xxiv(7)2016-90(2) /15 Dated 13.02.2016.

17. No of patents: NIL

18. No of review papers (Attach List): NIL

19. Chapters Published in Book and proceedings.

1	S K katiyar & Rachna Katiyar (1999): Microbes in bio-control of heavy metal pollution. In Advances in Microbial Biotechnology eds. J P Tiwari, T N Lakhanpal, Jagjit Singh, Rajani Gupta & B P Chamola, APH Publication Corporation, New Delhi 110002, India.
2	S K Katiyar & Rachna Katiyar (2009): Medicinal and Anti Bacterial Properties of Lichens of Lansdowne, garhwal, in indigenous medicinal plants including microbes and fungi, P.Kaushik edition, Today and tomorrow printer & publishers New Delhi, pp 91-118.
3	S K Katiyar & Rachna Katiyar (2010):The Lichen Family Parmeliaceae,Ascomycotina on lansdowne, Proceedings NSBBMIFC, pp 1-11.
4	S K Katiyar & Rachna Katiyar (2012):The role of biodiversity in creating and maintaining ecosphere In S.K.Katiyar & Rachna Katiyar edited book- on biodiversity, biotechnology and man interdependence and future challenges, pp109-138, biotec Books Darya Ganj Ansari Road New Delhi.
5	S K Katiyar & Rachna Katiyar (2012): mapping and characterization of Biodiversity at landscape level using satellite remote sensing and GIS: In S.K.Katiyar & Rachna Katiyar edited book- on biodiversity, biotechnology and man interdependence and future challenges, pp46-77, Biotec Books Darya Ganj Ansari Road New Delhi.
6	S K Katiyar H.P.Choudhary & Rachna Katiyar (2012): Biosafety of Biodiversity using transgenic technology for transgression of species integrity and species boundaries. In S.K.Katiyar & Rachna Katiyar edited book- on biodiversity, biotechnology and man interdependence and future challenges, pp139-162, Biotec Books Darya Ganj Ansari Road New Delhi.
7	Jaidevi &S K Katiyar (2012): A new approach to incentives under the convention of biodiversity. In S.K.Katiyar & Rachna Katiyar edited book- on biodiversity, biotechnology and man interdependence and future challenges, pp192-205, Biotec Books Darya Ganj Ansari Road New Delhi.
8	S K Katiyar & R. Katiyar (2012):global climate Change:human Impact on Ecosystem. In S.K.Katiyar & Rachna Katiyar edited book- on biodiversity, biotechnology and man interdependence and future challenges, pp163-192, Biotec Books Darya Ganj Ansari Road
9	Rajan Kumar Gupta, Himansu Rai , Anamic Tripathi and S.K. Katiyar(2012): Mapping of forest plantations in Forest research Institute, Dehradun using Aerospace remote Sensing in edited of mukesh kumar and R.K.Gupta pp 163-178 by I K International publishing house, New Delhi.
10.	S.K.katiyar & Utkarsh katiyar 2022: Application of Plant Biotechnology in the production of high quality medicines from medicinal plants. Recent Trends and advanvces in medicinal plants Research.P.K.Publishers and distributer ISBN No. 978-81-953735-8-1 2022.

11	S.K.katiyar & Utkarsh katiyar 2023: Bioremediation as A Strategy for Decontaminating Polluted Sites and Proliferating Plant Growth " with ID "E12S17G82-27AUPP32RSOCT4" submitted to IIP Book Series "IIPV3EBS17_G82 Futuristic Trends in Biotechnology" under
12	S.K.katiyar 2024:ETHNOBOTANY AND BIOTECHNOLOGY: FROM TRADITION TO MODERN ASPECTSFuturistic Trends inBiotechnologyIIP Series, Volume 3, Book, 20 Part 2, Chapter 3
13	S K Katiyar:
14	Karti Tandon, Ashok Kumar& S K Katiyar: 2026 THE TRIPLE HELIX OF SUSTAINABILITY: INTEGRATED PRODUCTION OF BIOFUELS, BIOPLASTICS, AND HIGH VALUE BIOMATERIALS. Emerging Trends in Biotechnology from laboratory to industry, IIP SERIES VOL.6 2026 PP 36-48

20.Research Articles Published.

S.No	Authors	Year	Title of the Article	Reference
1.	S K katiyar	1990	School Boys and Girls on NATURE Trails.	Dainik bhaskar Bhopal, Feb.21,
2.	S K katiyar	1995	The Shattered Ozone Shell,	Botanica 45, 97 –
3.	S K Katiyar & Rachna Katiyar	2000	An Introduction to Genus Artemesia Linn.	GDC Lansdowne Upatyka 88-91.
4.	S K Katiyar.	2001	Lichen Flora of Garhwal Himalayas	Proc. Indian Science Congress 2003.
5.	S K katiyar & Rachna Katiyar	2002	Forest Fires	Upatyka 31-40.
6.	S K Katiyar	2003	Floristic Diversity in India– an overview	Upatyka 2003
7.	S K Katiyar	2003	Lichens Silent witness of air	Academica 2005.
8.	S K Katiyar	2004	Ecotourism and its impact on forest conservation	Upatyka pp18-19 GDC Lansdowne
9.	S K Katiyar	2004	Existing Threats to Rhododendron and its Conservation in Western Himalayas	pp25-27, Upatyka, GDC Lansdowne.
10	S K Katiyar	2005	Plants as biomonitor of pollution.	Proc. Academica 2005
11.	S K Katiyar	2005	New scientific frontiers nanotechnology and future technology with vision.	Proc. Academica 2005

12.	S K Katiyar	2005	Sustainability science a challenge for new mellinium.	Proc. Workshop on science and technology 2005
13	S K Katiyar & Divya Jain	2013	Mushrooms Rapidly Developing area of Biotechnology for Nutrition and Therapy.	pp- 21-23 Upatyaka
14.	S K Katiyar	2013	Monitoring Biodiversity Quantification and Interpretation.	Satendra Kumars edited book , Biodiversity and its conservation . pp-15-39 published by Y King Books Jaipur ISBN No. 978-93-82532-07-1
15.	Jasbeer Singh & S K Katiyar	2013	Ecotourism and its Impact on Forest Conservation.	Satendra Kumars edited book , published by Y King Books Jaipur ISBN N o . 978-93-82532-07-1
16.	Abid Ullah Safeer & S K Katiyar	2013	Biodiesel : An Alternate Fuel.	p p 1 9 6 - 2 1 2 . Satendra kumars edited book on ecological conscious in litreture published by Y King Books Jaipur ISBN N o .
17.	S K Katiyar.	2016	Genetically modified foods: Harmful or Helpful.	Sharda magazine joint publication 2015-2019 pp-53-61
18.	S K Katiyar.	2016	An Integrated Approach to Disaster Management	Smarika, harella club, Tanakpur.
19.	S K Katiyar.	2016	Lakhon ka Pani recycle karta hai ped.	Hindustan hindi News paper, 18 July, 2016.
20.	S. K. Katiyar.	2020	Tips for future Career Roadline.	Amar Ujala hindi News paper. Date. February 20, 2020.

21.	S K Katiyar,	2021	Plant oxygen and CORONA during World Environment Day a challenge to balance during COVID-19 Pandemic.	June 5, Amar Ujala news paper pithoragarh edition.
22.	S K Katiyar	2021	Planning of Conservation of endangered medicinal plants of Himalayas.	Pighalta Himalaya news paper July7, 2021.
23.	S K Katiyar	2021	Himalaya is the Creator of Biodiversity.	Pighalta Himalaya news paper June18, 2021.
24.	S K Katiyar	2021	Healthy Environment is the first buffer against any natural hazards and disaster in Uttarakhand: Phytodiversity for the control of Soil Erosion and Flood.	Lok satya and Uttar ujala news paper July, 29,2021.
25	Utkarsh Katiyar & S.K.Katiyar	2022	Issues faced in fisheries practice at recent time	Proceedings National Seminar on contemporary issues in fisheries and aquaculture

21. Book Published/ Edited/ under publication

S.No.	BOOK DETAILS
1	Proceedings of biodiversity, biotechnology and man interdependence and future challenges
2	Edited book on Biodiversity, Biotechnology and Man Interdependence and future Challenges ISBN NO 978-81-7622-248-8
3	Upatyka 2015 JOURNAL OF RESEARCH ISSN NO.2278-8859
4	Editor, Sharda Annual Magazine of GDC Tanakpur, joint publication 2015-17
5	Futurestic trends in biotechnology, Iterative international publishers Karnataka. 2023
6	Advances in biotechnology, Research, Techniques and Application 048IIP2026S2_G9 2025
7	Emerging trends in biotechnology, from laboratory to industry. volume6, 2026 s105b2 IIP

22. No. of Original Research Papers Published in National AND International journals.

1	S K katiyar and D.K.Belsare (1990): Effect of nutrient level and chl-a on proyozoan colonization in urban wetlands, Proc. Indian, Nat. Sci. Acad, B – 56 – (4) 343 – 353.
2	S K katiyar (1995): Limnological studies on Bhopal lakes: Protozoan fauna of polymictic and homothermal lake, J. Fresh Water Biol. 7 (3) 159- 163.
3	S K katiyar (1995): Limnological studies on Bhopal lakes: Sampling and analysis of protozoan fauna of polymictic and homothermal lake, Hydrobiol, J., 31 (1) 36 – 44.
4	S K katiyar & D K Belsare (1997): Limnological studies on Bhopal lakes: Fresh water protozoan communities as indicators of organic pollution. J Environ. Biol. 18 (3), 271 – 282.
5	S K katiyar (1997): Effects of Zinc on fresh water microbial communities of river Yamuna around Delhi. Proc. Nat. Acad. Sci. India 67 – B (1) 67 – 72.
6	S K katiyar & Rachna Katiyar (2000): Effects of different concentrations of Zinc on three native phytoplankton of river Yamuna, J. Environ. Biol. 21 (2), 145-148 (2000).
7	S K Katiyar & Rachna Katiyar (2007): Lichens as bioindicators: Chemometerical classification of biomonitoring analytical data for heavy metals. Proc. Nat. Acad. Sci. India 77 B (I) 65-72

23. Research Papers Presented in Seminar/ Symposium/ Workshop

1	S K Katiyar and D K Belsare (1989): Trophic status of Bhopal wetlands in relation to surface water quality, Proceedings National seminar on role of young scientists in environmental conservation and management B N Pandey's Edition, 1 – 6, Magadh University Bodh Gaya.
2	S K katiyar and D K Belsare (1989): Effect of nutrient level in the wetlands of Bhopal Proceeding National Seminar on experimental zoology Magadh University Bodhgaya. (In Journal of zoological Society of India).

3	S K katiyar and D K Belsare (1988) Limnological studies on Bhopal lakes: Effect of chl-a on Protozoan communities of polymictic and homothermal lake, Proceeding 20th Annual Session of the academy of Environmental Biology, December 2-4 1999, department of zoology Andhra University, Visakhapatnam. AP. National Seminar on Perspectives in Aquatic Biology, March 20-22, 1988, Department of zoology Aurangabad University.
4	S K katiyar and Rachna Katiyar (1999): Biological Diversity: Ecology Health and Climate change Proc. 20th Annual Session of the academy of Environmental Biology, December 2-4 1999, department of zoology Andhra University, Visakhapatnam.
5	S K katiyar and Rachna Katiyar (1999): Biological Diversity: Ecology Health and Climate change National conference on conservation of germplasm for sustainable development in 21st century The Himalayan Perspectives 24-25, November 2000, Department of Botany, R H Government College Kashipur, Udhamsingh nagar.
6	S K Katiyar & Rachna Katiyar (1999): Role of Biodiversity in conservation of Phytodiversity. Proc. 20 th Annual Session of the academy of Environmental Biology, December 2-4, 1999,
7	S K katiyar & Rachna Katiyar (2000): Bio- Diversity and Climate change: Proc. National conference on conservation of germplasm for sustainable development in 21st century The Himalayan Perspectives 24-25, November 2000, Department of Botany, R H Government College Kashipur, Udhamsingh nagar.
8	S K katiyar & Rachna Katiyar (2001): The Role of local communities in Biodiversity conservation proc D U B S Golden Jubilee Symposium on Biotechnological Innovations in conservation and analysis of plant bio-diversity February 7-9 2001, Department of Botany, University of Delhi-110001.
9	S K katiyar & Rachna Katiyar (2001): Developing and sustaining the management of Wetlands Proc. National Symposium on Disaster management and Conservation of Biodiversity, February 19-21, 2001 Department of Botany, Government Degree College, Lansdowne, Pauri Garhwal, Uttarakhand.
10	S K katiyar & Rachna Katiyar (2001): Issue in Biodiversity conservation including the role of local communities, Proc. National Symposium On Disaster management and Conservation of Biodiversity, February 19-21, 2001 Department of Botany, Government Degree College, Lansdowne, Pauri Garhwal, Uttarakhand

11	S K katiyar V K Agrawal & Rachna Katiyar (2001): Prospects of sustainable Ecotourism, Proc. National Seminar on Democracy and Development Reference: Uttranchal, 30 th September 2001, Department of Political Science, Government P G College Haldwani, and Nainital.
12	S K katiyar & Rachna Katiyar (2002): Colonization dynamics of fresh water protozoan communities of Bhopal Lakes Proc. Second International Conference on Plants and Environmental pollution (ICPEP-2), February 4-9, 2002, National Botanical Research Institute, Lucknow. India.
13	S K katiyar & M. Sinha (2002): Aquatic Vegetation as Indicator of Sustainability of fresh water systems, National Seminar on Environmental Pollution and measures for doubling of fish production. Department of zoology, Patana University Patana. November 16-18, 2002.
14	S K katiyar & Rachna Katiyar (2003): 90 th Session of Indian Science Congress "Frontier Science and Cutting edge Technologies. The Lichen Family Parmeliaceae (Ascomycotina) on Lansdowne Uttaranchal India January 3-7, 2003. Jana Bharti Campus Bangalore University, Bangalore.
15	S K katiyar I.J. Singh and K. K. Das (2003): IKONOS application for land use, land cover mapping and change detection in forest plantation type of Forest Research Institute, Dehradun, India. Proc. International Symposium on Ecology of Biological Invasions. December 4-6, 2003. School of Environmental Studies, University of Delhi.
16	S.K. KATIYAR (2005): Sustainability Science a Challenge for the new Millenium proceeding workshop on Science & Technology for the development of Uttaranchal 18-19 FEBRUARY, 2005, Bhimtal, Nainital Uttaranchal.
17	S.K. KATIYAR (2005): "Plants as Biomonitors of Pollution" Proceeding First Annual Conference of ACADEMICA ,PP 9, Govt P. G. College, Haldwani, Nainital.
18	S.K. KATIYAR (2005): "NEW FRONTIERS: NANOTECHNOLOGY A FUTURE TECHNOLOGY WITH VISION" PROCEEDING First Annual Conference ACADEMICA PP 11. Govt P. G. College, Haldwani, Nainital.
19	S. K. Katiyar and R. K. Gupta (2006): Water resource management in the Himalayan region for poverty eradication. Proc. Academica, Second Annual Conference March, 1-2, 2006. Pt. LMS Govt. Post Graduate College, Rishikesh, Uttaranchal.

20	S K katiyar & Rachna Katiyar (2006): Lichens as Biomonitors of Pollution, National Conference on Biodiversity Related International Conventions: Role of Indian Scientific Community, March 8-10, 2006 Indian National Science Academy, Bahadurshah Zafar Marg, New Delhi.
21	S K katiyar (2007): Solid waste management and 3RS principle: one day seminar on solid waste management, govt. P.G. College, Lansdowne, pauri garhwal, Uttarakhand September, 26, 2007.
22	S.K. KATIYAR (2008): Environmental Impact Assessment and sustainable development. National seminar on natural resources "Their protection and conservation" Shahu Jain College, Najibabad,(UP)August 30-31.
23	S.K. KATIYAR (2009):Impowerment of women in coming years achievement and challenges: National seminar on Women Impowerment: past Trends and Future directions, Department of English, Govt. P.G.College,Lansdowne, Pauri, March 6-7.
24	S.K. KATIYAR (2010):Lichens as Bioindicators: Chemometerical classification of biomonitoring analytical data for heavy metals: National symposium on biodiversity, biotechnology and man interdependence and future challenges, Department of Botany, Govt. P.G.College,Lansdowne, Pauri, March 26-28.
25	S.K. KATIYAR (2010):Social backwardness of Dalit: National seminar on dalit litreture: Past trends and present concern, Department of English, Govt. P.G.College,Lansdowne, Pauri, March 6-7, 2009 .4-5, October.
26	S.K. KATIYAR& Sheetal Saliyan (2010): consequences of Climate change: International conference Cooling the earth tactics for restoring climate order and saving the living planet,organized by Department OF environmental Science, G.B.Pant University of Agriculture Pantnagar,Nainital, India 15-17 November,
27	S.K. KATIYAR(2010): Threats to biodiversity : Third Science Conclave: A congregation of Nobel laureates, Indian Institute of information Technology, Allahabad (UP)December 08-14..
28	S.K. KATIYAR (2011): The Diversity of lichens of Lansdowne: National seminar on Water pollution and health hazards, Brahmanand P.G.College, Kanpur, February 1, .
29	S.K. KATIYAR (2011): Globalization and its effects: National Seminar on globalization and education, Jagdish saran hindu P.G.College, amroha, February,18-19, .
30	S.K. KATIYAR (2011): Climate change and India: World congress for man and nature "global climate change and biodiversity conservation"department of Zoology and Environmental Science,Gurukul Kangri University, Haridwar, Uttarakhand. November, 11,12-13,
31	S.K. KATIYAR (2011): Biodiversity loss: Impacts on human health: National seminar on Bioresource management & global sustainability, Maharana Pratap Govt. P.G.College,, Hardoi,(UP), December,17-18.

32	S.K. KATIYAR (2012):monitoring Biodiversity Quantification and interpretation: National Conference on Environment and Biodiversity Safeguarding Ecosystem for Humanity, Department of English, Govt. P.G.College,Lansdowne, Pauri, March 30-31,
33	S.K. KATIYAR& Sheetal Saliyan (2012): Consumerism, Biodiversity and climate change:National seminar on “emerging consumerism in context to climate change: issues and challenges, Govt. P.G.College, Chamba, Himachal Pradesh. October3-5,
34	S.K. KATIYAR (2013):Ecological Modeling for Land use change:Current practice and research Priorties: National conference on role of mathematics and its application in development of science and technology, Department of mathematics, Govt. P.G.College,Lansdowne, Pauri, March 21-22,
35	S.K.Katiyar(2014) <i>Scope of Hazards and an integrated approach to Disaster Management in India</i> at National seminar on retrospect and prospect of Natural Resources and disaster management in Uttarakhand Himalaya, April 10-11, 2014.
36	S.K.Katiyar(2015) From Rio to Peris global climate change: International Seminar on our Environment, Yesterday, today and Tomorrow, UP Pollution Controll Board Moradabad, December, 19-20, 2015.
37	S.K.Katiyar(2021);Namami Gange Integrated Ganga Conservation Mission, ONE DAY NATIONAL SEMINAR, GDC, Tanakpur, march 16, 2021.
38	S.K.Katiyar(2022):Sustaible future integrated approach in science and technology, one day national seminar on science day, GDC, TANAKPUR, Feb.28,2022.
39	S.K.Katiyar(2022); Recent trends that show harsh reality of Global warming and climate change. National Seminar on Faculty development, IFTM Moradabad, February 21, 2022.
40	S.K.Katiyar(2022); Ethecal issues of Biotechnology one Day National Seminar on Science and Technology one day national seminar on science day, GDC, Tanakpur, Feb28, 2022.
41	S.K.Katiyar(2022);social well-being a quality of life through national service scheme, Nat conf on social justice, APJ abdul kalam college of technology, tanakpur, March 27, 2022.

24. No. of research communication. Two (2)

25. Professional Activities(member of professional committee or body)

Sl. No	Professional body	Activity	Participated as
1.	IFTM University,Lodhipur Rajput, Delhi road, Moradabad-244102 U.P.	Attended BOS Botany Meeting on	Member BOS Botany,
2.	IFTM University,Lodhipur Rajput, Delhi road, Moradabad-244102 U.P.	External expert of research degree committee(RDC) on	BOTANY External expert of research degree committee(RDC)

3.	IFTM University, Lodhipur Rajput, Delhi road, Moradabad-244102 U.P.	Attended BOS Botany Meeting on	Member BOD Botany,
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Pofessional Expertise/Training/ Orientation/ Refresher

S.No.	Pofessional Expertise/Training/ Orientation/ Refresher	Institute / University	Duration
1	Application of computer in Science	Department of Computer Science University of Delhi	One Month
2	Electron Microscopy SEM & TEM	USIC UNIVERSITY OF DELHI	One Month
3	Bachelor of Education plant sciences	Annamali University Tamil Nadu	One year
4	Ultra centrifuge, Atomic Absorption Spectrophotometer, Turbidity Meter, Liquid Scintillation, Micro photography and Tissue Culture Techniques.	USIC UNIVERSITY OF DELHI	One month
5	UGC Orientation Course	ASC, University of Allahabad	28 days
6	NNRMS TRAINING Course in Remote Sensing and GIS Application in Botany Ecology and Forestry.	IIRS Dehradun	Two month
7	Refresher course in Environmental Science	Department of Environmental Science, HNBGU Srinagar, Garhwal.	28 days
8	Refresher course in Life Sciences	CPDHE University of Delhi	28 days
9	Refresher Course in Environmental Sciences	Department of Environmental Science, University of Pune	28 days

26. Curriculum /Syllabus Designed

1. Designed syllabus of (HNB Garhwal central University) for one year Advanced Diploma Course in Cultivation of medicinal and Aromatic plants.

Designed syllabus of (HNB Garhwal Central University) for Three year Advanced diploma in Forestry and Wild Life Management

27. International / National/Symposium/ Seminar/ Session chaired/ Invited lectures

S.No	Name of International / National/Symposium/ Seminar/	Institute / University	Designation
1	National Symposium on Disaster Management and Conservation of Biodiversity, February 19-21, 2001	Department of Botany, Government Degree College, Lansdowne, Pauri Garhwal, Uttanchal.	Convener &Organizing secretary
2	National Seminar on Solid Waste Management, September,27, 2007.	Department of Botany, Govt. P.G.College, Lansdowne, Pauri Garhwal	Convener &Organizing secretary
3	National Symposium on Biodiversity, Biotechnology and Man interdependence and future challenges, March 26-28, 2010	Department of Botany, Govt. P.G.College, Lansdowne, Pauri Garhwal,	Convener &Organizing secretary
4	National Seminar on Globalization and education, J February 18-19,2011.	Jagdish Saran Hind P.G.College,Amroha.	Invited speaker & Chaired session
5	National seminar on Bioresource management and global sustainability, December 17-18, 2011.	Maharana pratap Govt. P.G.College, Hardoi, (UP)	Session chaired & invited
6	National Conference on Environment and Biodiversity safeguarding ecosystem for humanity, March 30-31, 2012.	Department of English, Govt. P.G.College, Lansdowne, Pauri Garhwal	Convener of the conference
7	National seminar on emerging consumerism in context to climate change: issues and challenges, .October , 3-5, 2012.	Govt. P.G.College, Chamba.Himachal Pradesh.	Chaired session
8	National seminar on retrospect and prospect of natural resources and disaster management in Uttarakhand Himalaya. April, 10-11, 2014	Department of Botany,Dolphin P.G.Institute of biomedical and natural sciences, Dehradun,	Chaired session
9	International Seminar on our Environment, Yesterday, today and Tomorrow, December, 19-20, 2015.	UP Pollution Control Board Moradabad,	Chief guest , invited speaker & session
10	International conference on update in cancer prevention and research ICUCPR-2017 & Satellite conference on translational pharmaceuticals research trends and implications,	B R Ambedkar Central University Lucknow.14-16 & 20 february 2017.	Chaired session

11	100 th International conference on Advances in agriculture environment and bioscience.	Carmel College for women Numen, Goa India March 14, 2019	chaired session
12	NAAC sponsored National conference on Best Practices and their success stories in Higher Education Institutions.	Rathinam college of Arts and Science. June 26, 2021	Chaired session.
13	National conference on global warming and climate change. IFTM Moradabad.	IFTM University, Moradabad. February 20, 2022.	Chaired session.

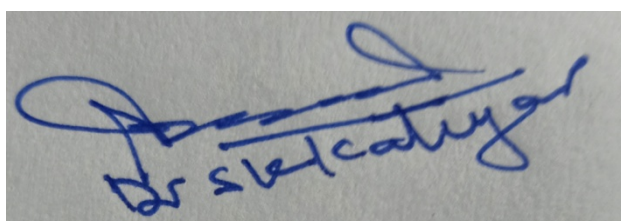
28. SYMPOSIUM / SEMINAR / CAMPS ORGANISED:

S.No.	Year	Activity
1	1990	Organized a three day Nature Orientation Camp at Ratapani Sanctuary (MP) on December 11 -14, 1990. (This camp was sponsored by WWF- India MP State Unit Bhopal).
2	2001	Organised a Three day National Symposium on Disaster Management and Conservation of Biodiversity, on February 19 - 21, 2001 at Department of Botany, Government Degree College Lansdowne, and (Jaiharikhal) Pauri Garhwal Uttarakhand India. The National Symposium was sponsored by: Ministry of Environment and Forests, Government of India, New Delhi. University Grants Commission (Northern Regional Office) Ghaziabad (UP). Department of Science and Technology, Government of India, New Delhi. Council of Scientific and Industrial Technology, Government of India, New Delhi.
3	2007	Organised One day National Seminar on Solid Waste Management, Department of Botany, Govt. P.G.College, Lansdowne, Pauri Garhwal September, 27, 2007.
4	2010	Organized three day National Symposium on Biodiversity, Biotechnology and Man interdependence and future challenges, Department of Botany, Govt. P.G.College, Lansdowne, Pauri Garhwal, March 26-28, 2010.
5.	2011	One Day Seminar on Red Ribbon and AIDS, GPGC, Lansdowne. December 1,
6.	2012	Organized 7 day day night NSS camp at Bhayashu, Jaiharikhal. December 28-January 3, 2012.
7.	2012	Organized One day Botanical excursion to acquaint Local flora of Kotdwara. Pauri Uttarakhand.
8.	2013.	Organized one day seminar on Aids, December 1, 2013
9.	2016	Massive tree plantation in the college campus on the occasion of Harela. July 17, 2016.

10	2016.	Organized Book fair for the purchase of books of various subjects at GDC Tanakpur, December 5, 2016.
11	2021	One day Seminar on Integrated Ganga Conservation. Govt. Degree College, tanakpur, Uttarakhand, April 11, 2021 NAAC Sponsored National Conference on Best Practices and their success stories in Higher Education Institutions 25-26 June 2021, Rathinam College of Arts and Science, Tamil Nadu..
12	2021	One day National seminar on Biodiversity conservation. GDC, Tanakpur, JULY 28, 2021.
13	2021	Two DAY National Seminar on E-granthaylaya. GDC, Tanakpur, december 15,
14	2021	One day WORKSHOP ON Single use plastic , Consequences on Environment. GDC Tanakpur, December 18, 2021.
15	2021	Three day Annual; Athletic Meet sponsored by SSJ university, Almora, GDC, Tanakpur, December 23-25, 2021.
16	2022	One Day Regional workshop on Justice and judiciary, GDC Tanakpur, January, 4 2022.
17	2022	Two day national seminar on namami gange and yoga. GDC Tanakpur, January 25-25, 2022.
18	2022	ONE DAY National seminar on role of MSME in Economic Growth of uttarakhand, deptt of commerce, GDC Tanakpur, February, 26, 2022.
19	2022	One day national Seminar On Role of Science and Technology in human Welfare. Deptt. Of Botany, GDC, TANAKPUR, February, 28, 2022.
20	2022	One Day National Seminar on International Women's Day. Deptt. of hindi, GDC, Tanakpur, march 8, 2022.
21	2022	One day National Seminar on Social well Being a quality of life through National Service Scheme, Deptt of Political Science, GDC, Tanakpur, march 27, 2022.

DECLARATION

I certify that the information above is accurate. I allow the organizer of this competition to use my information and photograph for the website, ads, brochure and other promotional collaterals in relation to the award. I will abide by the competition rules and regulations and respect the final decision arrived by the esteemed panels.



Full signature of the applicant.

Place: Tanakpur

Date: 18th day of September 2026