



Dr. Rishi Kumar Shukla

Qualifications	M.Sc., Ph.D., P.G.D.C.A.
Designation	Associate Professor
Teaching experience (Yrs./Acad. sessions)	16
Research experience (Yrs.)	25
Industrial Experience	09
Specialization	Organic Chemistry
Research Area(s)	Medicinal plants, Natural Product Chemistry, Environmental Chemistry, and Organic Analytical Chemistry
Teaching Area(s)	Organic Chemistry, Computer Applications in Chemistry, Vedic Chemistry
Trainings	09 Annexure-III
Total Publications	65
Research Papers	59 Annexure-I Souvenir Edited- 01, Books Written- 05, Annexure-II
Seminar/Conference Attended	38 Annexure-IV
Students Supervised (05)/ Registered for Ph.D.	(02):07 Annexure-V
Project Handled	01 Annexure-VI
M.Sc. Projects Supervised	81
E-mail	rkshukla@gkv.ac.in

Annexure-I

List of Research Publications: 59

1. R.K. Shukla and A.K. Indrayan, "Ag (II)-Bipyridyl Complex-Development as a Redox Titrant" *Asian journal of Chemistry*, 1995, 7(3) 645-647[ISSN 09707-077] SCOPUS
2. R.K. Shukla and A.K. Indrayan," Spectrophotometric studies of [bis (pyridine) silver (II)-peroxodisulphate] and kinetics and mechanism of oxidation of water by it in aqueous perchloric acid", *Indian journal of Chemistry*,1997,36A(1),53-56 [ISSN 09707-077] SCOPUS
3. R.K. Shukla and A.K. Indrayan, "The highly useful Musk mellow", *Gurukul Kangri Vijnana Patrika Aryabhata* ,1998,1(1), 59-62(Article)
4. A.K. Indrayan, R.K. Shukla and Rajeev Kumar,"Isolation and extraction of medicinally useful Dye from the Heartwood of *Artocarpus integrifolia* linn. using different solvents",*Asian Journal of Chemistry*,1999, 11(1) 141-143[ISSN 09707-077] SCOPUS
5. A.K. Indrayan, R.K. Shukla and Ms. Abha Shukla,"Trade in some important endangered medicinal plants in Dehradun, Hardwar and Saharanpur, the nationally vital region",*Journal of Medicinal & Aromatic Plant Sciences* (Proceedings of the national seminar on the frontiers of Research and Development in medicinal plants at CIMAP Lucknow in September 2000), (October 2000-March 2001) , Vol. 22/4A and 23/1A, 686-689[ISSN 0253-7125]
6. R.C. Dubey, A. Rana and R.K. Shukla," Antibacterial Activity essential oils of some medicinal plants against certain human pathogens", *Indian drugs*,2005, 42(7), 443-446[ISSN 0019-462X] SCOPUS [Impact Factor: 0.11]
7. R.K. Shukla and Abha Shukla,"Role of Vitamin C and Vitamin E as antioxidants for fitness", *Proceedings of National Conference at HPU Shimla*,2009, 95-96,[ISSN 978-81-905892-6-0]
8. Abha Shukla and R.K.Shukla,"Studies of chemical constituents and applications of *spilanthus acmella*", *J. of Chemistry in Asia*, 2010, 1(4)227-223[ISSN 0975-9468]
9. R.K.Shukla and Abha Shukla,"Chemical,Antimicrobial and Antioxidant studies of *Myristica fragrans*, *J. of Chemistry in Asia*,2011, 2(1)1-7[ISSN 0975-9468]
10. R.K.Shukla,"Quality control of Ayurvedic Medicines", *Smarika-Gurukul Kangri Pharmacy*, 69-70, 2002(Article)

11. Rishi kumar shukla, Deepak painuly, Abha shukla, Anirudh porval, “Phytochemical investigation and antimicrobial screening of extracts of *Litchi chinensis* leaves from Dehradun region, India”, *Environment Conservation Journal*, 2012, 13(1&2), 7-10 [ISSN 0972-3099 (Print) 2278-5124 (Online), 0.58]
12. Rishi kumar shukla, Anirudh Porval, Abha shukla, Deepak Painuly, “Preliminary investigation and antimicrobial screening of successive extracts of phytoconstituents from *Cassia fistula* of Haridwar region, India”, *Environment Conservation Journal*, 2012, 13(1&2), 57-62 [ISSN 0972-3099 (Print) 2278-5124 (Online) 0.58]
13. Rishi kumar shukla, Deepak painuly, Anirudh porval, Abha shukla, “Proximate Analysis, Nutritive Value, Total Phenolic Content and Antioxidant Activity of *Litchi chinensis*”, *Natural Products An Indian Journal (NPAIJ)*, 2012, 8(9), 361-369 (ISSN-0974-7508)
14. Rishi kumar shukla, Anirudh Porval, Abha shukla, Deepak Painuly, “Physico-Chemical Characteristics, Proximate analysis and Total Phenolic content of *cassia fistula* bark”, *Natural Products An indian Journal (NPAIJ)*, 2012, 9(4), 133-137 (ISSN-0974-7508)
15. Abha Shukla, Swati Vats, R.K. Shukla, Preliminary Phytochemical Screening, “Antibacterial and Nitric Oxide Radical Scavenging Activities of *Reinwardtia indica* Leaves Extract”, *International Journal of PharmTech Research*, 2013, 5(4) 1670-1678, (ISSN : 0974-4304) SNIP-0.599, SJR -0.117
16. Jashbir Singh, Rishi Kumar Shukla, Suresh Walia, “Sugar profile, total phenolic and antioxidant potential of anthocyanins rich *Syzygium cumini* fruit”, *Natural Products: An Indian Journal (NPAIJ)*, 2013, 9(9) , 350-354 (ISSN-0974-7508)
17. Rishi Kumar Shukla, “Phytochemical screening and evaluation of *Berginia ligulata* root extract for antimicrobial activity” *Environment Conservation Journal*, 2013, 14(3), 101-104, [ISSN 0972-3099 (Print) 2278-5124 (Online) 0.58]
18. Rishi Kumar Shukla, Deepak Painuly, Anirudh porval, Abha Shukla, “Proximate Analysis, Nutritional Value, Phytochemical Evaluation and Biological Activity of *Litchi chinensis* sonn. Leaves”, *Journal of herbs, spices and medicinal plants Print*, 2014, 20, 196-208 (ISSN: 1049-6475 print/1540-3580 online) SCOPUS [Impact Factor: 0.35] SNIP-0.449 , SJR -0.430
19. Rishi Kumar Shukla, Deepak Painuly, Abha Shukla, Jashbir Singh, Anirudh Porval and Swati Vats “*In vitro* biological activity and total phenolic content of *Morus nigra* seeds”,

J. Chem. Pharm. Res., 6(11)(2014), 200-210 [ISSN : 0975-7384 CODEN(USA) : JCPRC5] SCOPUS [Impact Factor: 0.90] SNIP -0.400, SJR -0.346

20. Ravindra Kumar, R.K. Shukla, Abha Shukla, Neelam Tyagi, D.S. Tyagi, and Neha Tyagi “Synthetic and Pharmacological Evaluation of some 4-Quinazolinone derivatives” Int.J. ChemTech Res., 6(7)2014, 3847-3850 [CODEN (USA): IJCRGG ISSN : 0974-4290] SCOPUS [Impact Factor: 0.59] SNIP-0.599, SJR -0.117
21. Rishi Kumar Shukla, Abha Shukla, and Swati Vats , “ Proximate Composition, Nutritive Value And Evaluation Of Antioxidant Potential Of Stem Of *Dracaena Reflexa* Lam” Int J Pharm Pharm Sci, 6(11) (2014) 360-364 [ISSN- 0975-1491 (Online)] SCOPUS [Impact Factor: 0.91] SNIP-1.770 SJR-1.449
22. Rishi Kumar Shukla, Deepak Painuly, Abha Shukla, Vineet Kumar, Jashbir Singh, Anirudh Porval and Swati Vats , “ Physical Evaluation, Proximate Analysis And Antimicrobial Activity Of *Morus Nigra* Seeds” Int J Pharm Pharm Sci, 7(1) (2015), 191-197 [ISSN- 0975-1491 (Online)] SCOPUS [Impact Factor: 0.91] SNIP-1.770 SJR-1.449
23. Jashbir Singh, Rishi Kumar Shukla, Suresh Walia, Abha Shukla, Khushbu Sharama, Deepak Painuly and Anirudh Porval “Chemical Characterization, Total Phenolics and Biological activity of *syzygium cumini* ”, *Annals of Bio-Agri Research* 19(40)(2014), 680-682 [ISSN: 09719660] SCOPUS [Impact Factor: 0.10] SNIP-0.03 SJR-0.11
24. Rishi Kumar Shukla, Anirudh Porval, Abha Shukla, Deepak Painuly, Jashbir Singh, Vineet Kumar, Rakesh Bhutiani and Swati Vats “Phytochemical screening, total phenolic content determination and antimicrobial activity of *Ocimum gratissimum* root”, *Journal of Chemical and Pharmaceutical Research*, 7(8) (2015), 1052-1056 [ISSN : 0975-7384 CODEN(USA) : JCPRC5] SCOPUS [Impact Factor: 0.90] SNIP -0.400, SJR -0.346
25. Abha Shukla, Swati Vats And R. K. Shukla, “Phytochemical Screening, Proximate Analysis and Antioxidant Activity of *Dracaena reflexa* Lam. Leaves”, *Indian Journal of Pharmaceutical Sciences*, 77(5) (2015) 640-644 [ISSN : 0250-474X, September-October] SCOPUS [Impact Factor: 0.479] SNIP -0.400, SJR -0.32
26. Abha Shukla, Ritu Tyagi, Swati Vats and Rishi Kumar Shukla, “Total phenolic content, antioxidant activity and phytochemical screening of hydroalcoholic extract of *Casearia tomentosa* leaves”, *Journal of Chemical and Pharmaceutical Research*, 8(1) (2016), 136-141 [ISSN : 0975-7384 CODEN(USA) : JCPRC5] SCOPUS [Impact Factor: 0.90] SNIP -0.400, SJR -0.346

27. Shukla Abha, Tyagi Ritu and Shukla Rishi Kumar, "Phytochemical screening and antioxidant activity of the leaves of plant *Casearia tomentosa*", *International Journal for Environmental Rehabilitation and Conservation*, 6(2)(2015),141-147[ISSN 0975 - 6272]
28. Abha Shukla, Swati Vats, Rishi Kumar Shukla, Deepak Painuly, Anirudh Porval, Ritu Tyagi, "Phytochemical Evaluation, Proximate Analysis and Biological Activity of *Reinwardtia indica* Dum. Leaves", *International Journal of Pharmacognosy and Phytochemical Research*, 8(5)(2016),750-755[ISSN: 0975-4873] SCOPUS [Impact Factor: 0.90] SNIP -0.29, SJR -0.22
29. Ritu Tyagi, Abha Shukla, Rishi Kumar Shukla "Phytochemical Screening And Pharmacological Evaluation Of Different Extracts Of Plant *Casearia tomentosa* Leaves", *International Journal of Pharmacy and Pharmaceutical Sciences* 9(4)2017,166-171[ISSN-0975-1491] SCOPUS [Impact Factor:0.91] SNIP-1.770 SJR-1.449
30. Ritu Tyagi, Abha Shukla, Rishi Kumar Shukla, Swati Vats, Chakit Tyagi, Anchal Choudhary, "Chemical Characterization and Pharmacological Evaluation of Essential Oil from Leaves of *Casearia tomentosa*", *International Journal of Pharmacognosy and Phytochemical Research*, 9(1) (2017), 141-149[ISSN: 0975-4873] SCOPUS [Impact Factor: 0.90] SNIP -0.29, SJR -0.22
31. Anchal, Abha Shukla, R.K.Shukla and Ritu Tyagi,"Evaluation of Antioxidant and Antidiabetic Capacity of Plant *Boehmeria rugulosa* Bark"*International Journal of Chem Tech Research*,10(13)(2017)324-332[ISSN:0974-4290] .SCOPUS.
32. Abha Shukla, Swati Vats, Rishi Kumar Shukla, Deepak Painuly, Anirudh Porval, and Jasbir Singh,"Evaluation of in vitro antimicrobial activity, qualitative phytochemical, proximate composition of leaf and stem of *Reinwardtia indica* Dumort: A comparative study"*Indian Journal of Natural Products and Resources*, 8(3) (2017)248-253 [ISSN:0976-0504] [SCOPUS and UGC].
33. Ravi Kant, Rishi Kumar Shukla, Abha Shukla, *A Review on Peach (Prunus persica): An Asset of Medicinal Phytochemicals*, *International Journal for Research in Applied Science & Engineering Technology*, 6(1)2018,2186-2200[ISSN: 2321-9653]
34. Abha Shukla, Amanpreet Kaur and Rishi Kumar Shukla" Comparative Evaluation Of Abts, Dpph, Frap, Nitric Oxide Assays For Antioxidant Potential, Phenolic & Flavonoid Content Of *Ehretia Acuminata* R. Br. Bark *International Research Journal Of Pharmacy*, 9(12) (2018) 100-104[ISSN 2230-8407] [UGC and Scopus].

35. Abha Shukla, Amanpreet Kaur, Rishi Kumar Shukla and Anchal “Comparative Evaluation of Antioxidant Capacity, Total Flavonoid and Phenolic content of *Ehretia Acuminata* R. Br. fruit ”Research J. Pharm. and Tech., 12(4)(2019) 1811-1816 [ISSN 0974-3618] [Scopus and UGC].
36. A comparative study of in vitro Antioxidant Potential, Photoprotective Screening of *Ehretia Acuminata* R. Br. Leaves , Abha Shukla Amanpreet Kaur and Rishi Kumar Shukla , Indian Drugs, 56(09) (2019) 30-36. ISSN 0019-462x SCOPUS.
37. Abha Shukla; Anchal choudhary and Rishi Kumar Shukla, Studies on physico-chemical characteristics, heavy metals and minerals components of leaves of *Boehmeria rugulosa* , Research journal of pharmacy & Technology, 12(5) 2093-97, 2019. ISSN 0974-3618
38. Ravi Kant, Rishi Kumar Shukla, Assessment of phytochemical screening by Fourier transform infrared spectroscopic analysis of peach (*Prunus persica*) seed biomass from Uttarakhand region of India, Journal of applied and Natural science, 12(4)(2020) 519-524. [ISSN:2231-5209] SCOPUS
39. R K Shukla and Keshari Nandan, Evaluation of in vitro antioxidant, antidiabetic and antimicrobial activities of petals of *Bombax ceiba* l Plant Archives Vol. 20, Special Issue (AIAAS-2020), (2020) 192-197 [ISSN 0972- 5210] SCOPUS
40. Shukla A., Pokhriyal P., Shukla R.K., Antioxidant Potentials of Successive Green Solvent Extract from The Unexplored *Ficus subincisa* Journal of Advanced applied scientific Research 3(1), 25-32, (2021), [ISSN:2454-3225] web of science.
41. Shukla R.K., Nandan K., Shukla A., Kaur A., Nutritional importance and phytochemical investigation of *Bombax ceiba* linn., Plant Archives, 20(AIAAS) 100-103, (2020). ISSN 0972- 5210 Scopus.
42. Shukla R.K., Nandan K., Shukla A., Kaur A., Phytochemical analysis and Nutritive Value of *Bombax ceiba* linn. (petals), Plant Archives, 20(1), 1201-1206, 2020 Scopus.
43. Shukla A., Kaur A., Shukla R.K., Evaluation of different biological activities of Leaves of *Ehretia acuminata* R. Br., Indian Drugs, 58(04) (2021) 42- 49. ISSN 0019-462x. SCOPUS

44. Shukla A., Choudhary A., Shukla R.K., Kaur A., Isolation and identification of two triterpenoids from ethyl acetate extract of bark of *Boehmeria rugulosa*, *Research Journal of pharmacy and technology*, 14(6), 2919-2923, (2021) SCOPUS.
45. Rishi Kumar Shukla, Kishan, A Review on European Plum (*Prunus domestica*) for its Pharmacological activities and Phytochemicals, *Research J. Pharm. and Tech.* 14(2), (2021) 1155-1162 0974-360X (Online) SCOPUS
46. Rishi Kumar Shukla, Kishan, Abha Shukla and Rahul Singh, Evaluation of nutritive value, phytochemical screening, total phenolic content and in-vitro antioxidant activity of the seed of *Prunus domestica* L. *Plant Science Today*, 8(4) (2021) 830–835 [ISSN 2348-1900 (online)] SCOPUS
47. Rishi Kumar Shukla, Ravi Kant, Assessment of phytochemical screening by Fourier Transform Infrared spectroscopic analysis of peach (*Prunus persica*) seed biomass from Uttarakhand region of India, *Journal of Applied and Natural Science*, Vol. 12 No. 4 2020 519-524 ISSN : 0974-9411 (Print) SCOPUS
48. Rishi Kumar Shukla, Kishan, A Review on European Plum (*Prunus domestica*) for its Pharmacological activities and Phytochemicals, *Research Journal of pharmacy and technology*, Vol. 14 No. 2 2021, 1155-1162, ISSN 0974-360X (Online) SCOPUS
49. Amanpreet Kaur, Abha Shukla and Rishi Kumar Shukla, In vitro antidiabetic and anti-inflammatory activities of the bark of *Ehretia acuminata* *Indian Journal of Natural Products and Resources*, Vol. 12(4), December 2021, pp. 538-543, ISSN: 0976-0512 (Online) SCOPUS
50. Kishan, R. K. Shukla, A. Shukla and R. Singh, *Proximate analysis, phytochemical screening, Total phenolic content and in-vitro antioxidant Potential of prunus domestica l. (seed coat)*, *Rasayan J. of Chemistry*, Vol. 15, No. 1, January - March 2022, pp 239-250, ISSN: 0974-1496 e-ISSN: 0976-0083, SCOPUS
51. Kishan, Rishi Kumar Shukla, Abha Shukla, Sahil Kumar, *Characterization of phytochemicals by GC-MS, in-vitro biological assays and micronutrient analysis by ICP-MS of prunus domestica L. seeds*, *Plant Science Today*, Vol. 9 No. 4, October 2022 pp 1058-1065, ISSN: 2348-1900 (Online), SCOPUS
52. Ravi Kant, Rishi Kumar Shukla, Abha Shukla, Vineet Kumar Vishnoi and Neelesh Babu, *An experimental assesment of antimicrobial Property of phytochemical derivatives Extracted from the peach (prunus persica l. Batsch) Leaves*, *Rasayan J. of Chemistry*, Vol. 15, No. 3, September 2022, pp 1888-1893, ISSN: 0974-1496, SCOPUS
53. Kishan, Shukla RK, Shukla A, Chandra H, *Nutritive value, phytochemical screening, total phenolic, in-vitro*

Biological activities and ICP-MS analysis of prunus domestica L. Leaves, IJBPAS, Vol.12 No.5, May 2023 pp 2283-2294, ISSN:2277-4998,SCOPUS

54. Rishi Kumar Shukla, supriya Dubey and Abha Shukla, *Metabolomic Profile by GC/MS and Antioxidant, Antidiabetic and Anti-Inflammatory Activities of Green Solvent Extracts of Heterospatha elata Leaves* Chem. Biodiversity, 2023, doi.org/10.1002/cbdv.202300340, ISSN 1612-1872, SCOPUS
55. Rishi Kumar Shukla, supriya Dubey and Abha Shukla, *Green synthesis, characterization, and biological activities of Zn, Cu monometallic and bimetallic nanoparticles using Borassus flabellifer leaves extract*, Current Chemistry Letters Vol. 12 2023 pp799–812 doi: 10.5267/j.ccl.2023.4.002, E-ISSN:1927-730X, SCOPUS
56. Supriya Dubey, Rishi Kumar Shukla, Abha Shukla, swati Vats, Priyanka Pokhariyal, Ajay Kumar, *A comparative study and characterization of green solvent and hexane extracted bioactive lipids from heterospatha elata fruit*, Biomedical and Pharmacology journal, Vol.16 No.4, December 2023 pp2041-2050, ISSN:0974-6242, SCOPUS
57. Deeksha Shakya, R.K. Shukla, Sonu Kumar, L.P. Purohit, *CuO/ZnO Type-II heterojunction modified by rGO nanosheets for improved photocatalytic mineralization of antibiotics*, Journal of Industrial and Engineering Chemistry, Vol.3, No.4, November 2023, pp1-14, ISSN 1226-086X, SCOPUS
58. Palak kansal, Abha Shukla, Rishi Kumar Shukla, *Lipidomic profiling and pharmacological activities of ficus drupacea oil: comparative study between conventional vs Green solvent*, Chemistry and Biodiversity, Vol.21 No.4 February 2024, pp1-12, ISSN:1612-1880, SCOPUS
59. Kishan, Rishi Kumar Shukla, Abha Shukla, Pankaj Budhlakoti. *Therapeutic potentials of characterized isolate from column chromatography by GC-MS and molecular docking of principle active of Prunus domestica L.* Indian Journal of Chemistry. Vol. 63, July 2024, 692-700, SCOPUS

Annexure-II

2. List of Books Published or as Edited: 06

S. No.	Title	Authorship-Sole	Publisher	Type
1.	Application of computers in Modern Chemical Analysis	Dr.R.K.Shukla	Bishen Singh Mahendra Pal Singh, Dehradun	International
2.	Phytochemistry	Dr.R.K.Shukla	Bishen Singh Mahendra Pal Singh,Dehradun	International
3.	Applied Practical Chemistry	Dr.R.K.Shukla	Educational Book Service, NewDelhi	National
4.	Practical Handbook of Organic Chemistry	Dr.R.K.Shukla	Educational Book Service,NewDelhi	National
5.	Selected Topics In Molecular Spectroscopy	Dr.R.K.Shukla	Educational Book Service,NewDelhi	National
6.	Smarika- Gurukul Kangri Pharmacy	Dr.R.K.Shukla (Editor)	--	--

Annexure-III

3. Training Courses /Workshop Attended: 09

S.No.	Name of Training/Course	Organized By	Duration
1.	Modern Analytical Instruments	Indian Institute of Petroleum, Dehradun	10 Days
2.	Standardization and Quality control of ISM Drugs	Pharmacopoeal Laboratory of Indian Medicine, Ghaziabad	15 Days
3.	Procedural Training –Honey	Regional AGMARK Laboratory, Kanpur	20 Days
4.	Production of ISM & H Drugs With Current GMP	Pharmacopoeal Laboratory of Indian Medicine, Ghaziabad	03 Days
5.	Orientation Course	Academic Staff College, Allahabad	28 Days
6.	Awareness Programme on ISO 9000:2000	FMS, Gurukul Kangri Vishwavidyalaya	01 Day
7.	UGC - Refresher Course/CPDHE,	Delhi University, Delhi	21Days
8.	Refresher course in Chemistry	Punjabi university Patiala from 25-09-17 to 14-10-17.	21Days
9.	workshop in research Methodology	Gurukula Kangri Vishwavidyalaya Haridwar from 4 th October 2018 to 13 october 2018.	10 days

Annexure-IV

4. List of papers presented in Conferences/ Seminars/ Workshops/ Symposia: 38

S.No .	Title of the Paper presented	Title of Conference / Seminar	Dates of Conference / Seminar	Organised by	International /National
1.	Chemical Principles in Vedas	Contribution of the Vedas to the world	27-30 January,2005	Gurukula Kangri Vishawavidyalaya, Haridwar	International
2.	Medicinal Plants ,Quality Consciousness and Traditional Medicinal Industry	Medicinal Plants: Conservation, Cultivation and Utilization	9-11 March,2006	Department of Zoology, Gurukul Kangri University, Haridwar	National
3.	Nutraceuticals and Good Performance for Sportsman	Professional and Scientific Approach of Physical Education in 21 st century	1-2 February,2008	Department of Physical Education, GKV, Haridwar	National
4.	Study of Adulteration in Raw Material for ISM Industry	27 th Annual Conference of Indian Council of Chemists	26-28 December,2008	Department of Chemistry, Gurukul Kangri University, Haridwar	National
5.	<i>Jatamansi</i> Oil as a Brain Relaxing Drug	Yoga, Mental Health and Society	23-24 May,2009	Govt. M.B.P.G. College, Haldwani	National
6.	Blood Sugar Control By Yogic Practices	Relevance of Yoga in the Present Context as a Science of Living	17-18 March, 2010	Govt. M.B.P.G. College, Haldwani	National
7.	Chemical Studies of <i>Myristica Fragrans</i>	Recent Trends in Chemical Research	4-6 September, 2010	Department of Chemistry, Meerut college, Meerut	National
8.	Indo-Canadian Urban air Pollution and its Effects on Human Health	Biodiversity and Environmental Governance in Canada and India	21-23 October,2010	Centre for Canadian studies, GKV. Haridwar	International
9.	Good Health and effects of vitamin E, Vitamin C and Aerobic Exercises	Modern Trends and Directions of Physical Educational & Sports	9-11 December,2010	Department of Physical Education, GKV, Haridwar	National
10.	Successive extraction, Phytochemical investigation and antimicrobial screening of <i>Litchi chinensis</i> leaves from Dehradun region, India	Global Climate Change & Biodiversity Conservation	11-13 November 2011	Gurukul Kangri University, Haridwar	International

11.	The Challenges of performance enhancing Drugs in Sports: A Review	Global innovations, strategies & policies in physical education & sports sciences	24-26 February 2012	Gurukul Kangri University. Haridwar	International
12.	Successive extraction, phytochemical screening and anti microbial activity of <i>Urtica Dioica</i>	Natural Resources and Environment	13/14 October 2012	Chinmaya Degree College, BHEL, Haridwar	National
13.	The removal of Phenolic compounds from Aqueous Solutions using low cost adsorbent	Status of environment and Biodiversity: RIO+20 and role of space technology	2/3 November, 2012	Gurukul Kangri Vishwavidyalaya, Haridwar	National
14.	Gramin Parivesh ke vikas me strisiksha aur swasthaya	Manavadhikar Sanrakshan	16/17 Feb 2013	FMS, Gurukuls Kangri Vishwavidyalaya, Haridwar	National
15.	Drinking water quality in India: Chemical Aspect	Environmental issues and challenges	9/10 November 2013	Devta P.G. College, Morna	National
16.	Chemical aspect of potable water and its quality in India	Management and Technology of Control of Disasters	23/24 November 2013	S.D College of Management Studies, Muzaffarnagar	National
17.	Ayurved Evam Rasayan Shastra: Parasparik Sambandh	Vaishwik Gyan-Vigyan Ke Paripekshya Me Vedon Ki Prasangikta	13-15 th March 2015	Department of Ved G.K.V. Haridwar,	National
18.	Evaluation of Nutritive Value of plant <i>casearia tomentosa</i>	Science and Technology for Human Development	20-21 st March 2015	The Indian Science Congress Association: Haridwar Chapter	National
19.	Vaman kriya dwara pitta santulan	Yogic Management of Life Style Disorders	30-31 st March 2015	Department of Human Consciousness & Yogic Science, G.K.V. Haridwar,	National
20.	Medicines known as Doping Agent	Present Innovative Approaches and New Paradigm in Physical Education	29 th August 2014	Department of Physical Education and Sports G. K.V. Haridwar	National

21.	Physical evaluation, proximate analysis and nutritive value of <i>Ocimum gratissimum</i> Leaves	Science & Technology for Indigenous Development in India	28-30 September 2015	The Indian Science Congress Association : Haridwar Chapter and Faculty of Engineering & Technology Gurukul Kangri Vishwavidyalaya, Haridwar 249 404, Uttarakhand	National
22.	Comparative study of antioxidant activity of <i>Cassia fistula</i> and <i>Rainwarditia indica</i>	Recent Sciences Advances in Biological and Pharmaceutical Sciences	5 th December 2015	Indian Pharmacy Graduate Association Uttarakhand State Branch Venue: (IDPL), Rishikesh, Uttarakhand	National
23.	Physical evaluation, proximate analysis and nutritive value of <i>Prunus persica</i> Leaves	Science & Technology for National Development	November 20-22, 2016	The Indian Science Congress Association : Haridwar Chapter and Department of Chemistry Gurukul Kangri Vishwavidyalaya, Haridwar 249 404, Uttarakhand,	National
24.	Scope of faith in research	National workshop on research Methodology	18.12.2018	Faculty of Health sciences, GKV, Haridwar	National
25.	Planning strategies in Research	National workshop on research Methodology	22.12.2018	Faculty of Health science, GKV, Haridwar	National
26.	Evaluation of antioxidant activity from <i>Ehritia Accuminata</i> bark	Recent Advancements in Natural Products Chemistry and Nanotechnology (RANPCN)	9-10 September 2019	Department of Chemistry, H.N.B. Garhwal University, Srinagar	National
27.	Catalysis, Intermediates and Characterization: An overview	Indian Analytical Congress	12-14 December 2019	Indian Society of Analytical Scientists, Delhi Chapter and FICCI	International
28.	Fermentation Processes and Applications	INSPIRE INTERNSHIP CAMP,	24 January 2020	Department of Geology, H.N.B. Garhwal University, Srinagar	National

29.	Evaluation of the physical parameter and proximate analysis of plum (<i>Prunus Domestica</i> L.)'s seed and seed coat	Science and Technology: Rural Development,	15-16 February 2020	ISCA Haridwar Chapter, GKV, Haridwar	National
30.	Effect of Green Solvents extraction on phytochemical component and biological activities of <i>ficus subincisa</i> leaves	International Conference on Applied sciences & Engineering (ICIRASE-2021)	20-21 February 2021.	organised by RIT Roorkee,	International
31	Assessment of the Nutritive value of <i>Prunus Domestica</i> L.	Recent Trends in Chemistry of Materials 2021,	September 20-24, 2021	The ICFAI University, Tripura	International
32	Preliminary phytochemical investigations of <i>Prunus domestica</i> L.(Leaves)	Recent Trends in Science, Technology, Management & Humanities	March 29, 2022	Jagannath University, Bahdurgarh, Haryana	International
33	Gas Chromatography -Mass Spectrometry (GC-MS) Analysis of <i>Prunus Domestica</i> L.	Recent advances in computational Mathematics & Engineering	30-31 May 2022	B.K.Birla Institute of Engineering & Technology, Pilani, Rajasthan	International
34	Sophisticated instrumental analysis and biological activities of <i>Prunus Domestica</i> L.	Environment and Human Health: Global Issues	7 & 8 December 2022	Department of Botany and Microbiology, GK(DU), Haridwar	International
35	Total phenolic content, anti-oxidant and anti-bacterial activities of <i>Prunus domestica</i> L.(Leaves)	Science and Technology for all	19 March 2023	ISCA Haridwar & Department of Chemistry, GK(DU), Haridwar	National
36	Micronutrient analysis using ICP-MS and anti-bacterial activity of <i>Prunus Domestica</i> L.	Knowledge, cultural traditions and practices of India	29-31 March 2023	Gurukul Kangri University Haridwar	International
37	Therapeutic Potential of Some Medicinal and Aromatic Plants of Uttarakhand	Uttarakhand ke itihaas ke vividh aayam	16 May 2023	Department of Ancient History & Culture. GK(DU), Haridwar	National
38	Vedic Chemistry vs modern chemical Methods	Ved vijnana & Sanskrit Mahakumbha	23-25 December 2023	GK(DU), Haridwar	International

Annexure-V

6. Students Supervised (06)/ Registered for Ph.D.(01):07

S. No.	Name of Student	Title of Thesis	Year of Award/ Registration
1.	Jashbir Singh	Isolation, purification and evaluation of <i>Syzygium cumini</i> and <i>Daucus carota L.</i> Derived anthocyanins for nutraceutical traits	Awarded - 2014
2.	Deepak Painuly	Phytochemical investigation and pharmacological evaluation of <i>Litchi chinensis</i> and <i>Morus nigra</i> of Dehradun region for anti-diabetic activity	Awarded - 2015
3.	Anirudh Porval	Extraction, phytochemical screening and antimicrobial study of <i>Cassia fistula</i> and <i>Ocimum gratissimum</i> of Haridwar region	Awarded – 2016
4.	Ravikant	Phytochemical Investigation and Biological Activities Of <i>Prunus Persica</i> of Rishikesh Region	Awarded – 2022
5.	Keshari Nandan	Study Of Biologically Active Constituents Of <i>Bombax Ceiba L.</i>	Awarded – 2021
6.	Kishan	Phytochemical Screening and Biologicallogical Evaluation of <i>Prunus Domestica L.</i>	Awarded - 2023
7.	Deeksha	Synthesis and Characterisation of grapheme oxide-Metal oxide nanocomposite for photocatalytic applications	Registered -2018

Annexure-VI

7. List of Project Handled: 01

S. No.	Title	Agency	Period	Grant (Rs lakh)
1.	Phytochemical Screening of <i>Litchi chinensis</i> and <i>Cassia fistula</i> of Haridwar and Dehradun Region	UGC	02 Years (Aug 2011-June 2013)	1.40 (Minor)