**Resume/Biodata**

Faculty Name : Dr. Narinder Kumar

Designation Associate Professor since 2014

Qualification M.Sc., PhD, ( Post.Doc.Pursuing)

Area of Specialization: Zoology (Life Sciences)

Area of Research : Toxicology (Toxicity, Genotoxicity &Safety Pharmacology)

College: GGMSc College, Jammu

Email : narinderbhagatt@gmail.com

Mobile No. 09419100392

Date of appointment: 7th Sept., 2000

**Summary.**

**Achievement and Award**:

**Examination Committee**

**Associated with examination committee for 4 years**

**Have been conducting exams for last 22 years.**

Workshops

* Trends in Bioinformatic and Fostering Scientific temperament and explaining Natural phenomena through inquiry base Method organized by SMVDU,Katra.2009.
* One day Workshop onCrustacean Taxonomy with special reference to Prawn organized by GGMSc. College, Jammu 2017.
* One Week Workshop on Practical Skill Enhancement in Zoology organized by deptt. of Zoology university of Jammu,2018.
* National Work shop on CSIR-AROMA Mission: Value addition of high value aroma ingradient for socio-economic upliftment and rural prosperity organised by CSIR-IIIM, Jammu 2018.
* One week FDP-Cum-Workshop on Personality Development and Communication Skills organized by Govt. Degree College, Udhampur from 22-28thjuly, 2019.
* One Week Faculty development programme was attended organized by RPS group of Institutions Mahendergarh, Harayanaw.e. f. 21 to 27 May,2020.
* Three Days FDP Webinar on “E-Learning: Tools for Teaching & Learning”, was held on 01 to 03, June 2020 organised by department of Computer Sciences M.A.M. PG college, Jammu.
* Participated in Three Days Online Training Course On“Ethics and Values in Public Governance” Sponsored by DOPT, Government of IndiaFrom 22nd to 24th December, 2020.
* Participated in One Day International Level Webinar onWorking with PEOPLE- EMPATHY, MINDFULNESS AND BALANCE organized by Dr.M.G.REDUCATIONAL AND RESEARCH INSTITUTE(Deemed to be University with Graded Autonomy Status)Maduravoyal, Chennai - 600 095. Tamilnadu. India. On 11th December 2020*.*
* Participated in 07 DAY WORKSHOP ON“FUNDAMENTALS OF BIOINFORMATICS organized by Institute of Human Genetics, University Jammu In collaboration with Department of Zoology, University of Jammu(”01-07 MARCH, 2021).

**Seminers**

* Biodiversity-Sustainable Development & conservation
* Enhancing Educational Opportunities for Economic Empowerment of Women, Higher Education for Quality Enhancement&Role of I.T in the Development of Country.
* National level Seminar on emerging trends and challenges in Biodiversity Conservation organised by deptt. of Zoology university of Jmmu,2018
* National level Seminar on Science and Technology for the unreached: Notions,values and applicability (Reproductive toxicity study of Cassia Occidentalis in Wistar rats) organised by GDC, Samba,2018.

Symposia

* Interdisciplinary Sciences.
* National e-Seminar on Bioprospecting through Apiculture: PostCovid- 19 scenerio in India was attended and held on 20th May,2020 on World Honey day organized by KVIC, Nagpur, C.S.B.R. and PGTD Zoology, RTM Nagpur university, Science college,PauniBhandara and Science college Ramtek, Nagpur.

Conferences:

* Status of Cold Water Fisheries,Science for Societies & Interdisciplinary Sciences & Humanities
* National Conference on Interdisciplinary Sciences and Humanities (Herbal plant; Cassia Occidentalis and its mutagic potential)organised by govt. Postgraduate college,Rajouri 2017.
* National Conference on Interdisciplinary Sciences and Humanities ( Ethno-medicinal plants study of Akhnoor belt) organised by govt. Postgraduate college,Rajouri,2018.
* International conference on Interdisciplinary Sciences organized by Electronic department of university of Jammu( In-vitro and In-vivo genotoxicity of Cassia occidentalis), 2019.
* 2nd Session of J&K Science Teachers congress catalyzed and supported by J&K State Science and Technology & Innovation Skills March25th-27th, 2019(Paper presented- Medicinal values of *Cassia occidentalis).*
* International conference on applied biology(ICAB-2019) and first annual convention of society of Biologists held at Shri Mata vaishno Devi university, Katra,J&K-India 4th-6th Nov., 2019 (Paper presented Safety pharmacological Study of hydroalcoholic extract of Cassia occidentalis(CO-A002).
* International Web Conference on Science, Engineering & Technology (IWCSET-2020) held on May 15-16, 2020, organised by Society of technologically advance materials of India.
* International Webiner on Covid-19 Challenges and Oppertunities for Sustainable development held on 5-7th june,2020 on occasion of World Environment day, and organized by department of Environment Sciences Satna university in association with National academy of Sciences India Bhopal chapter.
* Certificate for appreciation was awarded for excellent performance in the e-Quiz on “Discoveries & Nobel Prizes” jointly organized by Department of Applied Science and Humanities, Jhulelal Institute of Technology, Nagpur and Raman Science Centre & Planetarium, Nagpur in association with Society of technologically advance materials of India on 2-6-2020.
* Participated in the webinar on “Coastal Ecosystems and its Importance” organised by the Department of Environmental Studies, Bharati College, University of Delhi on World Environment Day, 5th June 2020.
* Molecular taxonomy and DNA Barcoding : Concepts, Methods and Applications was participated and held on 20th May,2020 organized by Botany under the aegis of Internal Quality Assurance Cell (IQAC) R.D and S.H. National college department of and S.W.A science college Bandra Mumbai
* Webinar on “Developing Career Oriented Skills during Pandemic Period”Organised by Department of Applied Science on 30th May 2020 RPS group of Institutions Mahendergarh,Haryana.
* Online Covid-19 Awareness Quiz Program on was held on 26th May,2020 organized by department of Computer Sciences in collaboration I.Q.AC.,S.P.M.R. college Jammu scored 90/100.
* One day webinar entitled, “COMMEMORATION OF WORLD OCEANS DAY” conducted by Department of Marine Science, School of Marine Sciences, Bharathidasan University, Tiruchirappalli-24 on 08th June, 2020 was attended.
* One day webinar entitled, “Plan your Research effectively using scopus and Science Direct from Elsevier” conducted by Department of Dhanvantri Library Sciences, Jammu University, on 29th May, 2020 was attended.
* One day National Webiner on topic Covid Crisis and Philosophy of Bhagvat Gita organized by Kolhan University Chaibassa, on 4th of August ,2020.
* Faculty Development Program on “Artificial Intelligence using Python” organised by Brainovision Solutions India Pvt.Ltd. & National Youth Council of India held from 14-09-2020 to 19-09-2020.
* A One day International Webinar on “The Psychology Behind Substance Abuse and its Implications”Organized by Department of Psychology & IQAC Asutosh College, University of Calcutta, Kolkata held on 29th September, 2020.
* INTERNATIONAL WEBINAR ON GANDHIAN PHILOSOPHY AND POST COVID WORLD ORGANIZED BY SCIENCE CLUB, GOVT. P. G. COLLEGE RAJOURI JAMMU & KASHMIR, INDIA held on October 01, 2020.
* Participated in online teacher orientation workshop organized by Vigyan Prasar Department of Science and Technology Govt. of India in collaboration with National Council for Urban and Rural Development Society (NCURDS) Jammu on 06-10-2020.
* Certificate is presented to Dr. Narinder Kumar, on INTERNATIONAL E-CONFERENCE ON NATIONAL EDUCATION POLICY (2020) AND PEACE EDUCATION , who served as a Resource Person in the two-day International e Conference on the theme “National Education Policy (2020) and Peace Education” held on September 12-13, 2020, Organized by Baba Ghulam Shah Badshah University (BGSBU), Rajouri, J&K, India In collaboration with Attitude Change International (Regd.), DarhalMalkan, Rajouri, J&K, India.
* Participated in international webinar on Wild life Conservation: Everyone moral obligation held on 8-10-2020 organized by PG College Rajouri.
* Participated in One day International Webinar on“ EVOLUTION OF SCIENCE AND TECHNOLOGY” organized by Department of Electronics under the aegis of IQAC, D V S College of Arts, Science and Commerce, Shivamogga, Karnataka, INDIA on 09th October 2020.
* Participated in National webinar on the topic, “Blood Donation & Transfusion: The Biological, Clinical and Social importance” organised in collaboration with J&K AIDS Control Society on the occasion of National voluntary Blood donation day, 2020 on 22/10/2020.
* Participated in international Quiz on United Nations: Shaping Our Future together organised by PG College Rajouri on 24th sept; 2020 on the Eve of 75th United Nations Celebration day.
* Participated in online 5 days Interdisciplinary Faculty Development Programme on Innovative Teaching Techniques organized by Kokade College Pune w.e f.25th 29th 2020.
* Attended the National Webinar on *“Beekeeping : Opportunities andChallenges”* held during May 20-21, 2021 organized by AICRP (Honeybeeand Pollinator), Division of Entomology, Sher-e-Kashmir University ofAgricultural Sciences and Technology ofJammu, J&K (UT).
* Participated in Internatrional Web Conference on Restoration of Ecosystem celebration of World Environment day organized by PG College Rajouri J&K
* Participated in International Webinar on“Information and Communication Technology & Covid-19” organized by GOVERNMENT DEGREE COLLEGE POONCH, J&K, INDIAin collaboration withSheikh’s Computers Association Technology Poonch, J&K, India &Attitude Change International, DarhalMalkan, held on June, 20, 2021**.**
* Participated in International Webinar on Current Trends in impact of Toxicants on Biodiversity and Human Health organized by department of Zoology National college, autonomous Bengaluru and National education society of Karnataka.
* Certificate is presented to Dr. Narinder Kumar, on INTERNATIONAL E-CONFERENCE ON NATIONAL EDUCATION POLICY (2020) AND PEACE EDUCATION , who served as a Resource Person in the two-day International e Conference on the theme “National Education Policy (2020) and Peace Education” held on September 12-13, 2020, Organized by Baba Ghulam Shah Badshah University (BGSBU), Rajouri, J&K, India In collaboration with Attitude Change International (Regd.), DarhalMalkan, Rajouri, J&K, India.
* Participated in international webinar on Wild life Conservation: Everyone moral obligation held on 8-10-2020 organized by PG College Rajouri.
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* Participated in International Quiz on United Nations: Shaping Our Future together organised by PG College Rajouri on 24th sept; 2020 on the Eve of 75th United Nations Celebration day.
* Participated in International Webinar on “*Information and CommunicationTechnology&Covid-19”* held on June, 20, 2021organised GOVERNMENT DEGREE COLLEGE POONCH, J&K, INDIA In collaboration with Sheikh’s Computers Association Technology Poonch, J&K, India & Attitude Change International, DarhalMalkan, J&K, India.
* Participated in International E-Conference on Biological Diversity organized by Research and Development Cell under the aegis of IQAC,Govt. P. G. College Rajouri on May 22nd, 2022.
* Participated in FDP on Emerging Technology organized by Computer Sciences and Engineering of Techno. College of Engineering Agartala.
* Attended One Week Faculty Development Programme on “Emerging Trends in Teaching, Learning and Research” organised by Centre for Hospitality and Tourism Baba Ghulam Shah Badshah University, Rajouri-J&K from May 23-29,2022.
* Participated in International E-Conference on Environment Sustainability “Only One Earth, Living Sustainably in Harmony with Nature” organized by GDC Rajouri College J&K, June4,2022.
* Paper To evaluate the safety of an hydroalcolic extract of Cassia Occidentalis leaves by determining the its potential toxicity after acute and chronic administration presented in International conference on multidisciplinary research trends in European,ASIAN AND African countries organized by Eudoxia research University USA, held on 30&31 January, 2023.

**Orientation Courses Attended**

20000oo222222020onon5th 0f 2021Conference **WORLD ENVIRONMENT DAY CELEBRATIONS – 2021**ORKSHOP ON MUSHROOM CULTIVATION:

* 01 orientation course held at Jammu University
* **Refresher Courses Attended**
* 03 Refresher Courses(01 computer and 02 life Sciences held at Life Sciences department Jammu University

Papers Publications

1. Kumar Narinder *et al* (2016). Effect of Cassia occidentalis on genetic material of Rodents i;e genotoxicity in International Journal of Scientific Research and Education, V. 4:10.

2. NarinderKumar, (2016). Standardization and Simultaneous quantification of Flavonoids and phenol contents in Cassia Occidentals in Research journal of chemistry and environment.

3. Pandoh and Narinder (Co-auther), 2017.Chlorophyceae from the cultivated rice fields of Jammu district,J&K, International Journal of scientific Research, 6; 12.

4. NARINDER KUMAR et al, (2019). Glutathione, The Master Antioxidant :A Review in International journal of research and analytical review, IJRAR, V 5:3.

5. Fraz Ahmed and Narinder Kumar (2019). Treatment of Rheumatoid arthritis using traditional medicinal plants by the rural and tribal people of poonch people of Jammu and Kashmir State, International journal of research and analytical review, IJRAR, V6:1.

6. Gurcharan Kour, Pankaj, Sukhleen, Narinder, Surjeet Singh and Pawan Tirpathi (2019). Acute toxicity and safety pharmacology study of Hydroalcohlic extract of Zanthoxylum armatum in journal of emerging technology and innovative research,JETIR, V6:3.

7.Narinder Kumar *et al* (2015) Herbal Medicine - A Review Article ; International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064, Index Copernicus Value (2015): 78.96 | Impact Factor : 6.391.

8. Pankaj Chibber, Amarinder Singh, Narinder Kumar, Gurdarshan Singh, Surjeet Singh(2018). Sickle Cell Anaemia, The Target of Herbs–A Review IJRAR December, Volume 5, Issue 4

9. Amrinder , Kumar Narinder (2019) .Rohitukine inhibits NF-κB activation induced by LPS and other antinflammatory agents,IJIP,69(2019),34-49.

10.Narinder Kumar and MohdAshaq(2021).STUDY OF ETHNO-MEDICINAL PLANTS OF TEHSIL AKHNOOR, JAMMU AND KASHMIRIJRAR, Volume 8, Issue 2, 67-78.

11. Narinder Kumar and Mohd. Ashaq(2021). Safety and Toxicity of Botanical Medicines: A critical Appraisal; International Journal of All Research Education and Scientific Methods (IJARESM), Volume 9, Issue 7, pg.676-686.

12.Narinder Kumar and Mohd Ashaq (2022).ADVERSE EFFECTS OF HERBAL THERAPY: SOME OBSERVATIONS, International Journal of Recent Scientific Research ,Vol. 13, Issue, 03 (B), pp. 611-618.

13. Narinder Kumar , Kiran Bala and Surjeet Singh(2022).Evaluation of Anticancer activity of hydroalcoholic extract of Cassia occidentalis (CO-A002) in 3 human cancer cell lines.International Journal of Advanced Research in Biological Sciences,Int. J. Adv. Res. Biol. Sci. (2022). 9(7): 41-48.DOI http://dx.doi.org/10.22192/ijarbs.2022.09.07.005.

14. Narinder Kumar & Kiran Bala(2022). A Clinical Appraisal of *withania somnifera* a Boon to Health, Journal of Research in Pharmaceutical Science Volume 8 ~ Issue 9 pp: 30-36 ISSN(Online) : 2347-2995.

15. Narinder Kumar *et al* (2022). *Invitro* mutagenicity and antimutagenicity studies of *Cassia occidentalis* (CO-A002) in TA98, TA100,TA102, TA1535, TA1537 and WP2uvrA. Bulletin of Environment,pharmacology &Lifesciences vol.11(10)pg.24-31.

16.Narinder Kumar and Surjeet Singh (2023). Evaluation of Female Reproductive Toxicity of Hydroalcoholic Extract Of *Cassia Occidentalis* (CO-A002) In Rodents. Journal of Survey in Fisheries Sciences 10(2) 818-822.

17.Narinder Kumar & Kiran Bala (2023). A Clinical Appraisal of *Withania somnifera* - A Boon to Health, Research Journal of Pharmaceutical Sciences,Vol. 12(1):17-23, June.

18. Gurpreet kour, Rahul Kait, Narinder Kumar &Jayoti (2023). Great chromosomal variation among members of family Colubridae. Journal of Advanced Zoology. Volume 44 Special Issue -2 , Page 2663:267,Nov.

**Award:**

1.Award for Research Excellence organized by Indo-Global Excellence Summit and Expo-2017,Indus Foundation.

2.Achieved RashtriyaGourav Award as best Associate Professor by Global Era 2021.

3.Achieved Leadify IndiaLEADERSHIP Award as OUTSTANDING ACTIVE ASSOCIATE PROFESSORin Education sector by Global events Era 2021.

4.Achieved NATION’S PRIDE BOOK OF RECORDS.This certificate of recognition is designed to recognise the distinguishedachievement and significant contribution in the field of education andsocial services.

5.Achieved Distinguished Academician award 2023 given at International conference on Multidisciplinary Approach in Research and Innovation for sustainable Development by IBRF in collaboration Govt.Degree College Doda,JKUT.

**Membership**

1.Achieved Lifetime membership for Society for Technologically Advanced Material, India.

2.Alternative Medicine Pledge Certificate presented by Alternative Medical Council Orissa (An ISO Certiﬁed & MSME Registered Autonomous Organization

3.Membership in advance Biological Sciences

4.Membership in advance Life Sciences

5.Membership in Journal of Fisheries and Life Sciences published by society of fisheries and Life Sciences, Karnataka, Tamil Naidu

6. Life Membership in International Benevolent Research Foundation,IBRF/LM/173/2023

**Patents**

**Title of Invention**:

1.**A NOVEL PH METER FOR NEONANTS(National)**

**2.A Critical Method for incident Stress Management (International)**

**3. A novel cost-effective home gardening system**

Academic qualification.

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| --- | --- | --- | --- | --- |
| Class | Board/University | Subjects | Year | Division/grade/Merit |
| 10th | JK BOSE | Math,Sc.,SSt. ,Eng.,Urdu | 1986 | Ist |
| 12th | JK BOSE | Eng.,Phy.,Chem., Biology | 1988 | 2nd |
| B.Sc | Jammu University | Bot.,chem..Zoology,Eng., | 1991 | Ist |
| M.Sc. | Jammu University | Zoology | 1995 | Ist |

Research Experience:

|  |  |  |  |
| --- | --- | --- | --- |
| Research Stage | Title of work /thesis | University where research carried out | Year |
|  |  |  |  |
| Ph,D | Preclinical safety profile of *Cassia occidentalis* in Rodents. | Singhania university of Rajasthan and CSIR- IIIM Jammu | 2019. |
|  |  |  |  |

Teaching Experience:

|  |  |  |
| --- | --- | --- |
| Courses taught | Name of Institution/College | Duration |
| U. G (B.Sc.) | GGMSc College | More than 23 yrs. |