



Prof. Sanjoy Kumar Pal

A dynamic professional with over 25 years of rich experience in Teaching, Training, Mentoring, Research & Development, Content Editing and General Administration in India, Ethiopia, and Nigeria. Having excellent communication & leadership skills in Biological Sciences. Currently, Professor & H.O.D. in Skyline University Nigeria.

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📁 Profile Summary

- ▶ A result-oriented professional with over 3 decades of rich & extensive experience in Teaching, Educational Assessment, Classroom Presentation and Student Relations for specific Biological Sciences, Allied Health Sciences at undergraduate and post graduate levels
- ▶ Plan, develop and teach undergraduate and postgraduate courses in Biological Sciences; engaged in innovative and technology-based approaches to learning and teaching
- ▶ Participated in the supervision, examining of undergraduate and postgraduate research projects and dissertations
- ▶ Expert in planning and organizing day-to-day research activities and resolving procedural problem as appropriate to the timely accomplishment of research objectives while expertise in troubleshooting numerous technical issues
- ▶ Published high quality research in leading internationally recognized journals
- ▶ Published over 80 peer reviewed research article, and ten book chapters
- ▶ Experience of facilitating / coaching students by using interactive discussions & "hands-on" approaches to help students learn and apply concepts in subjects
- ▶ Participated in committee at the departmental, college and/or university levels as assigned
- ▶ Successfully established Biology Laboratory in Skyline University Nigeria
- ▶ Actively engage in promoting the growth of the department and University
- ▶ Worked as PhD Thesis examiner
- ▶ Successfully organized many department events to celebrate various international days in the university
- ▶ Acknowledged with various prestigious awards in education industry

🏆 Awards & Recognitions

- ▶ Invited as the speaker for:
 - Keynote lecture entitled: Phytomedicine: The Future of Plant Based Medicine. International conference on the 'Importance and Awareness of Traditional and Alternate Medicine,' at Shri Shankaracharya Professional University, Bhilai,
 - Invited Lecture on 'Ethical Issues in Research,' presented at - Three days training programme on Research Methods, Manuscript Writing and Career Opportunities for Ayurveda PG Students, held at Institute of Postgraduate Ayurvedic Education & Research, Kolkata from 06 – 08 January 2016
 - Key role as reviewer for Annals of Ayurvedic Medicine, African Journal of Agricultural Research, International Journal of Medical Sciences and Biotechnology, National Medicine Journal of India and for many other reputed journals
 - Best poster award for 'Study of mutation in K-ras oncogene in cytological smears obtained by the fine needle aspiration from gallbladder cancer. 42nd Annual Conf. of Indian Society of Gastroenterology, 2021, SGPGIMS, Lucknow

🧠 Core Competencies

Teaching Operations

Research & Development

Academics & Training

Institutional Development

Student Performance Management

Strategic Planning

Personnel Development

Curriculum Development

🎓 Qualification

- ▶ Ph.D. in Animal Genetics from Indian Veterinary Research Institute, Izatnagar, India in 1993.
- ▶ M.Sc. in Genetics from Barkatullah University Bhopal in 1987
- ▶ B.Sc. in Biological Sciences from Barkatullah University Bhopal in 1985
- ▶ Post Doctoral Research from Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India from 1993 – 1994 & 2000 – 2006.
- ▶ Diploma in Naturopathy from School of Ayurveda, Department of Yoga, D Y Patil University, Navi Mumbai in 2017

Work Experience

Position	Duration		Organization / Place
Professor & Head	Oct 2018	Jan 2025	Department of Biological Sciences, Skyline University Nigeria, Kano
Professor & Head	Aug 2017	Dec 2017	School of Natural Sciences, CT University, Ludhiana, Punjab
Professor & Head	Jun 2016	July 2017	Dept. of Biotechnology, RNB Global University, Bikaner, Rajasthan
Professor - Visiting	Dec 2015	Dec 2016	Dept. of Biotechnology, Arni University, Kathgarh, HP
Senior Scientist	Oct 2014	Jun 2016	CACM, STEP, Indian Institute of Technology, Kharagpur
Assistant Professor	Oct 2010	July 2014	School of Animal Sciences, Haramaya University, Ethiopia
Sr. Scientific Manager	Aug 2008	Oct 2010	Ipca Traditional Remedies Private Limited, Mumbai
Lecturer	Aug 2006	July 2008	Dept. of Biotechnology, SBS University, Dehradun
Research Associate	Aug 2000	July 2006	Sanjay Gandhi PG Institute of Medical Sciences, Lucknow
Research Associate	Mar 2000	Aug 2000	Indian Institute of Toxicology Research (ITRC), Lucknow
Researcher	Jan 1998	Feb 2000	Dr. Chatterjee's Clinic, Lake Town, Kolkata
Self Employed	Jan 1995	Dec 1997	Indrapuri, Bhopal
Research Associate	Nov 1993	May 1994	Medical Genetics, SGPG Institute of Medical Sciences, Lucknow
Research Associate	July 1992	Oct 1992	Central Avian Research Institute, Izatnagar, Bareilly
Sr. Research Fellow	Sep 1987	July 1992	Indian Veterinary Research Institute, Izatnagar, Bareilly

Key Result Areas:

- Teaching excellence within the discipline of Biological Science and provide leadership at the module or course level
- Supervising undergraduate and postgraduate dissertations and projects relating to Biological Sciences
- Conducting research and scholarly activities in Biological Sciences, especially in the areas of specialization
- Safeguarding research outcomes are relevant and applicable to key areas of teaching & benefit the students & the university
- Developing new, and revise existing, undergraduate and postgraduate programs and modules to reflect latest developments in the subject areas
- Designing appropriate assessment methods and ensure established standards are maintained and adhered to timescales
- Implementing operational plans for ensuring smooth running of the department and providing leadership to teaching and administrative staff and ensured high quality of teaching
- Fostering the success of all students by facilitating the development, communication, implementation and evaluation of a shared vision of learning that reflects excellence
- Recognizing, respecting & nurturing the creative potential of each student; fostering a healthy learning atmosphere in class and responding to all classroom queries in a spontaneous, empathic manner and ensuring discipline by observing students' work, behavior and attendance
- Delivering effective lectures to students about advantage of studying various disciplines of Biological Science viz. Biotechnology, Microbiology, Biology, etc., in graduation level, and their scope in job market and future studies for effective professional development and promoting high standards of student learning
- Following Institutional policies regarding the budgetary process and procedures for expenditure of the campus-based budget, equipment, and the instructional budget
- Engaged in professional services related to Biological Science

Highlights:

- Participated in committee at the departmental, college and/or university levels as assigned
- Successfully organized:
 - Conferences, Seminars, Workshops and laboratory trainings,
 - Awareness Programme on Cancer, HIV/AIDS, Sexually Transmitted Diseases (STD), Diabetes mellitus, cardiovascular disease and science awareness to school students and publics at Skyline University Nigeria.
 - HIV screening, Hepatitis B screening, Anemia Screening for the students of Skyline University Nigeria.
- Regularly contributed for the University Magazine Knowledge Update and NewLine.
- Delivered public lectures to the local Mbaise women Community (Women Wing) regarding breast Cancer awareness
- Got featured many times in Times of India and other local newspapers in Lucknow regarding my work on cancer with herbal and traditional medicine.
- Received Indian Council of Medical Research (ICMR) grant to study various complementary and alternative medicine practiced in northern part of India.
- My article entitled, 'Complementary and alternative medicine: An overview,' published in Current Science was topic of discussion in a national seminar on Integrated Therapy for Chronic Skin Diseases held at the Institute of Applied Dermatology, Kasaragod from February 8 – 10, 2005.
- Awarded Peter Kirk fellowship to attend the 8th International Conference of the Indian Association of Palliative Care, held in Bhopal from 2 – 4th February 2001.
- My article on 'Herbal Medicine' was made cover page article of the Asian Pacific Journal of Cancer Prevention 2003; issue # 4.

Research & Development

Worked on

- ▶ Study the molecular events associated with carcinogenesis of gall bladder, awarded by the 'Lady Tata Memorial Trust,' Mumbai. The study was conducted at the Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India
- ▶ A pilot study to assess the popularity, effectiveness and adverse effects of various complementary and alternative medicines (CAM) tried by patients with advanced gastrointestinal tract malignancy in north India, awarded by ICMR, New Delhi.
- ▶ Identification of certain herbal medicine for potential anticancer activity in cell lines and animal model. Conducted at Sardar Bhagwan Singh University, Dehradun, India
- ▶ Awareness of Hepatitis A, Hepatitis B and Hepatitis C among Students/Health Professionals in India, Ethiopia and Nigeria
- ▶ Regularly participated in health awareness program for school students via. 'Health Oriented Program and Education' (HOPE) in India and Nigeria

Member of Scientific Societies

Indian Society of Animal Genetics & Breeding

Indian Association for Cancer Research

Annals of Ayurvedic Medicine

International Journal of Medical Sciences and Biotechnology

International Journal of Interdisciplinary & Multidisciplinary Studies

- International Archives of Integrative Medicine

Life Member

Life Member

Member of Scientific Advisory Board

Member Advisory Board

Member Editorial Board

Member Editorial Board

Research Articles/Book/Book chapters published

- ▶ Total Publications - 88 In Peer Reviewed Journals - 80
- ▶ Abstract in Conferences & Symposium - 100 Popular Articles in Magazine / News Papers - 30

Online Repositories

- ▶ Google Scholar: <https://scholar.google.co.in/citations?user=BeGQiZ8AAAAJ&hl=en&authuser=1>
- ▶ ResearchGate: <https://www.researchgate.net/profile/Sanjay-Pal-2>
- ▶ ORCID: <https://orcid.org/0000-0003-1436-6380>

#Refer to website for Research articles/Books Chapter Published and Thesis Guidance

Research Publications

Recent Publication:

- ▶ **SK Pal**, IU Lawal. Strengthening the traditional medicine regulation, education and practice in Nigeria. African Health Sciences 2024; 24(3): 453 – 460.
- ▶ S Senthil Kumar, **SK Pal**, S Kota, H Rasheed, S Sundararajan. Outsourcing healthcare services and its impact on strategic goals of patient care in Nigerian private hospitals. Management & Technology Research Communication 2024; 1(1): 27 – 35.
- ▶ A Mohammed, S Sundararajan, S Senthil Kumar, **SK Pal**. Impact of strategic human resource management on mediating the relationship between entrepreneurial ventures and sustainable growth. International Conference on Strategic Management – IMCSM24; Bor, Republic of Serbia 2024; XX(1): 437- 452.
- ▶ **SK Pal**, S Rastogi, A Das, AY Fan. Postgraduate studies in complementary, alternative & traditional medicine in Nigerian universities. African Journal of Biological Sciences 2024; 6(9): 65-77.
- ▶ **SK Pal**, IU Lawal. Current status and future of traditional, complementary and integrative medicine in Nigeria. Tropical Journal of Natural Product Research 2023; 7 (12): 5403-5409.
- ▶ M Abdulsalam, A Kalandar, S Senthil Kumar, S Balakrishnan, **SK Pal**. Maximizing sustainability: leveraging indigenous fungal cellulases for sugarcane bagasse bioethanol production and agricultural waste management in Kano. Journal of Advanced Zoology 2023; 44 (Special Issue-2): 2379-2393.
- ▶ S Senthil Kumar, S Sundararajan, **SK Pal**, K Senthil Kumar. Consumer's awareness and purchase decision precedence towards solar energy products in Kano city of Nigeria. Journal of Research Administration 2023; 5 (2): 824 – 836.
- ▶ Z Sani Ali, MS Muhammad, D Sani, M Abdulsalam, V Arputharaj J, A Senthil Kumar, **SK Pal**. Evaluation of the abattoir's operational infrastructure and sanitation procedures in Kano state, Nigeria. European Chemical Bulletin 2023; 12 (Special Issue 1, Part B): 4511-4521.
- ▶ MS Muhammed, HY Bello, AA Shehu, **SK Pal**. Incidence and antibiotic susceptibility pattern of urinary tract infection in Aninu Kano Teaching Hospital (AKTH) Kano, Nigeria. Bioscience Biotechnology Research Communication 2022; 15 (2): 295 – 300.

- ▶ **SK Pal**, SH Fatima. Adventurism in herbal medicine the only option for economically challenged Indian cancer patients: Perspective based on case histories. Bioscience Biotechnology Research Communication 2020; 13(2): 571-575.
- ▶ **SK Pal**. Want to lose my virginity before I die: sex adventure of some terminal cancer patients. Saudi Journal of Nursing and Health Care 2019; 2(6): 197 - 201.
- ▶ B Asmelash, S Diriba, **SK Pal**. Molecular markers based characterization and conservation of wild animals. Research Journal of Recent Sciences 2017; 6(7): 53-62.
- ▶ G Choudhuri, R Ojha, T S Negi, V Gupta, S Saxena, A Choudhuri, **SK Pal**, J Choudhuri, A Sangam. A school-based intervention of screening a movie to increase hepatitis B vaccination levels among students in Uttar Pradesh, India: impact on knowledge, awareness, attitudes and vaccination levels. Hepatology, Medicine and Policy 2017; 2:10.
- ▶ **SK Pal**, SH Fatima. Prolongation of survival time of incurable terminal cancer patients with herbal medicines. International Archives of Integrated Medicine 2017; 4(6): 149-156.
- ▶ H Nigussie, **SK Pal**, S Biriba, Y Mekasha, K Kebede, S Abegaz. Phenotypic variation and protein polymorphism of indigenous sheep breeds in eastern Ethiopia. Livestock Research for Rural Development 2016; 28 (8): <http://www.lrrd.org/lrrd28/8/nigu28139.html>
- ▶ **SK Pal**. The Ayurvedic Bhasma: The ancient science of nanomedicine. Recent Patents on Nanomedicine 2015; 5(1): 12-18.
- ▶ A Kalandar, SM Abdulie, **SK Pal**, K Arebo, GG Kassa. Breast cancer awareness and practice of breast self-examination among female medical students in Haramaya University, Harar, Ethiopia. International Journal of Interdisciplinary and Multidisciplinary Studies; 2014: 2(2): 109-119.

Book Chapters:

- V Arputharaj J, **SK Pal**. Transforming Industry 5.0 Real Time Monitoring and Decision Making with IIOT Skyline University. In: Sustainability in Industry 5.0 Theory and Applications, (Editors), KK Reddy, PR Anisha, S Khan, MM Hanafiah, L Pamulaparty, RM Mohana. 2024; 1st Edition; Routledge Taylor & Francis Group. ISBN 9781032582016
- SD Paul, H Sharma, G Sahu, CD Kaur, **SK Pal**. Future perspectives of herbal bioenhancer. In P L Pingale Eds. Book Chapter 'Drug Delivery Technology'. Walter de Gruyter GmbH Berlin 2022; pp 307-323. ISBN 9783110746808
- **SK Pal**. Food-based intervention for cancer management: An Ayurvedic perspective. In Rastogi S (Ed), Ayurvedic Science of Food and Nutrition, pp 81-106, Springer. <http://www.springer.com/food+science/book/978-1-4614-9627-4>
- Balendu Prakash and **SK Pal**. Cancer patients treated with ayurvedic therapy: 13 case reports. Compilation submitted for the Best Case Series Presentation to the Office of the Cancer Compl-ementary and Alternative Medicine (OCCAM) / NCI, Bethesda, MD, USA.
- Y Shukla, **SK Pal**, A Arora, N Kalra, Y K Gupta. Beneficial health effect of black tea: increasing evidence. In 'Therapeutic Effect of Tea,' B Banerjee, TC Chaudhuri (Eds). Science Publication Inc., Plymouth, UK. 2005. Pp 49 - 65.
- **SK Pal** and S Hina Fatima. Cancer patients treated with an alternative therapy HUMA: 20 case reports. Compilation submitted for the Best Case Series Presentation to the Office of the Cancer Complementary and Alternative Medicine (OCCAM) / National Cancer Institute, Bethesda, MD, USA.
- AK Chatterjee, S K Dutta , RS Bhakta , A Mazumdar, G Mukherjee, S Ganguli S, PK Kundu, SP Dey Sarkar, BP Mukhapadhy and **SK Pal**. Use of Psorinum in the treatment of cancer. In Oral Cancer VI. Major General AK Verma (Ed), pp 297 - 300. Macmillan India Ltd.
- VB Gunasekaran, T Vijay, A Kalandar, **SK Pal**. Teratogenic heroes – a review. World Journal of Pharmacy and Pharmaceutical Sciences 2014; 3(3): 72-83.

Ph.D. Dissertation Details:

- Sanjoy Kumar Pal. (1993). Genetic Characterization of indigenous guinea fowl (Numida meleagris) germplasm. Ph.D. Thesis approved by Indian Veterinary Research Institute, Izatnagar – 243 122 (U.P.), India.



Personal Details

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Annexure II (Thesis Undertaken)

Ph.D. Dissertation – 1

M.Sc. Dissertation – 7

B.Sc. Dissertation - 15

Title:	Bioethanol production from fruits waste by using yeast
Name:	Ms. Khadija Bello
Year:	2024
Title:	GIS-Based approach to risk mapping of Lassa fever outbreak in Akure south local government area
Name:	Mr. Mustapha Yusuf Ahmad
Year:	2024
Title:	Prevalence on Dengue fever and level of awareness among students in Kano
Name:	Ms. Salma Turaki Muhammad
Year:	2024
Title:	Investigation on the level of awareness of hepatitis B infection among the students of Government girls secondary school, Gandu Kano
Name:	Ms. Aisha Falaki Mustapha
Year:	2024
Title:	Incidence and assessment of risk factors and control measures of malaria among Government Secondary School Hausawa Model, Kano state
Name:	Ms. Zainab Mustapha Ibrahim
Year:	2023
Title:	Determination of awareness level about Hepatitis B Virus (HBV) infection among students in GGSS Hausawa Model Boys Secondary School, Kano state, Nigeria.
Name:	Ms. Maryam Abdullahi Dangongola
Year:	2023
Title:	Incidence of Helicobacter pylori infection and their risk factors in students of Hausawa Government Boys Secondary School, Kano state
Name:	Ms. Hauwa Hamisu Inuwa
Year:	2023

References

1. Prof. (Dr.) Ajith Kumar V.V. PhD, Vice Chancellor, Skyline University Nigeria, No. 2, Zaria Road, Kano, Nigeria
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2. Prof. (Dr.) Gour Choudhuri MD., DM. Director & Head, Dept. of Gastroenterology & Hepato-biliary Sciences, Fortis Memorial Research Institute, Opposite HUDA City Centre Metro Station, Sector 44, Gurgaon, Hararyana 122002, India Email: choudhuri.gour@gmail.com; Tel: +91 9650643222
3. Prof. (Dr.) Uppla Radhakrishna PhD Department of Anesthesiology and Perioperative Medicine, The University of Pittsburg School of Medicine 3550 Terrace Street, A-1305 Scaife Hall Piittsburgh, PA 15261 USA Email: uppalar@pitt.edu; radhakrishnau@upmc.edu Cell: +1 402 203 8663