Professor Dharmendra Singh M.Sc, Ph.D, FBS 503,Crystal Link Apartment Sect-O, Mansarovar Yojna Lucknow-226 009 INDIA Phone: +91 731 759 2447 singhdharmendra12@yahoo.com dharmendrasingh010371@gmail.com singhdharmendra12@ksusta.edu.ng

Date: 05.08.2025

To
The Chairperson
Deep Spring College
Big Pine, California

Application for the position of Natural Science Chair

Dear Sir/Madam

I am writing to express my sincere interest in the position of Natural Science Chair at your esteemed College. I have more than 25 years of teaching, research, and academic administration experience in national and international institutions, I am confident that my qualifications and professional experiences make me a strong candidate for this role.

Over the course of my academic career, I have:

- Published 115 research papers in reputed international journals, conferences, seminars & symposium
- Authored 6 books in the field of Botany/Plant Biology/Floristic/Ecology, Biodiversity and Life Sciences
- Supervised numerous Ph.D., M.Sc. and B.Sc. (Hons) students to successful completion
- Served in academic and administrative leadership roles for more than 25 years

In my role as Senior Professor and Head of the Department of Plant Science & Biotechnology at the Faculty of Life Sciences, Kebbi State University of Science and Technology, Aliero, Nigeria. In this role, I have led curriculum development, academic policy design, research collaborations, and faculty mentoring, fostering both academic rigor and student centered growth.

My professional experience across diverse institutions has provided me with a broad and adaptable perspective on higher education systems, both in India and Nigeria. I am deeply committed to advancing academic excellence, fostering research innovation, and supporting inclusive institutional development.

I have enclosed my detailed CV and academic credentials for your review. I would be honored to further contribute to the mission and vision of your institution through my dedication, leadership, and academic expertise.

Thank you for your time and consideration. I look forward to the opportunity of contributing to your distinguished institution.

Warm regards

Prof. Dharmendra Singh International Professor Professor Dharmendra Singh M.Sc, Ph.D, FBS 503,Crystal Link Apartment Sect-O, Mansarovar Yojna Lucknow-226 009 INDIA Phone: +91 731 759 2447 singhdharmendra12@yahoo.com dharmendrasingh010371@gmail.com singhdharmendra12@ksusta.edu.ng

Date: 05.08.2025

To
The Chairperson
Deep Spring College
Big Pine, California

Statement of Teaching Philosophy and Experience

Dear Chairperson

My teaching philosophy is grounded in the belief that science education should be a transformative experience—one that empowers students to think critically, question boldly, and engage deeply with the natural world. As a teacher, mentor, and researcher with over 25 years of experience in higher education, I view the classroom not merely as a site of instruction but as a collaborative learning community where knowledge is co-constructed and deeply connected to lived experience.

At the core of my pedagogical approach is student-centered inquiry. I encourage my students to observe, hypothesize, and explore through active participation, field-based learning, and interdisciplinary discussion. Particularly in the natural sciences, learning should not be confined to textbooks and lectures. I strive to immerse students in the ecosystems, landscapes, and biological systems around them, blending rigorous academic instruction with experiential learning. This aligns strongly with the ethos of Deep Springs College, where education is intentionally integrated with environment, labor, and community responsibility.

I have taught a wide range of courses in botany, ecology, environmental science, plant systematics, and biodiversity conservation, at both undergraduate and postgraduate levels in national and international institutions. My instruction emphasizes the unity of scientific principles with the diversity of life, and I bring into the classroom real-world data, ethnobotanical case studies, and insights from my own research across underexplored regions in India and Nigeria. My students are encouraged to question dominant scientific narratives, consider local knowledge systems, and engage with science as a tool for sustainable development.

What distinguishes my teaching practice is my commitment to mentorship and holistic development. I have supervised (M.Sc & Ph.D) over 30 graduate theses and numerous undergraduate projects, fostering not just academic skills but critical thinking, ethics, and professional growth. I integrate fieldwork, student-led seminars, and collaborative research into course structures to promote autonomy and intellectual curiosity.

Deep Springs' mission to educate students "for a life of service to humanity" resonates deeply with my own values as an educator. I believe in the cultivation of scientifically literate, socially conscious citizens who can apply natural science to address pressing global challenges—from climate change to food security to biodiversity loss. I also see leadership in science education as an act of stewardship: nurturing both the intellectual landscape of a department and the growth of individual learners.

As Chair of Natural Sciences, I would bring not only administrative experience and curriculum development expertise, but also a vision for integrating scientific knowledge with ethical responsibility, environmental awareness, and interdisciplinary thinking. I look forward to contributing to Deep Springs' unique educational model by fostering a vibrant, inquiry-driven science program that engages with both the mind and the land. Thanks

Warm regards

Prof. Dharmendra Singh International Professor Professor Dharmendra Singh M.Sc, Ph.D, FBS 503,Crystal Link Apartment Sect-O, Mansarovar Yojna Lucknow-226 009 INDIA Phone: +91 731 759 2447 singhdharmendra12@yahoo.com dharmendrasingh010371@gmail.com singhdharmendra12@ksusta.edu.ng

Date: 05.08.2025

To The Chairperson Deep Spring College Big Pine, California

Statement of Research or Professional Works

Dear Chairperson

With over 25 years of academic service in the natural sciences, my research journey has been defined by a commitment to biodiversity documentation, plant taxonomy, ecological assessment, and the integration of traditional knowledge into modern scientific frameworks. My professional work is driven by a deep respect for the interconnectedness of nature, culture, and science, and I have consistently sought to bridge the gap between field-based empirical inquiry and global environmental challenges.

My primary research interests lie in the areas of plant systematics, floristic diversity, conservation biology, and ethnobotany. I have led extensive field investigations across ecologically diverse and underexplored regions of India and Nigeria, documenting endemic and medicinal plant species, assessing their ecological significance, and analyzing their role in sustaining local communities. Through this work, I have contributed significantly to the floristic knowledge of various habitats including tropical forests, arid zones, wetlands, and tribal regions.

I have published over 65 peer-reviewed research papers in national and international journals, authored six books. My scholarly contributions extend to the taxonomy of angiosperms, conservation priorities for threatened species, and sustainable use of medicinal plants. I have also engaged in interdisciplinary collaboration, combining botanical research with social science approaches to explore how indigenous knowledge systems can inform conservation strategies and sustainable livelihoods.

My administrative and professional service includes holding leadership roles in academic institutions where I have overseen curriculum development, field station operations, research grants, and student mentorship. I have guided over 30 postgraduate (M.Sc & Ph.D).

In alignment with Deep Springs College's values, I view scientific research not as an isolated endeavor but as an ethical and civic responsibility. I believe that scholarship should be accessible, grounded in real-world relevance, and oriented toward community benefit. As Chair of Natural Sciences, I would bring this vision forward—fostering undergraduate research, encouraging inquiry-led projects, and expanding the integration of field science with curricular innovation.

I am enthusiastic about the opportunity to contribute my professional expertise to Deep Springs' exceptional academic environment and to mentor students in both scientific excellence and social purpose.

Thank you

Warm regards

Prof.Dharmendra Singh

CURRICULAM VITAE



1. PERSONAL INFORMATION

Name : PROFESSOR DHARMENDRA SINGH

Date of Birth :1st March 1971

Nationality : Indian

Details of Passport : Passport No: Z 4166510, Date of Re-issue: 09.10.2017

Date of expiry 08.10.2027, Issued by: Ministry of External Affairs Lucknow (U.P), India (Old Passport NO: G 8245877)

Residence Permit Nigeria : CERPAC NO: AR 101 082

Permanent Address : 503, Crystal Link Apartment

SECT- O Mansarover Yojana, Shaheed Path

Lucknow (U.P)-226 009 INDIA, Phone: +91 731 759 2447

Former Office Address :Department of Plant Science & Biotechnology

Kebbi State University of Science and Technology Aliero,

Nigeria, PMB-1144, Phone: +234 703 118 1286

Emails. singhdharmendra12@yahoo.com

singhdharmendra12@ksusta.edu.ng dharmendrasingh010371@gmail.com

Job Title : Senior Professor & Head of Department

Department of Plant Science & Biotechnology

Health Status : Very Good

Marital Status : Married

Spouse Name & Her Occupation : Mrs. Sangeeta Singh M.A, M.Ed.

I. Ex. Lecturer in Division of General Studies, Kebbi State University of science and Technology, Aliero, Nigeria

(From Jan 2011 to Mar 2012)

II. PGT Teacher in CBSC School Lucknow, India

(From April 2025 to date)

No. of Children : One Daughter (Working)
Next to Kin : Mrs. Sangeeta Singh

1. Educational Background

UNIVERSITY ATTENDED	QUALIFICATION	DURATION
1.Janata Mahavidyalaya, Ajitmal, CSJM,	Ph.D Botany/Plant Biology	1994-1998
University, Kanpur, India		
2.Janata Mahavidyalaya, Ajitmal, CSJM,	M.Sc Botany/Plant Biology	1991-1993
University, Kanpur ,India		
3.Janata Mahavidyalaya, Ajitmal, CSJM, University, Kanpur, India	B.Sc. Botany, Zoology & Chemistry	1988-1991

3. Former Employer : Kebbi State University of Science and

Technology, Aliero, Nigeria

4. Former Position : Senior Professor & Head of Department

5. Area of Interest : Plant Taxonomy & Systematics, Ethno-Botany &

Medicinal Plants, Biodiversity, Ecology & Environment, Landscaping & Botanic garden, Climate Change, Phenology & Conservation of

Plants

6. Working Experience

a. Full Time Experience:

Job Title	Institution	Nature of Job	Duration
Part Time	Tilak Degree College, CSJM.	Lecturing/Research/HOD	Oct. 1994-
Lecturer	University, Kanpur India		Oct.1996
Lecturer	Har Sahai P.G, College, CSJM.	Lecturing/Research/	Nove.1999-
	University, Kanpur, India	HOD/Dean	May. 2008
Lecturer II	Kebbi State University of Science	Lecturing/Research/ Head	May 2008-
	and Technology, Aliero, Nigeria	of Unit	Feb.2010

Senior	Kebbi State University of Science	Lecturing/Research/HOD	Jan.2010 to
Lecturer	and Technology, Aliero, Nigeria		Sept.2013
	W. I. I. G		0 : 2242 :
Associate	Kebbi State University of Science	Lecturing/Research/HOD	Oct.2013 to
Professor	and Technology, Aliero, Nigeria		Sept. 2016
Professor	Kebbi State University of Science	Lecturing/Research/HOD	Oct.2016 to
	and Technology, Aliero, Nigeria		date
	_		

b. Visiting Experience

Visiting	Usman Danfodiyo University	Lecturing/Research	Jan.2011 to
Professor	Sokoto, Nigeria		Oct 2024
Visiting	Sokoto State University Sokoto,	Lecturing/Research	Oct.2013 to
Professor	Nigeria		Oct.2021
Visiting	Federal University Birnin Kebbi,	Lecturing/Research	Dec.2016 to
Professor	Nigeria		Sept. 2024

7. Associations

- 1.Life Member of Indian Botanical Society
- 2. Member of Phytological Society of India
- 3. Life Member of Indian Science Congress Association.
- 4. Life Member of Society of Sciences, India
- 5. Member, Weed Science Society of Nigeria
- 6. Member, Botanical Society of Nigeria

8. Journal Reviewed

- 1. Journal of Environmental Biology
- 2. National Journal of Life Sciences
- 3. Journal of Innovative Research in Life Sciences
- 4. Equity journal of Science and Technology
- 5. Life Sciences Bulletin
- 6. Savana Journal of Basic and Applied Sciences
- 7. Journal of Plant Biology
- 8. Caliphate Journal of Science and Technology
- 9. International Journal of Plant and Soil Science
- 10. Journal of Sustainability and Environmental Management
- 11. Meadow International Journal of Advancements in Multidisciplinary Research
- 12. Asian Journal of Biology
- 13. Annual Research & Review Biology

9. Hobbies

Reading, Landscaping, Gardening and Listening Music

10. Skills

- 1. Computer literate in the use of word processing, excel and power point.
- 2. Driving skill-International driving

11. Additional Professional Training

- 1.Refresher Course on Environment, 7/11/2005 to 29/11/2005 Sponsored by CSJM, University Kanpur India (UGC) Grade A
- 2.International Computer Driving License Training (ICDL) Africa –Two weeks Training Sponsored by Tertiary Educational Trust Fund (Tet fund)-Abuja Nigeria

12. Community Services

- 1. 1988-1990: National Service Scheme, JMV, Ajitmal, Kanpur University, India
- 2. August 2015- July 2024: Chairman, International Malga Association, Kebbi State University of Science and Technology Aliero, Kebbi State, Nigeria
- 3. Member 2015-Present: Ethiopian Airlines Sheba miles Membership N0: 00087225950
- 4. Organizing Committee Member 2017: Botanical Society of Nigeria, Sokoto
- 5. Member 2016-2024: Floristic Investigation committee of North-West, Nigeria

13. Teaching/Supervision/Professional Practice

U.G. Courses Taught (B.Sc.)

1. Algae & Bryophytes 2. Pteridophytes & Gymnosperms 3. Plant Taxonomy 4. Ecology 5.Cytology 6. Plant Physiology & Biotechnology 7. Ethnobotany & Medicinal Plants 8.Introductory Ecology 9. Seedless plants 10. Seed plants 11. Plant Anatomy 12. Crop Science 13. Field Course 14. Systematic Biology 15. General Cytology 16. Population Ecology 17.Economic Botany 18. Ecology & Environment 19. Soil Ecology 20. Plant Reproduction 21.Plant Tissue Culture 21.Intoduction to biotechnology 22. Molecular biotechnology 23.Envrommental biotechnology

P.G. Courses Taught (M.Sc & Ph.D)

1. Variation and Evolution of Flowering Plants 2. Advanced Anatomy

3. Advanced Plant Systematic 4. Biodiversity and Taxonomy

5. Evolution and Diversity of Major Plant Groups 6. Flora of Nigerian Vegetation

7. Advanced Plant Anatomy and Embryology 8. Principles and Procedures of Plant Taxonomy

9. Advanced Plant Biotechnology 10. Ecosystem Ecology

11. Ecosystem Pollution Ecology 12. Forest and Savanna Ecology

13. Molecular biotechnology

Supervision of Students

a. Supervised B.Sc Hons Students:

S/N	ADM.N0	Name	Thesis/Dissertation	Status	Degree	Date of award
1.	0710205011	Mustapha Abubakar	An ethno-botanical survey of Aliero Local Government ,Kebbi State, Nigeria	Supervisor	B.Sc. 2011 w class	Botany ith First
2.	0711302032	Imam Khadijat Isa	An ethno-botanical studies of Bauwa Local Government, Sokoto, Nigeria	Supervisor	B.Sc. 2012 Second upper	Biology with class
3.	0810205001	Shehu Mohammed Aliero	Phenological behavior of tree LGA , Nigeria	Supervisor	B.Sc. 2012 Second upper	Botany with class
4.	0810205006	Okusanya Aminat A.	Phenological behavior of tree BKLG, Nigeria	Supervisor	B.Sc with class 2012	Botany Second upper
5.	0811302039	Kashimu Abubakar Shagari	An ethno botanical studies of Azadirachta indica in Sokoto State , Nigeria	Supervisor	B.Sc. Bio With class low	Second
6.	0910205009	James O. John	Floridiversity of Kalgo Local Government Area, Kebbi State, Nigeria	Supervisor	B.Sc. Bot With Class 2014	Second lower
7.	0910205019	Sanusi Muhammed	Diversity of Vascular plant of Jega Local	Supervisor	B.Sc. with	Botany Second

			Government Area, Kebbi State, Nigeria		Class upper 2013
8.	1010205005	Muniruddeen Latifat T.	Study of Medicinal Flora of Argungu Local Government Area, Kebbi State, Nigeria	Supervisor	B.Sc. Botany with Second Class lower 2014
9.	1010205013	Usman Muhammed	The Study of Ethno- Medicinal plants of Kalgo Local Government Area, Kebbi State, Nigeria	Supervisor	B.Sc. Botany with Second Class lower 2014
10.	12202113011	Sanusi A. Burmu	The Study of Ethno- botany of Dakingari, Suru Local Government Area, Kebbi State, Nigeria	Supervisor	B.Sc. Biology with Second class lower 2015
11.	1220213013	Md. A. Jibirin	The Study Ecology of Aliero Local Government Area, Kebbi State, Nigeria	Supervisor	B.Sc. Biology with Second class upper 2015
12.	1010205004	Md. Hajara	Paradox of leaf phenology of Cassia siebernia L. in KSUSTA Campus, Kebbi State, Nigeria	Supervisor	B.Sc. Botany with Third class 2015
13.	1110205002	Auwal Aliyu Jega	Paradox of leaf phenology of Calotropis procera L. found in Jega Local Government Area of Kebbi State, Nigeria	Supervisor	B.Sc. Botany with Third class 2015
14.	1010205006	Abraham Maidawa	Paradox of leaf phenology of Acacia nilotica L. in Kalgo Local Government	Supervisor	B.Sc. Botany with Second class lower 2015

			Area of Kebbi State, Nigeria		
15.	1210205001	Zubairu Sani Aliero	Leaf phenology of Tamarindus indica L. found in Aliero local Government area Kebbi state, Nigeria	Supervisor	B.Sc Botany with Second class lower 2016
16.	1210213001	Shuaibu Yusuf	Survey of Socio- Economic plants found in Jega local Government area of Kebbi state	Supervisor	B.Sc Biology with Second class lower 2016
17.	1320213005	Abdulrahman Hassan	Study of Ethno- Medicinal plants found in Koko/Besse local Government area of Kebbi State	Supervisor	B.Sc Biology with Second class upper 2016
18.	1320213008	Kabiru Jibril	Salient features of Floristic Diversity of Sokoto South local Government area, Sokoto State	Supervisor	B.Sc Biology with Second class lower 2016
19.	1210302025	Aisha Abubakar Gesto	Medicinal Plants used in Traditional Maternal Health care in Sokoto North , Sokoto State, Nigeria	Supervisor	B.Sc Biology with Second class Upper 2017
20.	1210302026	Abdul Salam Maryam	Phytoplankton and Limnological variables as water quality indicators in Rima River, Sokoto Nigeria	Supervisor	B.Sc Biology with Second class lower 2017

21.	1210302028	Jabir Muhammad Sani	Ethnobotanical Study of <i>Adansonia digitata</i> L. found in Maiyama Local Government area , Kebbi State	Supervisor	B.Sc with class 2017	Biology Second upper
22.	1210302031	Umar Idris Sarka	Ethnobotanical survey of Medicinal Plants used in the treatment of skin diseases in Arewa local Government area of Kebbi State, Nigeria	Supervisor	B.Sc with class 2017	Biology Second upper
23.	1210302031	Habibu Haliru	Ethnobotanical survey of Plants used to treatment Human Ailments in Gummi local Government, Zamfara State	Supervisor	B.Sc with class lo	Biology Second wer 2017
24.	1210302033	Aladire Shukurat Saka	Studies on Antimicrobial properties of Zinger offinales Rosc. On some selected medical isolates	Supervisor	B.Sc with class 2017	Biology Second upper
25.	1310213012	Adefuye Ayobami	Floristic diversity of Angiospermic plants found in Birnin Kebbi local Government area of Kebbi State	Supervisor	B.Sc with class lo	Biology Second wer 2017
26.	1420213002	Abubakar Aliyu	Eco-Taxonomical study of Cleome viscose L. Found in Kalgo local Government area of Kebbi State	Supervisor	B.Sc with class 2017	Biology Second upper

27.	1420213008	Zakari Suleiman	Floristic diversity of aquatic plants found in Kainji Dam , Borgu local Government area , Niger State, Nigeria	Supervisor	B.Sc with class low	Biology Second ver 2017
28.	1420213014	Aliyu Musa	Ethno-medicinal values of Tamarindus Indica L. found in Jega, Yauri & Zuru local Government areas, Kebbi State, Nigeria	Supervisor	B.Sc with class low	Biology Second ver 2017
29.	1410205004	Ibrahim B. Maniru	Impact of Nitrogen on the vegetative growth of some selected plants	Supervisor	B.Sc with class 2018	Botany Second upper
30.	1520205007	Aliyu Abdulrahman A.	Ethnobotanical survey of plants used for the treatment of diseases in Birnin Kebbi Metropolis	Supervisor	B.Sc with class low 2018	Botany Second er
31.	1410213019	Abubakar U. Libbata	Ethno-medicinal value and Phytochemical screening of <i>Balanites aegyptica</i> (L) Del found in Aliero local Government area. Kebbi State	Supervisor	B.Sc with class low 2018	Biology Second ver
32	1410213029	Abdul Rashid Y.	Ethno-medicinal value of <i>Eucalyptus</i> camuldulensis L found in Jega local Government area. Kebbi State	Supervisor	B.Sc with class low 2018	Biology Second ver

33.	1410205007	Nasiru Saidu	Ethnobotanical survey of some selected herbage vegetables sold along street in Aliero Metropolis, Kebbi State	Supervisor	B.Sc Botany with Second class upper 2018
34.	1410213010	Binta Ilysu	Ethno Medicinal study of plants used to treat human ailments in Birnin Kebbi local Government, Kebbi State	Supervisor	B.Sc Biology with Second class lower 2018
35.	1510205005	Rukayya P. John	A comparative studies on Fungal species associated with the spoilage of fresh and dried stored Tomato (Lycpersicom esculentum L.) fruit in Birnin Kebbi Central Market, Nigeria	Supervisor	B.Sc Botany with Second class lower 2019
36.	1620205001	Muhammad Abdulazeez Buma	Eco-Taxonomical studies of Adansonia digitata L. (Baobab) found in Birnin Kebbi Local Government area, Kebbi State, Nigeria	Supervisor	B.Sc Botany with Second class upper 2019
37.	1620205006	Isah Abubakar Dauran	Ethnobotanical survey of plant used for the treatment of wound in some selected villages in Shinkafi and Zurmi Local Government area of Zamfara State, Nigeria	Supervisor	B.Sc Botany with Second class upper 2019

38.	1510205010 1620213014	Mustapha Umar Mungadi Isiyaku	Diversity of weeds found in Maiyama Local Government area, Kebbi State, Nigeria Phyto-Chemical and	Supervisor	B.Sc Botany with Second class lower 2019 B.Sc Biology
		Namadina	Proximate analysis of Aloe vera L.		with Second class lower 2019
40.	1510213024	Yazid Malam Labbo	A survey of Ethno Medicinal plants that used for the treatment of dysentery in Shanga Local Government area, Kebbi State, Nigeria	Supervisor	B.Sc Biology with Second class lower 2019
41.	1620213012	Usman Abdullahi	Diversity of trees and Shrubs found in Maiyama Local Government area, Kebbi State, Nigeria	Supervisor	B.Sc Biology with Second class upper 2019
42.	1510203034	Adam Abdullahi	The study of some traditional medicinal plants found in Bunza Local Government area, Kebbi State, Nigeria	Supervisor	B.Sc Biology with Second class lower 2019
43.	1510203021	Nura Kamal	Medicinal values of some selected plants found in Danko Wasagu Local Government area, Kebbi State, Nigeria	Supervisor	B.Sc Biology with Second class lower 2019

44.	1610205001	Saidu Nafiu	Impact of Inorganic fertilizer on the Vegetative growth Onion (Allium cepa L.) in Aliero Local Government Area, Kebbi State, Nigeria	Supervisor	B.Sc Botany with Second class lower 2020
45.	1610205006	Jibril Muhammed Bello	Effect of Inorganic fertilizer on Vegetative growth and yield of Groundnut (Arachis hypogea L.) in Aliero Local Government Area, Kebbi State, Nigeria	Supervisor	B.Sc Botany with Second class upper 2020
46.	1610213007	Abdulrauf Rabiu	Determination of Lycopene and Antioxidants vitamin (A, C &D) of fresh and dry Tomato	Supervisor	B.Sc Biology with Second class lower 2020
47.	1610213019	Faruk Musa	Impact of Organic fertilizer on the growth of (Citrus lanatus L.) Water melon plant Aliero Local Government Area, Kebbi State, Nigeria	Supervisor	B.Sc Biology with Second class upper 2020
48.	1610213008	Zainab K. Aliyu	Impact of Inorganic fertilizer on the Vegetative growth Okra (Abelmoschus esculentus L.) in Aliero	Supervisor	B.Sc Biology with Second class upper 2020

			Local Government Area, Kebbi State, Nigeria		
49.	1710213007	Abdullahi Abdulaziz	The Influence of varying rate of application of NPK Fertilizer on the growth and yield of Tomatoes (Lycopersicum esculentum)	Supervisor	Biology Second upper
50.	1710213001	Amina Sarki Musa	Effect of Organic fertilizer (Poultry Manure) on Vegetative growth of Pepper (Capsicum frutescens) in Aliero Local Government area, Kebbi State, Nigeria	Supervisor	Biology Second upper
51.	1710213008	Usman Abdulmalik	Effect of Organic fertilizer, Broadcasting method on the production of Soya Beans seeds	Supervisor	Biology Second upper
52.	1710213015	Alhassan Abubakar	Effect of Poultry manure on growth and yield of Cowpea (Vigna unguiculata)	Supervisor	Biology Second upper
53.	1610205005	Musa Yakubu Musa	Effect of Inorganic fertilizer on the vegetative growth and yield of Amaranthus viridis, in Botanical garden, Kebbi State	Supervisor	Botany Second er 2021

			University of Science			
			and Technology Aliero			
			,			
54.	1710205001	Yakubu	Effect of Organic and	Supervisor	B.Sc	Botany
		Usman	Inorganic fertilizer on		with	Second
			the growth of Daucas		class	upper
			carota L. (Carrot)		2021	
			cultivated at Kebbi			
			State University of			
			Science and			
			Technology Aliero			
55.	1710205006	Mansur	Effect of Inorganic	Supervisor	B.Sc	Botany
		Shehu	(NPK) Fertilizer on		with	Second
			Watermelon plant		class	upper
			and fruit (Citrullus		2021	
			lanatus L.) in Aliero			
			Local Government			
			area, Kebbi State,			
			Nigeria			
56.	1710205014	Abdulrahman	Effect of Inorganic	Supervisor	B.Sc	Botany
		Sani	fertilizer (NPK) on		with	Second
			Vegetative growth of		class	upper
			Lycopersicum		2021	
			esculentum			
57.	1710205016	Aisha Yusuf	Effect of Inorganic	Supervisor	B.Sc	Botany
		Gebbe	fertilizer (NPK) on		with	Second
			reproductive yield of		class	upper
			Okro (Abelmoschus		2021	
			esculentus L.)			
58.	1710205018	Abdullahi	Study of effect of	Supervisor	B.Sc	Botany
		Rilwan Wahid	inorganic fertilizer on		with	Second
			Onion (Allium cepa L.)		class	upper
			in Aliero, Kebbi State		2021	
	1	1	I	1	I	

59.	1710205019	Yahuza Kyale	Effect of Inorganic fertilizer (NPK) on vegetative growth of Citrullus lanatus L. (Water melon) in Aliero Local Government area, Kebbi State, Nigeria	Supervisor	B.Sc with class 2021	Botany Second upper
60.	1710205020	Abdul Aziz Abubakar	Comparative effect of Poultry dropping and cow dung on the yield of Lettuce (Lactuca sativa L.) cultivated at Kebbi State University of Science and Technology, Aliero	Supervisor	B.Sc with class 2021	Botany Second lower
61.	1710205023	Ayuba Yakubu	Effect of Inorganic fertilizer (NPK) on growth of (Beans) Vigna unguiculata in Kebbi State University of Science and Technology, Aliero	Supervisor	B.Sc with class 2021	Botany Second upper
62.	1710205040	Asabe John	Effect of Organic and Inorganic fertilizer on yield of Solanum tubersum (Potato)	Supervisor	B.Sc with class 2021	Botany Second upper
63.	1710205024	Rabiu Aliyu	Effect of Inorganic fertilizer on growth and yield of Millet (Pennisetum typhoid L.)	Supervisor	B.Sc with class lo	Botany Second wer

64.	1710205021	Aisha	Impact of Nitrogen on	Supervisor	B.Sc	Botany
		Mustapha	Vegetable growth and		with	Second
		Dodo	yield of Cabbage		class lower	
			Brassica oleracea L.			

b. Supervised M.Sc. Students

- Effect of Arbuscular mycorrhizal Fungi as Fungal biofertilizer on growth and yield of Okaro (Abelmoschus esculentus L.). By Abubakar Sahabi Aliyu (Adm.No. 10211308006) M.Sc Botany Supervisor
- 2. Prevalence of *Vulvovaginal candidiasis* among women of reproductive age, visiting women and children hospital Gusau, Zamfara state. By Sani Muhammed Garba (Adm. No. 10211308007) M.Sc Botany

 Supervisor
- 3. The Phytochemical study and Ethnobotany of *Moringa oleifera* Lam. By Ekaenang Inemest Anietie (Adm.No. 14210302006) M.Sc Biology Major Supervisor
- 4. Efficacy of *Euphorbia balsamifera* Ait and *Jatropha curcus* L. leaf extract on Mosquitoes larvae. By Ibrahim Sani (Adm. No.14210302010) M.Sc Biology **Major Supervisor**
- 5. Accumulation of some heavy metals in plants around Bagega Artisanal gold mining area and their soil remediation potential. By Abdullahi Mudansiru (Adm.No.14210302008) M.Sc Biology Supervisor
- 6.Occurrence of fungi associated with unwholesome sweet potato (*Ipomoea batatas* Lam) in selected communities in Kebbi state. By Muhammad Shehu Aliero (Adm. No.02/15202101)

 M.Sc Botany

 Major Supervisor
- 7. The effect of Neem (Azadirachta indica A. Juss.) leaves extracts on fungi associated with aerial part of Rice. By Yahaya Usman (Adm. No. 02/15202102) M.Sc Botany Major Supervisor
- 8. Isolation and identification of fungi associated with Watermelon, grown in dry season farming within Birnin Kebbi. By Sa,adatu Muhammed (Adm. No. 02/15202103) M.Sc Botany Supervisor
- 9. Ruderal plant communities in Birnin Kebbi area, Kebbi State, Nigeria, By Jafar Musa (Adm. No. 02/17202102) M.Sc BotanyMajor Supervisor
- 10. Growth performance, hematological, indices and proximate composition of *Clarias gariepinus* Fed with crude extract of *Moringa oleifera* Saponin By Emmanuel Joseph Kamba (Adm. No.02/16202206) M.Sc Zoology
 Supervisor

11.Comparative studies on the growth and yield Bulb storage quality of Onion Cultivated in Sokoto and Kebbi State, Nigeria. By Abdulrahman Sani Aliero (PGS/02/18202102) M.Sc Botany Major

Supervisor

- 12.Evalutation of Allelopathic effects of selected weeds extract on Germination and growth of *Borreria stachydea* L. and *Mitracarpus hirtus* L. By Aliyu Abubakar (PGS/02/18202103) M.Sc Botany

 Supervisor
- 13. Comparative study of some Plants species for Air Pollution Tolerance index in Aliero local Government Area, Kebbi state, North western Nigeria. By Abubakar Iyya (PGS/02/19202101) M.Sc Botany

 Supervisor
- 14. Ecological Studies on Typha Plant found in Aliero Local Government area of Kebbi State,Nigeria. By Zubairu Sani Aliero (PGS/02/19202102) M.Sc BotanyMajor Supervisor
- 15. Effect of Anthropological activities on the Vegetation of Sokoto Basin in Sokoto State, North-Western Nigeria. By Bashar Mohammed Yabo (PGS/02/19202103) M.Sc Botany
 Major Supervisor
- 16. Distribution and Ecological studies of Achyranthes aspera found in Birnin Kebbi local
 Government Area Kebbi state, Nigeria. By Hauwau Bello Abubakar (PGS/02/19202104) M.Sc
 Botany

 Major Supervisor
- Survey of Endangered indigenous and Exotic Woody Plants species in Dandi Local
 Government Kebbi state North -Western Nigeria. By Umar Haruna (PGS/02/19202105) M.Sc
 Botany

 Major Supervisor
- 18. Antifungal Properties of Indigenous Plant Species on Selected Human Dermatophytes. By Abubakar Salisu Nanoh (PGS/02/19202106) M.Sc Botany Supervisor
- 19. Detection of aflatoxin contents and incidence of fungal flora of locally produced condiments in Kebbi State. By Abdulrahman Ahmad (PGS/02/19202107) M.Sc Botany

 Supervisor
- 20. Nutritional value of Underutilized Mushroom in Kebbi State Western Nigeria. By Maidanpa Jonathan (PGS/02/19202108) M.Sc Botany

 Supervisor
- 21. Health Risk Assessment of Growing Spinach (Amaranthus caudatus L.) and Lettuce (Lactuca sativa L.) Using Refuse Dumping Soil in Gusau, North-Western Nigeria. By Attahiru Muhammad Shagamu (PGS/02/19202109) M.Sc Botany

 Supervisor

- 22. Absorption of some heavy metals by spinach (Amaranthus hybrids L.) in Botanical garden, KSUST Aliero. By Aminu Sule (PGS/02/19202112) M.Sc Botany Major Supervisor
- 23. Causes and Consequences of Deforestation on Rural Household Income in Aliero Local Government area of Kebbi State. By Zom Doma Jeofree (PGS/02/19202113) M.Sc Botany Supervisor
- 24. Effects of Industrial Effluent of Labana Rice Mill on germination and growth performance of Tomatoes and Okra. By Shafiu Samaila (PGS/02/19202114) M.Sc Botany Major Supervisor

c. Supervised Ph.D Students:

- Diversity and Nutritional Composition of wild Edible Macro-Fungi (Mushroom) in Kebbi State, Northern-Western, Nigeria. By Grace Abu Polycarp (PGS/04/19202101) Ph.D Botany Supervisor
- 2. Phytoremediation of Potential of soil contaminated with heavy metals using Selected Local Plant Species. By Malike Imonikhe Aminu (PGS/04/192021O2) Ph. D Botany

 Major Supervisor
- **3. St**udies on African Mistletoe-Host interactions and its Molecular characterization in Birnin Kebbi Local Government area, Kebbi State. By Muhammad Musa Tanko (PGS/04/19202103) **Ph.D Botany**

Major Supervisor

- 4.Determination of Water Quality and their Pathological effect on the Albino Rates. ByMuhammad Naka Keta (PGS/04/20202101) Ph.D BotanyMajor Supervisor
- **5. Asse**ssments of Water (Borehole, River and Well Water) Quality and their effect on Albino Rates in Kebbi State. By Adepouju Oluweseun Ayobami (PGS/04/20202102) **Ph.D Botany Supervisor**
- 6. Survey and Eco-physiological Studies of Invasive Alien Plant Species in Riparian Zones of Sokoto State, Nigeria. By Shafiu Ismaila Adili (PGS/04/20202103) Ph.D Botany Major Supervisor
- 7. Health Risk Assessment of Heavy Metals through Consumption of Cereal crops (Oryza sativa L.., Sorghum bicolor L., Zea mays L. and Pennisetum glaucum L.) Grown in Dump soil in Zamfara, North- Western, Nigeria. By Attahiru Muhammad Shagamu (PGS/04/22202102)

 Ph.D Botany in View

 Major Supervisor
- 8. Determination of Clay Minerals and Physicochemical Properties of Soil in Sokoto State,
 North- West. Nigeria. By Bashar Muhammad Yabo (PGS/04/22202105) **Ph.D Botany** in View

 Major Supervisor

14. Research Experience (Ph.D)

- Jan 1994-Dec 1998: Janata Mahavidyalaya Ajitmal, Etawah, CSJM University Kanpur, India
- a. Collection of plants and identification across the District, Preserved the plants
- b. Experience in the use of Vasculum, binocular dissecting microscope, herbarium press, Room Heater
- c. Written description of 102 families, 560 species and 123 medicinal plants species collected
- d. Area covered 4,486 Sq.km. Duration of worked: January 1994 to April 1998

15. Research Projects

- 1. EHNO-MEDICINAL AND MORPHO-TAXONOMIC STUDIES ON THE FLORA OF KEBBI STATE, NIGERIA, WITH AN EMPHASIS UPON THE EX-SITU CONSERVATION OF GERMPLASM RESOURCES OF THE SELECTED SPCIES SPONSORED BY TET FUND ABUJA, NIGERIA (from 2010 to 2014) Principle Investigator
- 2.Ethnobotanical study, Photochemistry and Toxicological investigation of plants used for anticancer treatment by traditional medicine practitioners in Kebbi state, Nigeria SPONSORED BY TET FUND ABUJA, NIGERIA (from 2016 to 2018) Co-Investigator

16. Administrative Experience

- 1.1999-2008: Head of Dept. of Botany
- 2. 2003-May 2008: Chief Proctor of College
- 3. 2005-May 2008: Sports Manager of College Team
- 4. 2006-2008: Assistant Senior Superintendent of University Examinations
- 5. Jul 2004-May 2008: Dean Faculty of Science
- 6. 2007-2008: Regional Coordinator of Origin Test Limited, Mumbai
- 7. January 2010 March 2011: Head of Botany Unit
- 8. June 2010 December 2016: Head of Department Biological Sciences & Member of University Senate
- 9. June 2011-Chairman: Department Appointment and Promotion Committee
- 10. June 2011-Chairman: Departmental Seminar Committee
- 11. June 2011- Chairman: Departmental Board Meeting
- 12. June 2012- Chairman: Course Curriculum Review Committee
- 13. June 2012-Chief Examination Officer of the Department

- 14. March 2011-2015: Chairman, Committee of the Actualization of Science Journal
- 15. June 2012 2016: Member, Faculty of Science, Admission Committee
- 16. June 2012 June 2024: Editor, National Journal of Life Sciences
- 17. May 2013-2018: Member, University Strategic Planning Committee
- 18. May 2013-2018: Member, University Landscaping and Environmental Sanitation Committee
- 19. December 2015-2018: Level Coordinators of Biology Programs
- 20. 2015-2018, Coordinator: Field Trip
- 21. Local Organizing Committee, Member 2017: Botanical Society of Nigeria, Sokoto
- 22. May 2017- 2018: Chairman, Faculty Committee on Environmental Sanitation
- 23. September 2018-June 2024: Head, Department of Plant Science & Biotechnology & Member of Senate
- 24. October 2018-2020: Departmental P.G. Coordinator
- 25. February 2019- June 2024: Editor, Journal of Innovative Research in Life Sciences
- 26. March 2020- Member, 1st International Conference local organizing committee
- 27. July 2020- Member: Committee on Ph.D Thesis Selection
- 28. 2020-2021, Registration officer
- 29. 2020-2021, Spill over Coordinator
- 30. January 2022- Member, Environmental Sanitation Committee
- 31. June 2022-Chairman, Adhoc Committee on Environmental Flowering and Tree Planting
- 32. October 2022-Chairman-Departmental Research Committee
- 33. October 2022-Chaiman-Quality Assurance Committee
- 34. October 2022-Charman-Departmental Postgraduate Research Committee
- 35. 2022-2023, Admission Officer
- 36. 2023- Chairman, Committee for the Upgrade of the BMAS to CCMAS

- 37. 2023-January 2-4, Postgraduate School Representative on M.Sc External Examination Committee
- 38. March 2023-Chairman, Faculty Committee for the Establishment of B.Sc Biotechnology Programme
- 39. August 2023-Member, Faculty Accreditation Committee
- 40. October 23-Chairman-Committee on University Environmental flowering, Trees Plaining & Beautification
- 41. October 2023-Supervisor-Industrial Training work scheme students
- 42. December 23-Chairman: Postgraduate Committee
- 43. 2023-2024 Session, Departmental Registration Officer
- 44. June 2024 HOST, 30th Botanical Society of Nigeria (2nd-6th June 2024)

17. Chairman/Judge

19th National Children's Science Congress of India

18. Nomination/Award/Prize/Biography/Appreciation letter

- 1.2014. Nominated for World Leading Scientist. IBS Cambridge, England
- 2. 2016. Longest serving HOD- Kebbi State University of S&T Aliero, Nigeria
- 3. 2017. Certificate of Honour-Management of Raudatus Sunnah Academy Jega, Nigeria
- 4.2018 Dictionary of International Biography: International Biography Centre Cambridge, England
- 5. 2023. Appreciation Letter, by Registrar-Kebbi State Univ. S &T Aliero, Nigeria
- 6. 2024. Appreciation Letter, by Vice Chancellor-Kebbi State Univ S. & T Aliero, Nigeria
- 7. 2024. Appreciation Letter, **by Dean Faculty of Life Sciences** Kebbi State Univ S. & T Aliero, Nigeria
- 8. 2024. Appreciation Letter, by Director Division of General Studies- Kebbi State Univ
 - S. & T Aliero, Nigeria

19. Scientific Publications

Books Published:

- Singh, D. (2005: Text Book of Environmental Studies, Samvet Publishers, Kanpur, India. (1st Ed)
- 2. Singh, D. (2007): **Hand Book of Environmental Studies,** Samvet Publishers, Kanpur, India. (1st Ed)
- 3. Singh, D. & Misra, B.K. (2014): *Flora of Etawah and Auraiya Districts, Uttar Pradesh State, India*. ISBN NO: 978-3-659-54066-0, Lap Lambert Academic Publishing, Germany. e-book https://www.lap-publishing.com and Print book *****
- 4. Singh, D (2015): *Floristic Diversity of Kebbi State Nigeria, West Tropical Africa*. ISBN NO:978-3-659-45196-6, Lap Lambert Academic Publishing, Germany. e-book https://www.lap-publishing.com and Print book *****
- 5. Singh, D (2016): **Fundamentals of Ecology and Environmental Studies.** ISBN NO:978- 3-659-82071-7, Lap Lambert Academic Publishing, Germany. e-book https://www.lap-publishing.com and Print book ****
- 6. Singh, D, J.N, Keta, Hani, G.D and I. Abuga (2024): Book of Abstracts, Botanical Society of Nigeria, Hosted by Department of Plant Science and Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria. Annual Conference & General Meeting (Hybrid Conference-2nd June to 6th June 2024)- D. Singh, Chief Editor

Journals Articles:

- 1. Singh, D. (2002) Plants of Medico-Ethnological and pharmaceutical Importance from the flora of Etawah district (U.P) Journal of Phytological Research 15 (1) 59-63.
- 2. Singh, D. (2003) Largest family in the floral of Etawah district (U.P), India-Poaceae (Gramineae). *Journal of Phytological Research* **16** (2) 243-346.
- 3. Singh, D. (2003) **Dominance genus** *Cyperus* **L. In the flora of Etawah district (U.P) India.** *Journal of Phytological Research* **16** (2) 261-263.
- 4. Singh, D. (2006) Salient Features of Floristic of Etawah district (U.P) India. Journal of Phytological Research 19 (1) 107-110.

- 5. Singh, D. (2008) Some Aquatic and Marshy plants of Auraiya and Etawah districts (U.P) India. *Journal of Phytological Research* **21** (1) 123-126.
- Singh, D. (2009) An Ethno-Medico-Botanical survey of Kanpur district (U.P)
 India. Biological and Environmental Sciences Journal for the Tropics 6(4)69-71,
 Nigeria *****
- 7. Singh, D. (2009) Few rare Species in the Flora of Etawah district (U.P) India, for The Flora of Upper Gangetic Plain. *Journal of Phytological Research* **22**(1)163-166.
- 8. Singh, D. Joint with Amina Abubakar and Filibus Zange (2010) A Survey of Ethnomedicinal flora of Kebbi State, North-Western Nigeria. *Biological and Environmental Sciences for the Tropics* **7**(3) 133-135 Nigeria. *****
- 9. Singh, D, Joint with B.K. Misra and Amina Abubakar (2010) Some aspects of the studies in floridiversity of Kebbi State, Nigeria, West Tropical Africa-I. Biological and Environmental Sciences Journal for the Tropics 10 (4) 212-218 Nigeria.

- 10. Singh, D. Joint with Amina Abubakar and Jibrin N. Keta (2010) Proximate composition of *Tribulus terreestris* L. Leaves commonly found in some parts of Kebbi State, Nigeria. *Journal of Phytological Research* 23 (2) 199-200.
- 11. Singh, D. Joint with Amina Abubakar (2011) Morpho-Taxonomic and Ethno-Medicinal Aspects of Flora in Kebbi State, North-Western Nigeria. *Biological and Environmental Sciences Journal for the Tropics* 8(2) 198-205 Nigeria. *****
- **12.** Singh, D. Joint with Amina Abubakar (2011) **Study of Weed Flora of Kebbi State, Nigeria, West Tropical Africa.** Journal of Biological Sciences and Bioconservation Vol. **2** 89-96. *****
- 13. Singh, D and Abubakar, A (2011) Morpho-Taxonomic and Ecological study of *Aloe vera* Tourn. EX L. species found in Kebbi State, Nigeria, West Tropical Africa. *Journal of Phytological Research* 24 (2) 237-239.
- 14. Misra, B.K, Singh, D, Mishra, R.K, Gaur, A and Abubakar, A. (2012) Phenology of Angiospermic Tree species in Central Uttar Pradesh and adjoining District of

- **Bhind (Madhya Pradesh) in India.** *Biological and Environmental Sciences Journal for the Tropics* Vol. **9** 93-95 *****
- 15. Singh, D and Abubakar, A (2012) Phenology of selected woody species found in Kebbi state, North-Western part of Nigeria, flora of West tropical Africa National Journal of Life Sciences Vol. 9 (1) 1-4.
- 16. Singh, D and Khadijat Isa Imam (2012) An Ethnomedicinal and Taxonomical studies in the Flora of Wamakko local Government area, Sokoto State, Nigeria, West Africa Journal of Phytological Research 25 (2) 142-152
- 17 Singh, D (2013) Phenology of Selected Tree and Shrubs species found in Aliero Local Government Area, Kebbi State, Nigeria. Equity Journal of Science and Technology Vol. 1 (1) 23-26 *****
- 18. Singh, D and Abubakar, A (2013) Study of Weed Flora of Kebbi State, Nigeria, West Tropical Africa. *Life Sciences* Bulletin *Vol.* 10 (2) 329-333.
- 19. Singh, D and Aliero, M.S (2013). Paradox of Leaves Phenology of Adansonia digitata L. in Aliero Local Government Area of Kebbi state, Nigeria, West Africa Biological and Environmental Sciences Journal for the Tropics Vol. 10 (1) 147-150 *****
- 20. Singh, D and Misra, B.K. (2013) **Towards Making a Flora of Kebbi State, Nigeria parts: 2, West Africa.** *Biological and Environmental Sciences Journal for the Tropics* Vol. **10** (4) 184-188. *****
- 21. Singh, D and Mustapha Abubakar (2013) Study of the Ethno-medicinal Flora in the Aliero Local Government Area, Kebbi State, Nigeria. *National Journal of Life Sciences* 10(2) 251-256
- 22. Singh, D (2014) Family Cyperaceae Juss. from the Flora of Subtropical Humid region of India (Etawah and Auraiya districts) Uttar Pradesh State.
 International Journal of Food Agriculture and Veterinary Sciences Vol.4 (2)110-123 *****
- 23. Singh, D (2014) Morpho-taxonomic Studies in the Flora of Wamako local Government area, Sokoto State, Nigeria. Biological and Environmental Sciences Journal for the Tropics Vol. 11 (3) 210-218. *****
 - 24. Singh, D (2015) Study on Traditional Medicinal Flora of Argungu local Government areas, Kebbi State, Nigeria, West Africa. International Journal of Modern Plant and Animal Sciences Vol 3 (1). 16 32 *****

- 25. Singh, D (2015) Study on Vascular Plants species found in Jega local Government areas Kebbi State, Nigeria, West Tropical Africa. International Journal of Modern Plant and Animal Sciences Vol 3 (1). 33-44 *****
- 26. Singh, D (2016) **Diversity of Weed Ecology of Aliero Local Government Areas, Kebbi State, Nigeria.** International Journal of Environment and Bioenergy Vol **11** (1). 12-23 *****
- 27. Singh, D (2016) Study of Ethno-Botanical Flora of Dakingari, Kebbi State Nigeria, West Tropical Africa. International Research Journal of Engineering, IT and Scientific Research Vol 2 (5). 22-39 *****
- 28. Singh, D (2017) Leaf Phenology of Cassia sieberiana L. in KSUSTA Campus of Kebbi State, Nigeria. International Journal of Life Sciences Vol 1(1).1-7

- 29. Keta, J.N, **Singh, D,** Obaroh, I.O, Grace, B.G and Keta, M.N (2017) **Effect of** *Moringa oleifera* seeds on purification of water sludge from Tannery

 Industry. International Journal of Traditional and Natural Medicines Vol **7**(1).

 11-21

 - 30. Singh, D (2018) Salient Features of Floridiversity of Sokoto South Local Government Area, Sokoto State Nigeria, Flora of West Tropical Africa.

 International Journal of Modern Plant and Animal Sciences Vol 6 (1).1-6 *****
 - 31. Abubakar, M., Singh, D., Hamisu, A. and Bashar, G.B (2019) Fungi Associated with Spoilage food of Water Melon fruits (*Citrullus lanatus* Thumb.) in Jega Local Government area, Kebbi State, Nigeria. Sabanna Journal of Basic and Applied Sciences Vol 1 (1). 9-13*****
 - 32. Abubakar, M., Singh, D. and Keta, J.N (2019) Cassava Mosaic Disease and associated Gemini Viruses in Bauchi State, Nigeria: Occurrence and distribution. American Journal of Plant Biology Vol 4(4). 85-90****
 - 33. Singh, D. and Zakari, S. (2019) Floristic Diversity of Aquatic Plants found in Kainji Dam, Borgu Local Government areas of Niger state, Nigeria.

 Journal of Innovative Research in Life Sciences Vol 1(1). 37-44 ******
- 34. Mustapha Abubakar, Singh, D. Anas Hamisu, Jibrin N. Keta and Amina J. Ahmad (2019) Identification and Assessment of the effects of Pathogenic Fungi associated with the spoilage of Tomato fruits in Jega Local Government area Kebbi State, Nigeria. Journal of Innovative Research in Life Sciences Vol 1(2). 47-54 *****

35. Singh, D. Mungadi, M.U. and Tanko, M.M. (2020) Salient features of Diversity of Weeds found in Maiyama Local Government area of Kebbi State, Nigeria. International Journal of Modern Plant and Animal Sciences
Vol 7 (1).49-59 *****

36. Babangida, A.I, Angela, N.U.K, Abubakar, D.G, **Singh, D,** Ibrahim, M, Tijani, S.S, Aliyu M, Yakubu, Y, Manga, S.S and Jega, S.H.(2020)

Ethnobotanical study of medicinal plants used for cancer treatment in Kebbi State, North- West Nigeria. Acta Ecologica Sinca Vol. 40: 306-314****

- 37. Keta, J.N. Obaroh, I.O. **Singh, D**. Manga, S.S. Muhammed, N.K. Attah, D.D. Mubarak, M and Aliyu, G.D. (2020) **Microbial Assessment of Moulds and Bacterial species in dried Cassava chips in Kebbi State**. *Equity Journal of Science and Technology Vol.* **7** (1) 141-146 *****
- 38. Isyaku, N.T. Lukman, A. Kele, M.K. Aliero, A.S. and Singh, D. (2021) Prevalence of *Entamoeba histolytica* among Patients Attending Federal Medical Center Birnin Kebbi, Kebbi State, Nigeria.

 International Journal of Modern Plant and Animal Sciences Vol 8 (1).9-16

- 39. Ibrahim Babangida Abubakar, Sulaiman Sani Kankara, Ibrahim Malami, Jamilu Bala Damjuma, Yusuf Zahradeen Muhammad, Hasat Yahaya, **Singh, D.** Umar Jaji Usman, A.I.Angela, Aliyu Muhammad, Sanusi Ahmad Jega, O.F. Sulaimon, B.F. Mansurat and Q.O. Nurudeen (2021) **Traditional medicinal plants used for treating emerging and re-emerging viral diseases in North-West Nigeria**. European Journal of Integrative Medicine Vol. **40** (2020). 306-314 *****
- 40. Aliyu Abubakar, A. A. Aliero, Singh, D, J.N. Keta and Mubarak Aminu (2021)

 Allelopathic Potential of selected Weeds extract on Germination and

 Growth of Borreria stachydea (DC.) International Journal of Scientific

 Research in Biological Sciences Vol.8 (6). 62-68 *****
- 41. Singh, D, J.N. Keta, A. Muhammad, M.A. Imonikhe and O.B. Anthony (2022).

 Phytoremediation Potential of *Jatropha curcus* and *Cassia occidentalis* on

 Selected heavy metals in the soil. Journal of Agriculture Policy Vol 5 (1).

 33-49****
 - 42. M.T. Muhammad, Singh, D, J.N. Keta, I.O. Obaroh, A.I. Malik and M.N. Keta (2022) Studies on Survey of African Mistletoe in Birnin Kebbi Local

- **Government area, Kebbi State**. Journal of Global Ecology and Environment Vol. 16(2). 43-49 *****
- 43. A.M. Shagamu, J.N. Keta, Singh, D. M.N. Keta and N. M. Ahmad (2022)

 Assessment of Heavy Metals Accumulation in Lactuca sativa and

 Amaranthus caudatus grown with manure from Reuse Dumping site in

 Gusau Local Government, Nigeria. International Journal for Science Global

 Sustainability Vol.8(1). 50-54****
- 44. M.T. Muhammad, Singh, D, J.N. Keta, I.O. Obaroh, A.I. Malik and M.N. Keta (2022) Phytochemical analysis and Ethno ecological survey of some species of African Mistletoes collected from Birnin Kebbi, Kebbi State, Nigeria. Journal of Innovative Research in Life Sciences Vol. 4(1) 65-73 *****
- 45. Caleb, D.O, A.A. Aliero, O.Y. Tajudeen, Umar Jafar and Singh. D (2023)

 Phytodiversity complex of Trees and Shrubs in Federal University Birnin Kebbi,
 Kebbi State, Nigeria. Acta Ecologica Sinca Vol.43(3)525-534 *****
- 46. Caleb, D.O, A.A. Aliero, A. Mudansiru and Singh. D (2022) Accumulation of Heavy Metals in Autochthonous plants around Bagega Artisanal Gold Mining Village and the Remediation potential of selected Plants. Acta Ecologica Sinca Inpress *****
- 47. Zubairu S. A, Singh D. and Keta, J.N. (2022) Typha angustifolia L. Grass hindering against Agricultural productivity in Aliero River, Kebbi State, Nigeria. Journal of Sustainability and Environmental Management Vol.1(3) 339-343 *****
- 48. Ahmad A, Keta, J.N. and Singh D (2022) Determination of Aflatoxin levels and Prevalence of Fungal Flora of Cwande Condiments sold in Zuru Local Government area, Kebbi State, Nigeria. Journal of Sustainability and Environmental Management Vol.1(4) 371-375 *****
- 49. Umar Kamba, Singh D and Keta, J.N. (2022) Survey of Endangered Woody plants species in Dandi Local Government area, Kebbi State, North-Western Nigeria. International Journal of Innovative Science and Research Technology Vol. 7(9) 1003- 1007*****
- 50. Keta, J.N, Singh D and Joefree, Z.D (2022) Causes and Consequences of deforestation on rural household income in Aliero, Kebbi State. Journal of Advanced Education and Sciences Vol. 2 (4) 56-60*****

- 51. Sule, A, Singh D and Keta, J.N (2022) Absorption of Some Macro-Elements and Heavy Metals by leaves of Spinach *Amaranthus hybridus* L. Discovery Analysis Article Vol 58 (324) 1317-1323*****
- 52. Attahiru, M, Keta, J.N, **Singh** D, Keta, N.M and Nura, M.A (2022) **Health risk** assessment of vegetables grown with manure from refuse dumping sites in **Gusao Local Government Zamfara State, Nigeria**. Biological and Environmental Sciences Journal for the Tropics Vol. 19 (2) 65-71*****
- 53. Jonathan, M, Keta, J.N and Singh D (2022) Identification and evaluation of proximate and antinutritional profile of some underutilized mushroom in Yauri Local Government Area, Kebbi State, Nigeria. Journal of Advanced Education and Sciences Vol. 2 (4) 60-61*****
- 54. Abubakar, I, Keta, J.N and Singh D (2022) Assessing of Pollution Tolerance Index of Plant Species in Aliero Local Government Area, Kebbi State, North-Western Nigeria. International Journal of Science for Global Sustainability Vol 8(3) 29-36*****
- 55. Polycarp, G. A, Shehu, K. **Singh** D. Sani, I. and Keta, J.N (2022) **Diversity of wild macrofungi found in Gwandu Emirate, Kebbi State, North Western , Nigeria**. Journal of Advanced Education and Sciences Vol. 2 (4) 67-75*****
- 56. Singh D, Musa, J, Keta, J.N and Tomar, N (2022) Ruderal Plants Biomass and Physiochemical Parameters in Birnin Kebbi Metropolis, Kebbi State, Nigeria. Journal of Sustainability and Environmental Management Vol.1(4) 383-390*****
- 57. Ahmad, A. Keta, J.N. Singh D, Hassan, S.R and Ibrahim, M (2022) Nutritional and Antinutritional Analysis of Dawadawa Condiments in Aliero Local Government, Kebbi State, Nigeria. Journal of Sustainability and Environmental Management Vol.1(4) 398-402*****
- 58. Polycarp, G.A, Shehu, K, **Singh** D, Sani and Keta, J.N (2022) **Nutritional and antinutritional compositions of wild macrofungi found in Gwandu Emirate, Kebbi State, Northwestern, Nigeria**. Journal of Advanced Education and Sciences Vol. 2 (4) 76-82*****
- 59. Bello, H.A, Singh D and Keta, J.N (2022) Morphology and pH of Achyranthes aspera L. found within Aliero local Government area, Kebbi State, Nigeria. Journal of Advanced Education and Sciences Vol. 2 (4) 109-112*****
- 60. Nanoh, A.S, Keta, J.N, Singh D, Keta, M.N and Mubarak, A (2022) Evolution and Identification of chemical constituents in Tamarindus indica leaf extract. Journal of Innovative Research of Life Sciences Vol. 4 (1) 105-109*****

- 61. Shafiu, S, Singh D and Keta, J.N (2022) Effects of Labana Rice Mill effluent on the germination and growth performance of *Lycopersicum esculentum L*. International Journal of Advanced Multidisciplinary Research and Studies Vol. 2 (6) 1138-1141*****
- 62. Abdulrahman, A, Keta, J.N, Singh, D and Hassan, S.R (2022) Proximate and antinutritional Analysis of locally produced Condiment (Cwande) in Zuru, Local Government, Kebbi State, Nigeria. UMYU Scientifica Vol. 1(1) 327-331*****
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