

# CURRICULAM VITAE

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## **1. PERSONAL INFORMATION**

Name : **PROFESSOR DHARMENDRA SINGH**

Date of Birth : 1<sup>st</sup> 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

Federal Republic of Nigeria

National Identification Number : 8044 5585 079

Vaccination e-Certificate : NG-OY66547904JR (Including Booster dose)

**Permanent Address** : 503, Crystal Link Apartment  
SECT- O Mansarover Yojana, Shaheed Path  
Lucknow (U.P)-226 009 INDIA, **Phone: +91 731 7592447**

**Former Office Address** : Department of Plant Science & Biotechnology  
Kebbi State University of Science and Technology Aliero,  
Nigeria, PMB-1144, Phone: +237031181286

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

**Former Job Title** : **Senior Professor & Head of Department**

Health Status : Very Good

Marital Status : Married

Spouse Name & Her Occupation : Mrs. Sangeeta Singh  
Ex. Lecturer in Division of General Studies, Kebbi State  
University of science and Technology, Aliero, Nigeria

No. of Children : One Daughter (Working)

Next to Kin : Mrs. Sangeeta Singh (Wife)

### **1. Educational Background**

UNIVERSITY ATTENDED	QUALIFICATION	DURATION
1.Janata Mahavidyalaya, Ajitmal, CSJM, University, Kanpur, India	Ph.D Botany (Taxonomy)	1994-1998
2.Janata Mahavidyalaya, Ajitmal, CSJM, University, Kanpur ,India	M.Sc Botany Ist Class	1991-1993
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, Ethno-Botany and Medicinal Plants

### **6. Working Experience**

#### **a. Full Time Experience :**

Job Title	Institution	Nature of Job	Duration
Lecturer	Tilak Degree College, CSJM. University, Kanpur, India	Lecturing/Research	Oct. 1994-Oct.1999
Lecturer	Har Sahai P.G, College, CSJM. University, Kanpur, India	Lecturing/Research/ HOD	Nove.1999-May. 2008
Lecturer II	Kebbi State University of Science and Technology, Aliero, Nigeria	Lecturing/Research	May 2008-Feb.2010
Senior Lecturer	Kebbi State University of Science and Technology, Aliero, Nigeria	Lecturing/Research/HOD	Jan.2010 to Sept.2013

Associate Professor	Kebbi State University of Science and Technology, Aliero, Nigeria	Lecturing/Research/HOD	Oct.2013 to Sept. 2016
Professor	Kebbi State University of Science and Technology, Aliero, Nigeria	Lecturing/Research/HOD	Oct.2016 to Jun.2024

#### **b. Visiting Experience**

Visiting Professor	Usman Danfodiyo University Sokoto, Nigeria	Lecturing/Research	Jan.2011 to Oct 2024
Visiting Professor	Sokoto State University Sokoto, Nigeria	Lecturing/Research	Oct.2013 to Oct.2021
Visiting Professor	Federal University Birnin Kebbi, Nigeria	Lecturing/Research	Dec.2016 to 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, 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 NO: 00087225950
4. Organizing Committee Member 2017: Botanical Society of Nigeria, Sokoto
5. Member 2016-Present: 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. Introduction to biotechnology 22. Molecular biotechnology  
23. Environmental 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.NO	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. Botany	2011 with First class
2.	0711302032	Imam Khadijat Isa	An ethno-botanical studies of Bauwa Local	Supervisor	B.Sc. Biology	2012 with

			Government, Sokoto, Nigeria		Second class upper
3.	0810205001	Shehu Mohammed Aliero	Phenological behavior of tree LGA , Nigeria	Supervisor	B.Sc. Botany 2012 with Second class upper
4.	0810205006	Okusanya Aminat A.	Phenological behavior of tree BKLG, Nigeria	Supervisor	B.Sc Botany with Second class upper 2012
5.	0811302039	Kashimu Abubakar Shagari	An ethno botanical studies of Azadirachta indica in Sokoto State , Nigeria	Supervisor	B.Sc. Biology With Second class lower 2012
6.	0910205009	James O. John	Floriversity of Kalgo Local Government Area, Kebbi State, Nigeria	Supervisor	B.Sc. Botany With Second Class lower 2014
7.	0910205019	Sanusi Muhammed	Diversity of Vascular plant of Jega Local Government Area, Kebbi State, Nigeria	Supervisor	B.Sc. Botany with Second 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 Area of Kebbi State, Nigeria	Supervisor	B.Sc. Botany with Second class lower 2015
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	Supervisor	B.Sc Biology with Second class lower 2016

			Government area of Kebbi state		
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 Biology with Second class upper 2017
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 Biology with Second class upper 2017



23.	1210302031	Habibu Haliru	Ethnobotanical survey of Plants used to treatment Human Ailments in Gummi local Government, Zamfara State	Supervisor	B.Sc Biology with Second class lower 2017
24.	1210302033	Aladire Shukurat Saka	Studies on Antimicrobial properties of <i>Zinger officinales</i> Rosc. On some selected medical isolates	Supervisor	B.Sc Biology with Second class upper 2017
25.	1310213012 1420213002	Adefuye Ayobami	Floristic diversity of Angiospermic plants found in Birnin Kebbi local Government area of Kebbi State	Supervisor	B.Sc Biology with Second class lower 2017
26.		Abubakar Aliyu	Eco-Taxonomical study of <i>Cleome viscosa</i> L. Found in Kalgo local Government area of Kebbi State	Supervisor	B.Sc Biology with Second class upper 2017
27.	1420213008	Zakari Suleiman	Floristic diversity of aquatic plants found in Kainji Dam , Borgu local Government area , Niger State, Nigeria	Supervisor	B.Sc Biology with Second class lower 2017
28.	1420213014	Aliyu Musa	Ethno-medicinal values of <i>Tamarindus Indica</i> L. found in Jega, Yauri & Zuru local Government areas, Kebbi State, Nigeria	Supervisor	B.Sc Biology with Second class lower 2017
29.	1410205004	Ibrahim B. Maniru	Impact of Nitrogen on the vegetative growth	Supervisor	B.Sc Botany with Second

			of some selected plants		class upper 2018
30.	1520205007	Aliyu Abdulrahman A.	Ethnobotanical survey of plants used for the treatment of diseases in Birnin Kebbi Metropolis	Supervisor	B.Sc Botany with Second class lower 2018
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 Biology with Second class lower 2018
32	1410213029	Abdul Rashid Y.	Ethno-medicinal value of <i>Eucalyptus camuldulensis</i> L found in Jega local Government area. Kebbi State	Supervisor	B.Sc Biology with Second class lower 2018
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	Supervisor	B.Sc Botany with Second class lower

			spoilage of fresh and dried stored Tomato ( <i>Lycopersicon esculentum</i> L.) fruit in Birnin Kebbi Central Market, Nigeria		2019
36.	1620205001	Muhammad Abdulazeez Buma	Eco-Taxonomical studies of <i>Adansonia digitata</i> 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	Mustapha Umar Mungadi	Diversity of weeds found in Maiyama Local Government area, Kebbi State, Nigeria	Supervisor	B.Sc Botany with Second class lower 2019
39.	1620213014	Isiyaku Namadina	Phyto-Chemical and Proximate analysis of <i>Aloe vera</i> L.	Supervisor	B.Sc Biology 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	Supervisor	B.Sc Biology with Second class lower 2019

			Local Government area, Kebbi State, Nigeria		
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 ( <i>Allium cepa</i> 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 ( <i>Arachis hypogea</i> L.) in Aliero Local Government	Supervisor	B.Sc Botany with Second class upper 2020

			Area, Kebbi State, Nigeria		
46.	1610213007	Abdulrauf Rabi	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 ( <i>Abelmoschus esculentus</i> L.) in Aliero Local Government Area, Kebbi State, Nigeria	Supervisor	B.Sc Biology with Second class upper 2020
49.	1710213007	Abdullahi Abdulaziz	The Influence of varying rate of application of NPK Fertilizer on the growth and yield of Tomatoes ( <i>Lycopersicum esculentum</i> )	Supervisor	B.Sc Biology with Second class upper 2021
50.	1710213001	Amina Sarki Musa	Effect of Organic fertilizer (Poultry Manure) on Vegetative growth of	Supervisor	B.Sc Biology with Second

			Pepper (Capsicum frutescens) in Aliero Local Government area, Kebbi State, Nigeria		class upper 2021
51.	1710213008	Usman Abdulmalik	Effect of Organic fertilizer, Broadcasting method on the production of Soya Beans seeds	Supervisor	B.Sc Biology with Second class upper 2021
52.	1710213015	Alhassan Abubakar	Effect of Poultry manure on growth and yield of Cowpea (Vigna unguiculata)	Supervisor	B.Sc Biology with Second class upper 2021
53.	1610205005	Musa Yakubu Musa	Effect of Inorganic fertilizer on the vegetative growth and yield of Amaranthus viridis, in Botanical garden, Kebbi State University of Science and Technology Aliero	Supervisor	B.Sc Botany with Second class lower 2021
54.	1710205001	Yakubu Usman	Effect of Organic and Inorganic fertilizer on the growth of Daucus carota L. (Carrot) cultivated at Kebbi State University of Science and Technology Aliero	Supervisor	B.Sc Botany with Second class upper 2021
55.	1710205006	Mansur Shehu	Effect of Inorganic (NPK) Fertilizer on Watermelon plant and fruit (Citrullus lanatus L.) in Aliero	Supervisor	B.Sc Botany with Second class upper 2021

			Local Government area, Kebbi State, Nigeria		
56.	1710205014	Abdulrahman Sani	Effect of Inorganic fertilizer (NPK) on Vegetative growth of <i>Lycopersicum esculentum</i>	Supervisor	B.Sc with class 2021 Botany Second upper
57.	1710205016	Aisha Yusuf Gebbe	Effect of Inorganic fertilizer (NPK) on reproductive yield of Okro ( <i>Abelmoschus esculentus</i> L.)	Supervisor	B.Sc with class 2021 Botany Second upper
58.	1710205018	Abdullahi Rilwan Wahid	Study of effect of inorganic fertilizer on Onion ( <i>Allium cepa</i> L.) in Aliero, Kebbi State	Supervisor	B.Sc with class 2021 Botany Second upper
59.	1710205019	Yahuza Kyale	Effect of Inorganic fertilizer (NPK) on vegetative growth of <i>Citrullus lanatus</i> 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 ( <i>Lactuca sativa</i> 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) <i>Vigna unguiculata</i> 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 <i>Solanum tubersum</i> (Potato)	Supervisor	B.Sc with class 2021	Botany Second upper
63.	1710205024	Rabiu Aliyu	Effect of Inorganic fertilizer on growth and yield of Millet ( <i>Pennisetum typhoid</i> L.)	Supervisor	B.Sc with class	Botany Second lower
64.	1710205021	Aisha Mustapha Dodo	Impact of Nitrogen on Vegetable growth and yield of Cabbage <i>Brassica oleracea</i> L.	Supervisor	B.Sc with class	Botany Second lower

#### **b. Supervised M.Sc. Students**

1. 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 Botany  
**Major 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. Evaluation 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 Botany  
**Major 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**

17. 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:**

1. **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/04/19202102) **Ph. D Botany Major Supervisor**

**3. Studies 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. By**

**Muhammad Naka Keta (PGS/04/20202101) Ph.D Botany**

**Major Supervisor**

**5. Assessments 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 SPECIES 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. 2007-2008: Regional Coordinator of Origin Test Limited, Mumbai
6. January 2010 - March 2011: Head of Botany Unit
7. June 2010 –December 2016: Head of Department Biological Sciences & Member of University Senate
8. June 2011-Chairman : Department Appointment and Promotion Committee
9. June 2011-Chairman: Departmental Seminar Committee
10. June 2011- Chairman: Departmental Board Meeting
11. June 2012- Chairman: Course Curriculum Review Committee
12. June 2012-Chief Examination Officer of the Department
13. March 2011-2015: Chairman, Committee of the Actualization of Science Journal
14. June 2012 – 2016: Member, Faculty of Science, Admission Committee
15. June 2012 – Present: Editor, National Journal of Life Sciences
16. May 2013-2018: Member, University Strategic Planning Committee
17. May 2013-2018: Member, University Landscaping and Environmental Sanitation Committee
18. December 2015-2018: Level Coordinators of Biology Programs
19. 2015-2018, Coordinator: Field Trip
20. Local Organizing Committee, Member 2017: Botanical Society of Nigeria, Sokoto
21. May 2017- 2018: Chairman, Faculty Committee on Environmental Sanitation
22. September 2018-June 2024: Head, Department of Plant Science & Biotechnology & Member of Senate
23. October 2018-2020: Departmental P.G. Coordinator
24. February 2019- Present: Editor, Journal of Innovative Research in Life Sciences

25. March 2020- Member, 1<sup>st</sup> International Conference local organizing committee
26. July 2020- Member: Committee on Ph.D Thesis Selection
27. 2020-2021, Registration officer
28. 2020-2021, Spill over Coordinator
29. January 2022- Member, Environmental Sanitation Committee
30. June 2022-Chairman, Adhoc Committee on Environmental Flowering and Tree Planting
31. October 2022-Chairman-Departmental Research Committee
32. October 2022-Chaiman-Quality Assurance Committee
33. October 2022-Charman-Departmental Postgraduate Research Committee
34. 2022-2023, Admission Officer
35. 2023- Chairman, Committee for the Upgrade of the BMAS to CCMAS
36. 2023-January 2-4, Postgraduate School Representative on M.Sc External Examination Committee
37. March 2023-Chairman, Faculty Committee for the Establishment of B.Sc Biotechnology Programme
38. August 2023-Member, Faculty Accreditation Committee
39. October 23-Chairman-Committee on University Environmental flowering, Trees Plaining & Beautification
40. October 2023-Supervisor-Industrial Training work scheme students
41. December 23-Chairman: Postgraduate Committee
42. 2023-2024 Session, Departmental Registration Officer
43. June 2024 – **HOST, 30<sup>th</sup> Botanical Society of Nigeria (2<sup>nd</sup>-6<sup>th</sup> June 2024)**

## 17. Chairman/Judge

19<sup>th</sup> 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:

1. 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-2<sup>nd</sup> June to 6<sup>th</sup> 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.
6. 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 Ethno-medicinal 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 floriversity 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 terrestris* 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 Floriversity 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 Sinica* 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 anti-nutritional Analysis of locally produced Condiment (Cwande) in Zuru, Local Government, Kebbi State, Nigeria.** UMYU Scientifica Vol. 1(1) 327-331\*\*\*\*
63. Adili, I.S, Tambari, U, Safina, A.Y, Karaye, I.U,Wurno, M.S and **Singh, D** (2024) **Local Uses and Conservation Status of On-Farm Trees Species in Budaka Sub-County District, Eastern Uganda.** International Journal of Agriculture and Earth Science Vol. 10 (1) 38-49\*\*\*\*

64. Nura, M.A, Shagamu, A.M, Keta, J.N, **Singh, D** and Mubarak, A (2024) **An on the Effect of Heavy Metals Accumulation in Sorghum bicolor L., Arachis hypogaea L., and Vigna unguiculata L. Grown Along Gosau-Sokoto Road** . International Journal of Scientific Research in Biological Sciences Vol. 11 (1) 26-31
65. Adili, I.S, Tambari, U.S Sarkin, and **Singh, D.** Keta, J.N, Mustapha, S.W and Sadiya, A.W. (2024) **Community Structures of On-Farm Tree Species in Budaka Sub-County, Budaka district, Eastern Uganda**. Ecology and Evolutionary Biology Vol. 9 (3) 83-90

#### **Conference and Seminar Articles:**

1. Singh, D; Misra, B.K. and Kumar. S. (1998). **Statistical analysis of flora of Etawah district (U.P)**. Proceeding of National Seminar of Natural Resources their Management & Conservation 39-40.
2. Singh, D; Misra B.K & Misra. R.K (1998). **Medicinal, Pharmaceutical and Drug resources from the flora of Etawah district (U.P)**. Proceeding of National Seminar of Natural Resources, their Management & Conservation. 40-41.
3. Singh, D; Misra B.K & Misra. R.K (1998). **Preliminary studies in the flora of Bhind district (M.P)**. Proceeding of National Seminar of Natural Resources, their Management & Conservation.38.
4. Singh, D; Kumar, S. & Dube, D.K. (1998) **Studies on induced chlorophyll in Khesari (*Lathyrus sativus* L)**. Proceeding of National Seminar of Natural Resources, their Management & Conservation.38-39.
5. Singh, D. & Misra, B.K. (1999). **Resume into flora of Etawah district**. Proceeding 86th Indian Sci. Cong. Pt.-III (Sect. Botany) 11.
6. Singh, D. (1999). **Some New additions to the Medico-Ethnological Resources from the flora of Etawah district (U.P)**. Proceeding 86th Indian Sci. Cong. Pt.-III (Sect. Botany). 33.
7. Singh, D. & Misra, B.K. (2002). **Malvaceae flora of Etawah district (U.P)**. Proceeding 89th Indian Sci. Cong. Pt.-III (Sect. Botany). 33.
8. Singh, D. & Misra, B.K. (2002). **Asteraceae (Compositae) flora of Etawah district (U.P)**. Proceeding 89th Indian Sci. Cong. Pt.-III (Sect. Botany). 34.
9. Singh, D. (2003). **Weeds of Agriculture fields & Gardens, flora of Etawah district (U.P)** Proceeding 90th Indian Sci. Cong. Pt.-XIV (Sect. Plant Sc). 4

10. Singh, D. (2004). **Vegetation of special habitats in the flora of Etawah district (U.P).** Proceeding 91th Indian Sci. Cong. Pt.-XIV (Sect. Plant Sci). 48-49.
11. Singh, D (2004). **Plant *Indigofera linnei* (Ali) Medicine of Migrain.** Proceeding 91th Indian Sci. Cong. Pt.-XIV (Sect. Plant Sci). 69.
12. Singh, D (2004). **Astrological, Medicinal and Sacred (AMS) Value of *Calotropis gigantea* (L).** Proceeding of National Seminar on Environment and Sustainable Development. 47-48.
13. Singh, D (2005). **Some rare Angiosperms in the Etawah district (U.P).** Proceeding 92nd Indian Sci. Cong. Pt.-XIV (Sect. Plant Sci). 44.
14. Singh, D. (2005). **Floristic diversity of Etawah district (U.P), India.** Proceeding J. Indian bot. Society XXVIII, 64.
15. Singh, D. (2006). **Leafless and parasitic Angiosperms: *Orobanche* (L).** Proceeding 93rd Indian Sci. Cong. Pt.-XIV (Sect. Plant Sci). 18.
16. Singh, D. (2006). **Ethno-Medico-Botanical Survey of Kanpur district (U.P), India.** Proceeding J. Indian bot. Society XXIV. 44
17. Singh, D (2007). **Ethnobotanical & Sacred Value of *Ficus bengalensis* L.** Proceeding 94th Indian Sci. Cong. Pt.-XIV (Sect. Plant Sci). 18-19.
18. Singh, D, (2007). **Ethno-medico Botanical Studies of *Calotropis* R, Br. in the flora of Kanpur district.** Proceeding J. Indian bot. Society XXX. 85.
19. Singh, D. (2008). **Some Sacred Plants Study in the floral of Kanpur district (U.P). India.** Proceeding 95th Indian Sci. Cong. Pt.-XIV (Sect. Plant Sci). 90-91.
20. Singh, D. (2009). **Ethno-medico- Botanical studies of *Tinospora cordifolia*.**  
Proceeding 96th Indian Sci. Cong. Pt.-XIV (Sec. Plant Sci).21.
21. Singh, D, Keta, J.N.& Abubakar, A. (2010). **Contribution of Flora of West Tropical Africa.** Proceeding 30th Scientific Conference of Nigerian Society of Biochemistry and molecular Biology.19.
22. Singh. D, Abubakar, A. & Aliero, A.A. (2011). **An Investigation of weed flora of Kebbi State, Nigeria, West Tropical Africa.** Proceeding of 20th Annual Conference of Botany, Nigeria. 26. \*\*\*\*\*
23. Singh. D & Abubakar. A (2011). **Classical Medicinal Plants of Kebbi State, Nigeria, West Tropical Africa and their Protection, Conservation and**

**Utilization.** Proceeding of 5th National Conference of Microbiology, Nigeria. 41.

24. Singh. D & Abubakar. A (2011). **Interfusion Between Medicinal Plants and Indigenous Knowledge to Rural Economy in Kebbi State, Nigeria.** Proceeding of seventeenth International Conference on Development, University of Calabar, Nigeria. 39-40
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25. Singh. D (2013). **Phenology of selected tree and shrubs species found in Aliero local government area, Kebbi State, Nigeria, Flora of West Tropical Africa.** Proceeding 100th Indian Sci. Cong. Pt.-XIV (Sec. Plant Sci).256-257.

26. Singh. D (2013). **The Salient features of Weed ecology of Kebbi State, Nigeria,** Proceeding 41<sup>ST</sup> Annual Conference of Weed Science Society of Nigeria. 32.  
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27. Singh. D (2014). **Angiospermic diversity of Flora of Kebbi State Nigeria, West Tropical Africa.** 1<sup>st</sup> National Conference of Basic Sciences , Sokoto, Nigeria. 08  
\*\*\*\*\*

28. Singh, D. & Hamisu, A. (2015). **The study of Leaves Phenology of *Acacia nilotica* L. in Kalgo Local Government areas of Kebbi State, Nigeria.** 1<sup>st</sup> International Conference, Science and Technology: Tools for Achieving National Development, Kano, Nigeria. 36. \*\*\*\*\*

29. Singh, D (2016). **Diversity of Vascular Plants found in Kebbi State Nigeria, Flora of West Tropical Africa.** Faculty of Science and Science Education Seminar/Conference Presentation on 11<sup>th</sup> February held in Kebbi state University of Science and Technology Aliero, Nigeria \*\*\*\*\*

30. Singh, D (2016). **Paradox of Leaf Phenology of *Calotropis procera* (Ait.) R.Br. found in Jega Local Government Areas of Kebbi State Nigeria. West Africa.** International Conference of Natural Resource Management Ecological Perspectives on February 18-20<sup>th</sup> held in Sher-e- Kashmir University of Agricultural Sciences and Technology of Jammu, India. 435

31. Singh, D & Keta, J.N (2017). **Taxo-Ecological studies of selected Angiospermic Plants species found in Kebbi State, Nigeria, Flora of West Tropical Africa.** 25<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> July 2017 at Department of Biological Sciences, Usman Danfodiyo University, Sokoto, Nigeria .78 \*\*\*\*\*

32. Mudansiru, A, Aliero, A. A, Singh, D & Sokoto, M.B. (2017). **Health risk assessment of irrigated farm produce from Bagega Gold Mining village, Zamfara, Nigeria.** 25<sup>th</sup> Annual conference of Botanical Society of Nigeria. From



2<sup>nd</sup> to 6<sup>th</sup> July 2017 at Department of Biological Sciences, Usman Danfodiyo University, Sokoto, Nigeria. 46 \*\*\*\*\*

33. Singh, D (2017). **Salient features of Floristic diversity of Sokoto South Local Government area, Sokoto State Nigeria, Flora of West Tropical Africa.** XXXX All India Botanical Conference of the Indian Botanical Society. From 15<sup>th</sup> to 17<sup>th</sup> September 2017 at Department of Botany, Punjabi University Patiala Punjab India.
34. Singh, D (2018). **Floristic Diversity of Aquatic Plants found in Kainji Dam, Borgu Local Government areas of Niger state, Nigeria.** XLI All India Botanical Conference of the Indian Botanical Society. From 25<sup>th</sup> to 27<sup>th</sup> October 2018 at School of Studies in Botany, Jiwaji University Gwalior, India.
35. Umar, I.D., Singh, D. and Muhammad, L.W. (2019). **Ethnobotanical Survey of Medicinal Plants used in the treatment of skin diseases a case study of Arewa Local Government area in Kebbi State, Nigeria.** 53<sup>rd</sup> Annual Conference of Science Association of Nigeria. From 14<sup>th</sup> to 18<sup>th</sup> July 2019 at Usman Danfodiyo University, Sokoto Nigeria. 68
36. Aliero, A.S., Singh, D. S. Muhammad and Keta, J.N.(2021). **Effect of Environmental influence on the growth and yield of two Cultivars Cultivated in Kebbi and Sokoto State, Nigeria.** 4<sup>th</sup> Faculty of Life Sciences Seminar Presentation, 28 July, 2021, Kebbi State University of Science and Technology Aliero, Nigeria. 06
37. Singh, D., B.L. Aliero, J.N. Keta, D.G. Hani, I. Abuga, A. Hamisu, M. Abubakar, J.G. Grace, M.S. Aliero and M. Shehu (2024). **Miracles of Adansonia digitata L. found in North-Western part of Nigeria, Flora of West Tropical Africa.** 30<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria. 01 \*\*\*\*\*
38. Muhammad, M.T., Yaruadua, S. S. and Singh, D. (2024). **Floristic Studies on Vascular Plants Growing in Umaru Musa Yaruadua University Katsina, Nigeria.** 30<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria. 06 \*\*\*\*\*
39. Abdullahi, U., Singh, D., Shehu, M. and Zogarima, A.B. (2024). **Diversity of Trees and Shrubs found in Maiyama Local Government Area, Kebbi State, Nigeria.** 30<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria. 06-07 \*\*\*\*\*
40. Abubakar, M., Singh, D., Sanusi, M., Hani, D.H. and Anas, H. (2024). **Effects of Bemisia tabaci Genn. (White Fly) Infestation on the Growth Parameters of Egg**

**Plants (*Solanum melongena* L.) in Kebbi State, Nigeria.** 30<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria. 29- 30 \*\*\*\*\*

41. Abubakar, M., **Singh, D.**, Sanusi, Keta, J. N., M., Hani, D.H., Anas, H. and Shehu, M. (2024). **Efficacy of Integrated Pest Management Regime against *Bemisia tabaci* G. (White Fly) on Egg Plants (*Solanum melongena* L.) in North-West Nigeria.** 30<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria. 30 \*\*\*\*\*
42. Adili, I. S., Nafiu, U. A., Tambari, U., Abdullahi, A. A., Keta, J. N. and **Singh, D.** (2024). **Volatile Organic Compounds associated with Microbial Spoilage of *Spondias dulcil*.** 30<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria. 35 \*\*\*\*\*
43. Danladi, G. H., Keta, J. N., **Singh, D.**, Anas, H., Abubakar, M., Grace, G. J., Muawuya, I., Bisallah, S. and Mary, I. (2024). ***Citrullus lanatus* Seeds as Coagulant Treatment of Waste water.** 30<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria. 51 \*\*\*\*\*
44. Zom Doma, J., Keta, J. N. and **Singh, D.** (2024). **Causes and Consequences of Deforestation on Rural Household income in Aliero, Kebbi State.** 30<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria. 74 \*\*\*\*\*
45. Muhammad, B. Y., **Singh, D.**, Keta, J. N. and Augie, M. A. (2024). **Effects of Anthropogenic activities on the Plant Soil Nutrients in Sokoto Metropolis, Sokoto State North-Western Nigeria.** 30<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria. 75-76 \*\*\*\*\*
46. Bello, H. A., **Singh, D.**, Keta, J. N. and Salim, N. U. (2024). **Ethnobotanical uses of *Achyranthes aspera* L. in Aliero Local Government Area, Kebbi State, Nigeria.** 30<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria. 100 \*\*\*\*\*
47. Aliyu, A., Aliero, A. A., **Singh, D.**, Keta, J. N. and Mubarak, A. (2024). **Review: *Acacia nilotica* L. A Plant of Multipurpose Medicinal Uses.** 30<sup>th</sup> Annual conference of Botanical

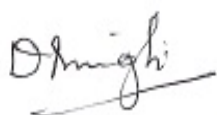
Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria.  
107 \*\*\*\*\*

48. Adili, I. S., Nafiu, U. A., Tambari, U. and **Singh, D.** (2024). **Antibacterial activities and Phytochemical Composition of Zingiber officinales (Ginger).** 30<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria.  
109 \*\*\*\*\*
49. Zainab, K. A., **Singh, D.**, Keta, J. N. and Musa, S. (2024). **Impact of inorganic fertilizer on the Vegetative growth of Abelmoschus esculentus L. (Okra) in Aliero, Kebbi State. Nigeria.** 30<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria. 132 \*\*\*\*\*
50. Zubairu, S. A., **Singh, D.**, Keta, J. N., Bala, A., Bello, H. A. and Usman, I. (2024). **Ethno-Botanical Survey of Medicinal Plants used for treatment for the Management of Depression by the Hausa Tribes of Kebbi State, Nigeria.** 30<sup>th</sup> Annual conference of Botanical Society of Nigeria. From 2<sup>nd</sup> to 6<sup>th</sup> June 2024 at Department of Plant Science & Biotechnology, Kebbi State University of Science and Technology Aliero, Nigeria.  
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A handwritten signature in black ink, appearing to read 'Dharmendra Singh', with a long horizontal stroke extending from the bottom.

**DHARMENDRA SINGH (Ph. D)**