

**DR. SUBHA GANGULY,**

*B.V.Sc. & A.H (Gold Medalist), M.V.Sc (1<sup>st</sup> Rank), NET, Ph.D (Microbiol.), EMBA (HRM), D.Sc (Hons.Causa), D.Litt., DST-INSPIRE Fellow, FSAB, FHAS, FISCA, FIIOAB, FISBT, FAELS, FSASc, FSOE, FPLS, FSEDInst, FAPP, FVBRTI, FRSHS, FISROSET, FSASS, FMSP, FCRSD, AOM, MNAVS, MISZS, LMIVA, MVPHA, MIPHA, LMJZS, MAPHV*

Associate Professor and HEAD, Department of Veterinary Microbiology  
ARAWALI VETERINARY COLLEGE

(Recognized by VCI, New Delhi, Affiliated to RAJASTHAN UNIVERSITY OF  
VETERINARY AND ANIMAL SCIENCES, Bikaner & Managed by Aastha Society,  
Sikar)

N.H. – 52 Jaipur Road, V.P.O. Bajor, Sikar – 332001, Rajasthan, India

*Permanent address: 4/6–B, Katua Kuthi Lane, Bhowanipur, Kolkata–700025, WB,  
India.*

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Email: ganguly38@gmail.com

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PERSONAL PROFILE

1. Qualifying Degree : B.V.Sc.& A.H. (Gold Medalist)  
M.V.Sc. (Veterinary Microbiology)[First Rank]  
Ph.D. (Microbiology)  
Ph.D. (Vety. Microbiology) pursuing as full-time scholar  
*on in-service leave*  
Executive-MBA (Human Resources Management)  
D.Sc. (*Honoris Causa*)-‘Honorary Degree’  
D.Litt. (*Doctor of Letters*)-‘Honorary Degree’
2. Other examinations qualified : NET, DOEACC-CCC Level, DST-INSPIRE Fellow
3. Other prominent recognitions: Fellow, *Society for Applied Biotechnology*(India)  
Fellow, *Hind Agri-Horticultural Society* (India)  
Fellow, *International Science Congress Association* (India) [Now  
renamed as *International Science Community Association*]  
Fellow, *Institute of Integrative Omics and Applied Biotechnology* (India)  
Fellow, *International Society of BioTechnology* (India) [Now  
renamed as *World Research Association*]  
Fellow, *Academy for Environment and Life Sciences* (India)  
Fellow, *Society for Advancement of Sciences* (India)  
Fellow, *Society Of Education* (India)  
Fellow, *Science and Education Development Institute* (Nigeria)  
Fellow, *Association of Pharmacy Professionals* (India)  
Fellow, *International Journal of Recent Biotechnology* (India)  
Fellow, *Vital Biotech Research & Training Institute* (India)  
Fellow, *Pharmacy & Life Sciences* (India)  
Fellow and Executive Board Member, *Research Scholar Hub (RSH)*  
*Society, India*  
Fellow, *International Scientific Research Organization for Science,  
Engineering and Technology (ISROSET)*, Indore(India)  
Fellow, *Society of Pharmacognosy and Phytochemistry* (India)  
Fellow, *Scholars Academic and Scientific Society* (India)  
Fellow, *Council Of Research and Sustainable Development* (India)  
Associate Member /Fellow of NAVS(I), New Delhi (India)  
FOUNDER MEMBER, *International Academy of Biosciences* (UK)  
Honorary Member *PRL India* & Executive Board Member, *JPBR*, Official  
journal of *PharmaResearch Library (PRL)*, India  
Central Executive Council Member, *Society for Researchers and*

Health Care Professionals (SRHCP) [Regd.], India  
 MISZS, LMIVA, MVPHA, MIPHA, LMJZS, MAPHV  
 American Order of Merit (AOM) recognized by ABI  
 Member of the IBC Leading Scientists of the World 2012  
 Sir Isaac Newton Scientific Award of Excellence 2012 of ABI  
 Member of the IBC Top 100 Scientists 2012  
 Member of the IBC Top 100 Educators 2012 & 2013  
 Member of the IBC 2000 Outstanding Intellectuals of the 21<sup>st</sup> Century  
 ~2013~  
 Member of the IBC Leading Educators of the World 2013  
 IBC International Plato Award for Educational Achievement ~Iconic  
 Achievers~  
 ISCA International Highest Publications Award-2013  
 APP Young Performer Award- 2014  
 Young Scientist of the Year- 2014  
 Bharat Gaurav Award in 'Science & Technology'  
 Rashtriya Gaurav Award in 'Science & Technology'  
 Best Citizens of India Award  
 Eminent Teacher Award- 2015  
 DR. A.P.J. ABDUL KALAM AWARD FOR TEACHING EXCELLENCE- 2016  
 DR. A.P.J. ABDUL KALAM AWARD FOR SCIENTIFIC EXCELLENCE- 2017  
 Eminent Young Scientist of the Year - 2017  
 Young Scientist Award- 2017  
 Leading Educationist of India Award – 2018  
 Excellence teaching in Higher Education award – 2018  
 Best Senior Faculty Award – 2018  
 Life Time Achievement Award - 2018

4. Father's Name : Shri Swapan Ganguly  
 5. Date of Birth : 29.06.1982  
 6. Marital Status : Married  
 7. Nationality : Indian  
 8. Category : General  
 9. Languages known : English, Hindi and Bengali

MISZS, LMIVA, MVPHA, MIPHA, LMJZS, MAPHV: Life Memberships of National and International Societies and Academia

No. of full Books Authored: **37**

No. of Book chapters authored: **42** (including **26** Editorial chapters as *Editor-in-Chief* of the Publication)

No. of Practical Manual Chapters authored: **04**

No. of Editorials authored: **34**

No. of Research Articles Authored: **201** (Awarded Papers: **08**, Citations: **234**)

No. of Clinical Case Reports Authored: **20** (Citations: **02**)

No. of Review Articles Authored: **310** (Citations: **226**)

No. of Popular Articles Authored: **64**

#### ACADEMIC QUALIFICATIONS

Degree/ Examination	Conferring University/ Institution	Duration	Specialization	Percentage / OGPA	Year of passing	Title of Thesis/ Dissertation	Remarks
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Doctor of Philosophy (Ph.D.) [with 'Eminent Young Scientist Award']	MONAD UNIVERSITY, Hapur, Uttar Pradesh, India	3 Years ( <i>In-service</i> )	Microbiology	OGPA:9.33 (in Course work)	2013	"DEVELOPMENT OF NOVEL TECHNOLOGIES FOR IDENTIFICATION OF VIRULENCE GENES AND DRUG TARGETS IN PATHOGENIC BACTERIA"	University established under Sec 2(f) of UGC Act 1956 and vide Act No.23 of 2010 of Govt Of U.P., India. Member University of Association of Indian Universities(AIU), New Delhi and Confederation of Indian Universities (CIU), New Delhi. Doctoral Degree awarded as per Sec 22 of UGC Act 1956.
Executive Master of Business Administration (Executive-M.B.A.)	VINAYAKA MISSIONS UNIVERSITY (Directorate Of Distance Education), Salem, Tamil Nadu, India	1 Year ( <i>Distance mode</i> )	Human Resources Management (HRM)	62.90% (First Class)	2014	"SURPLUS MANPOWER AND AGRICULTURAL PRODUCTIVITY"	University established under Sec 3 of UGC Act 1956 and Approved by Directorate of Distance Education (DEC), IGNOU, New Delhi.
National Eligibility Test (N.E.T.) recognised by UGC & CSIR	AGRICULTURAL SCIENTISTS RECRUITMENT BOARD (ICAR), New Delhi, India	Qualifying Examination	Major/Broad Discipline: Veterinary Microbiology	Qualified twice. Appeared in ARS Interview 2007 at ASRB (ICAR), New Delhi.	2008 & 2009	N/A	Qualified for Lecturership/Assistant Professorship
Master of Veterinary Science (M.V.Sc.)	WEST BENGAL UNIVERSITY OF ANIMAL AND FISHERY SCIENCES, Kolkata, India	2 Years	Veterinary Microbiology	OGPA:8.40 out of 10.00(84.00%)	2007	"STUDIES ON SEROPREVALENCE OF INFECTIOUS BOVINE RHINOTRACHEITIS IN CATTLE POPULATION OF WEST BENGAL"	First Rank. Thesis recognized in 'Young Scientist Award'
Bachelor of Veterinary Science & Animal Husbandry (B.V.Sc. & A.H.)	WEST BENGAL UNIVERSITY OF ANIMAL AND FISHERY SCIENCES, Kolkata, India	5 Years	Veterinary Science and Animal Husbandry (According to <i>Veterinary Council of India</i> syllabus)	OGPA: 7.73 out of 10.00 (77.30%)	2005	N/A	GOLD MEDALIST
All India Senior School Certificate Examination	CENTRAL BOARD OF SECONDARY EDUCATION/ KENDRIYA VIDYALAYA	1 Year	Eng, Hindi, Physics, Chem, Biol, Work experience	79.20%	2000	N/A	Awarded as the 'Best Student'

(A.I.S.S.C.E.) 2000	Alipore Calcutta		Phy & Health Education, General Studies				
All India Secondary School Examination (A.I.S.S.E.) 1998	CENTRAL BOARD OF SECONDARY EDUCATION/ KENDRIYA VIDYALAYA Alipore Calcutta	1 Year	Eng, Hindi, Math, Sc., Social Sc., Work experience, Phy & Health Education, Art Education	79.60%	1998	N/A	Second Rank

#### HONORARY DEGREES

- Honorary Degree "Doctor Of Science (*Honoris causa*)" conferred by THE OPEN INTERNATIONAL UNIVERSITY FOR COMPLEMENTARY MEDICINES (THE OIUCM), Colombo-Sri Lanka in the Year 2014 in recognition of the candidate's Ph.D research and exemplary contributions in science and technology in the form of research and academics in the field of MICROBIOLOGY. The OIUCM is recognized as a privately funded organization by 1988 legislation of Govt Of Sri Lanka and formed in congruence to the policy objectives of the World Health Organization (WHO), 1962 and Registered under USSR enactments.
- Honorary Degree "Doctor Of Letters (*D.Litt.*)" conferred by INTERNATIONAL ECONOMICS UNIVERSITY (IEU) FOR SAARC COUNTRIES, Republic of Maldives in the Year 2018 in recognition of the candidate's Ph.D research and exemplary contributions in science, education, technology and extension in the form of research and academics in the field of MICROBIOLOGY.

#### FELLOWSHIPS AND HONORARY POSITIONS OF SOCIETIES AND ACADEMIA

- Fellow (Microbial Biotechnology), Society for Applied Biotechnology, India (*w.e.f.* Year 2010).
- Fellow, Hind Agri-Horticultural Society, India (*w.e.f.* Year 2012).
- Fellow, International Science Congress Association, India (ISCA-FM-233). *Now renamed as International Science Community Association.* ISCA Registered under *Ministry of Corporate Affairs, Govt. Of India.*
- Fellow, Institute of Integrative Omics and Applied Biotechnology, India (FIIOAB-2013/0001).
- Fellow, International Society of BioTechnology, India (FW/BT/130) [now renamed as *World Research Association*].
- Fellow, Academy for Environment and Life Sciences, India (Membership ID: FAELS - 20).
- Fellow, Society for Advancement of Sciences, India (No. FC.03/13/11).
- Fellow, Society Of Education, India (FSOE - 30, *w.e.f.* 15 July 2013).
- Fellow, Science and Education Development Institute, Nigeria (*w.e.f.* July 26, 2013) [No: F2013000010].
- Fellow, Association of Pharmacy Professionals, India (APP/WB/FM-001/14).
- Fellow, Vital Biotech Research & Training Institute, India (*w.e.f.* Year 2013) [No. VBT/2013/1016].
- Fellow, Pharmacy & Life Sciences [No. FPLS/2013/SD/027].
- Fellow, International Scientific Research Organization for Science, Engineering and Technology (*w.e.f.* June 08, 2016) [Membership ID: ISROSET-FM-1013].
- AMERICAN ORDER OF MERIT recognized by the American Biographical Institute, Inc., Raleigh, North Carolina, USA.
- Associate Member/Fellow of National Academy of Veterinary Sciences [NAVS], India (*w.e.f.* January 28, 2014).
- Fellow, Research Scholar Hub [RSH] Society (*w.e.f.* January 28, 2015) and Executive Board Member, Research Scholar Hub [RSH] Society, India (*w.e.f.* September 10, 2013).
- Fellow, *Scholars Academic & Scientific Society* [SASS] (*w.e.f.* January 2018) [Membership No. SAS/FSASS-06].

- Fellow, Society of Pharmacognosy and Phytochemistry (w.e.f. April, 2018)[Membership No. FMSP-9117].
- Fellow, Council Of Research and Sustainable Development (w.e.f. April, 2018) [Membership ID: FCRSD-6.2017].
- FOUNDER MEMBER, *International Academy of Biosciences [IAB]*, UK (w.e.f. July 04, 2016) [Membership No. IAB\_2015\_FM10].
- Honorary Member, Pharma Research Library [PRL], India (w.e.f. December 31, 2013).
- Executive Board Member, *Journal of Pharmaceutical and Biological Research (JPBR)*, Official journal published by Pharma Research Library [PRL], India (w.e.f. November 19, 2013).
- Central Executive Council (CEC) Member, Society for Researchers and Health Care Professionals [SRHCP] (Regd.), India (w.e.f. March 10, 2014).

#### AWARD FOR Ph.D. RESEARCH BY NATIONAL ORGANIZATIONS OF HIGH REPUTE

1. Awarded and honored with *Young Scientist of the Year 2014 Award* on 2<sup>nd</sup> March 2015 in recognition of the candidate's Doctoral research in MICROBIOLOGY and scientific expertise in FOOD SCIENCE by the Confederation of Indian Universities, New Delhi (*Hon'ble President: Chancellor Dr. P.R. Trivedi*) association with Foundation for Science & Environment, Kolkata (*Hon'ble President: Prof. Dr. Samir Banerjee, Retd. Dean & Head, Department of Zoology, University Of Calcutta, Kolkata, India*), and Scientific and Environmental Research Institute, Kolkata.
2. Awarded and honored with *Young Scientist 2017 Award* on 28<sup>th</sup> January 2018 in recognition of the candidate's Doctoral research in MICROBIOLOGY and novel research contributions in the field of Veterinary and Animal Sciences by the Research Scholar Hub Society (Regd.), Ahmadabad, India.
3. Awarded and honored with *Eminent Young Scientist of the Year 2017 Award* on 12<sup>th</sup> February 2018 in recognition of the candidate's Doctoral research in MICROBIOLOGY and novel research contributions in the field of Veterinary and Animal Sciences by the Confederation of Indian Universities, New Delhi in association with International Foundation for Science & Environment, Kolkata and Scientific and Environmental Research Institute, Kolkata.

#### RECOGNITION OF M.V.Sc. THESIS RESEARCH WORK BY NATIONAL ORGANIZATIONS OF HIGH REPUTE

1. M.V.Sc. thesis research has been recognized & accepted in the Section: Animal, Veterinary & Fishery Sciences in 'Indian Science Congress Association' (ISCA) Young Scientists' Award Programme 2008.
2. M.V.Sc thesis full research work has been recognized & appreciated in the field of Innovative R&D in Life Sciences/ Material Sciences/ Applied Research/ Space Sciences by 'Federation of Indian Chambers of Commerce and Industries' (FICCI) Annual Awards 2008-2009.
3. Selected as DST-INSPIRE Fellow (JRF-Professional) and received the "Innovation in Science Pursuit for Inspired Research (INSPIRE)" fellowship launched by Government of India from Dept. of Science & Technology (DST), New Delhi (Also published in *Hindustan Hindi* daily newspaper, Ranchi, pg.6, dt.21-5-2010).

#### ADDITIONAL/COMPUTER QUALIFICATIONS

Particulars	Name of examination/ qualification
	Course on Computer Concept (CCC) level
a) Board	DOEACC Society, Govt. of India
b) Institution	DOEACC Society Kolkata Centre, Jadavpur University Campus, Kolkata-700032, West Bengal
c) Regional center	Brainware Consultancy Pvt. Ltd., 23 B, A.J.C. Bose Road, Minto Park, Kolkata-700020, West Bengal
d) Mode of appearance in the examination	Direct applicant
e) Year of appearing the exam	June 27, 2009

f) Grade obtained	B
g) Total marks	400
h) Percentage range under the mentioned Grade	65 - 74 %
i) Subjects taken	Windows, MS Office, Internet and E-mail

Particulars	Name of examination/ qualification
	Course on Computer Application
a) Board	Academic Board of Pace Informatics
b) Institution	Pace Informatics (Institute of Computer Education), Kolkata
c) Year of passing the exam	December 25, 2005
d) Duration of the course	3 months (September-December, 2005)
e) Division /Class obtained	First
f) Total marks	100
g) Percentage of marks obtained	81.00
h) Subjects taken	Windows, MS Office and Internet

\* Knowledge of SPSS software (versions 10.0 and 17.0) for statistical analysis of data.

#### PROFESSIONAL/ RESEARCH EXPERIENCE

Name of Post	Address of OIC & PI	From	To	Pay scale	Net Pay at the time of leaving	Nature of Work
JRF-DBT (Junior Research Fellow under the Department of Biotechnology, Ministry of Science & Technology, Govt. of India sponsored project; Project code: No. BT/PR8565/A AQ/03/318/2 007  Nature of employment: Temporary fulltime.	Dr. Debasis De, Principal Investigator (PI) of DBT Project, Research Centre of Central Institute of Brackishwater Aquaculture (Indian Council of Agricultural Research), Kakdwip, 24 Pgs(S), WB, Pin-743347, India.	19.11.2007	31.07.2009	Scale of pay: Rs. 12,000/- +10% HRA per month for Ist and IInd year; Rs. 14,000/- +10% HRA per month for IIIrd year.	13,200/- INR per month @ 12,000/- INR +10% HRA per month	Research: Title of DBT project: "Enrichment of aquafeed with cellulolytic and amylolytic microbes isolated from digestive tract of brackish water fishes"

Name of Post	Supervisor	From	To	Research Area
Research Fellow (DST-INSPIRE)	Dr. Arun Prasad, University Professor & Chairman, Department of Veterinary Microbiology, College of Veterinary Science & Animal Husbandry, Birsa Agricultural University, Kanke, Ranchi - 834 006, Jharkhand, India.	10.08.2009	04.10.2010	Vet. Microbiology, Pathology and Biochemistry

Name of Post	Employer	From	To	Pay scale	Nature of Work
Scientist (Food Microbiology) & Scientist In-charge, Sub-Projects, AICRP on PHT (ICAR), Kolkata Centre, WBUAFS  Nature of employment: Temporary	Directorate of Research, Extension & Farms, West Bengal University of Animal and Fishery Science, 37, K.B. Sarani, Kolkata - 700037, WB, India.	01.11.2010	30.03.2015	Rs. 15,600/-- 39,100/-, Grade Pay Rs. 6,000/- plus allowances as applicable under the University.	Scientific and research oriented chores related to food microbiology and food/ fish processing technology targeted towards rural livelihood development

### TEACHING EXPERIENCE

Name of Post	Employer	From	To	Salary	Nature of Work
Associate Professor & HEAD, Department of Veterinary Microbiology, Arawali Veterinary College, Bajor, Sikar, Rajasthan  Nature of employment: Regular	Aastha Society through Dean, Arawali Veterinary College (Recognized by V.C.I. and Govt. Of India, New Delhi, affiliated to RAJUVAS, Bikaner and managed by Aastha Society, Sikar), N.H.-52 Jaipur Road, V.P.O. Bajor, Dist. Sikar, Pin-332001, Rajasthan.  Arawali Veterinary College was started in 2009 with the permission of VCI, New Delhi vide letter no. 6-2 (43) / 2009 - VCI / 4764 dt. 22.09.2009.	25.04.2015	Till date (continuing)	Rs. 37400/- - 67000/-, Grade pay Rs. 9000/- (proposed). Total emoluments: Rs. 40,850/- per month including Basic pay: Rs. 26000/-, HRA: Rs. 9000/- and Earn Conveyance: Rs. 5850/- for 3 <sup>rd</sup> Year (as per UGC/ ICAR norms) with provision of Annual increment @ 5% of the principal	Teaching, academics, research, development and overall departmental administration and management as required from time to time.

				salary on 31 <sup>st</sup> October of every year.	
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#### MOST SIGNIFICANT RECOGNITION / HONOR

- Member of the International Biographical Centre, Cambridge, England, LEADING SCIENTISTS OF THE WORLD 2012
- Sir Isaac Newton Scientific Award of Excellence 2012 by the American Biographical Institute, Inc., Raleigh, North Carolina, USA
- Member of the International Biographical Centre, Cambridge, England, TOP 100 SCIENTISTS ~2012~
- Member of the International Biographical Centre, Cambridge, England, TOP 100 EDUCATORS ~2012~ and ~2013~
- Member of the International Biographical Centre, Cambridge, England, 2000 Outstanding Intellectuals of the 21<sup>st</sup> Century ~2013~
- Member of the International Biographical Centre, Cambridge, England, Leading Educators of the World 2013
- Member of *Indian Academicians and Researchers Association (IARA)* [No.: M/M-155]
- Editor-in-Chief, *Indian Journal of Scientific Research and Technology*
- Editor-in-Chief, *International Journal of Pure and Applied Sciences*
- Ex-Editor-in-Chief, *SCIENCE REUTERS*, UK
- Editor-in-Chief, *Microbiology & Molecular Biology Letters*, ESRA Publications.
- Editor-in-Chief of Book Projects for Year 2013, *Science and Education Development Institute*, Akure Ondo State, Nigeria
- Editor-in-Chief of Book Projects for Year 2017-18, *AkiNik Publications*, New Delhi, India
- Editor-in-Chief of *Greener Journal of Microbiology and Antimicrobials*
- Associate Editor of International Book Project [Online + Print] from *Society for Advancement Of Sciences (SASc)*, Lucknow, India
- Chief Editor, *Indian Journal of Scientific Research and Technology (INDJSRT)*
- Chief Editor, *Journal of Microbial and Biochemical Informatics (JMBI)*, Official journal published by *The Bioveritaz organization*
- Editor-in-Chief, *Continental Journal of Microbiology (CJMB)*, Official journal published by *WILOLUD JOURNALS Nigeria*
- Dy. Chief Editor, *Journal of Biological and Chemical Research (JBCR)*
- Founder Dy. Chief Editor, *World Journal of Biology and Medical Sciences (WJBMS)*
- Ex Editor-in-Chief, *Journal of Entomology and Zoology Studies*
- Chief Editor, *Scholars' Journal of Agriculture and Veterinary Sciences (SJAVS)*, SAS Publishers.
- Executive Board Member of *Journal of Pharmaceutical and Biological Research (JPBR)*
- Executive Committee Member, *International Journal of Research and Development in Pharmacy & Life Sciences (IJRDPL)*
- Executive Board Member of *International Journal for Pharmaceutical Research Scholars (IJPRS)*
- Specialized Managing Editor (Microbiology), *WebMedCentral plus*
- Editor (Special), *International Journal of Current Science (IJCS)*
- Main Editor, *Journal of Veterinary Medicine and Animal Health (JVMAH)*
- Editor, *Journal of Animal Genetic Research, Biochemistry & Molecular Biology, Coastal and Marine Research and International Journal of Epidemiology & Infection*
- Editor, *International Journal of Bio-resource and Stress Management*
- Editor, *Journal of Clinical Immunology & Immunopathology Research (JCIIR)*
- Editor, *Science Alert Journals*.
- Editor (for Book publications), *Science Publishers- An imprint of Edenbridge Ltd. (Jersey, British Isles Enfield, New Hampshire, USA) Marketing tie-up with CRC Press/Taylor & Francis Group and Research Signpost Publishers, India*
- Editor, *Double Helix Research- An International Journal of Bio-Medical and Life Science Research*
- Member Editor, *Global Advanced Research Journal of Biotechnology (GARJB)*
- Member Editor, *Advances in Pharmacoepidemiology and Drug Safety and Journal Drug Metabolism & Toxicology (OMICS Group)*.
- Member Editor, *Journal of Drug Metabolism & Toxicology (OMICS Group)*.
- Guest Editor, *Research Journal of BioTechnology*, publication of the International Society of BioTechnology.



- International Advisory Board member of *Asian Journal of Biological and Life Sciences*.
- Honorary contributing Author for the *Journal of Indian Leather Technologists' Association [JILTA]*.
- Associate Editor, *Indian Pet Journal (IPJ) - Online Journal of Canines, Felines & Exotic Pets* and *International Journal of Livestock Research (IJLR)-Online* [Publication from Pashupati Foundation, India].
- Associate Editor, *International Journal of Agricultural Sciences*.
- Associate Editor, *Fons Scientia Publishing House*.
- Associate Editor, *Herald Journal of Agriculture and Food Science Research*.
- Associate Editor, *BRNSS Publishing Hub*.
- Associate Editor, *BIOINFO Pharmaceutical Biotechnology*.
- Associate Editor, *International Journal of Pharmaceutical Research and Bio-Science (IJPRBS)*, Official journal published by *Research Scholar Hub (RSH) Society, India*.
- Associate Editor, *International Journal of Pure and Applied Research in Engineering and Technology (IJPRET)*, Official journal published by *Research Scholar Hub (RSH) Society, India*.
- Associate Editor, *The Journal of Phytopharmacology*, New Delhi, India.
- Associate Editor, *Research Journal of Agricultural and Environmental Sciences (RJAES)*.
- Associate Editor, *International Journal of Tropical Agriculture (IJTA)*, Academic Research Journals (India), New Delhi, India.
- Associate Editor, *Innovations in Pharmaceuticals & Pharmacotherapy (IPP)*.
- Associate Editor, *International Journal of Life Sciences Scientific Research (IJLSSR)*.
- Member of the Technical Editorial Committee of *Livestock Line & Poultry Line* (Journal Magazine) [Monthly publication from Tejasvi Publications, Hyderabad, India].
- Honorary member of technical editorial board of *Global Journal of Research in Medicinal Plants & Indigenous Medicine (GJRMI)*.
- Honorary member of Editorial board of *International Journal of Research in BioSciences*.
- Editorial Board member, *International Journal of Lakes and Rivers (IJLR)*.
- Executive Council/Editorial Board/Advisory Board member (on Invitation) of the *Asian Journal of Animal Science, Veterinary Science Research Journal, Research Journal of Animal Husbandry & Dairy Science, International Journal of Processing & Post Harvesting Technology, Asian Journal of Bio Science and Food Science Research Journal* (International journal publications of the HIND AGRICULTURAL RESEARCH AND TRAINING INSTITUTE in association with: Hind Agri-Horticultural Society, Muzaffarnagar, U.P., India).
- Honorary Member, *Pharma Research Library (PRL)*, India
- Executive Board Member, *Journal of Pharmaceutical & Biological Research (JPBR)*, Official online journal published by *Pharma Research Library (PRL)*, India
- Executive Board Member, *Research Scholar Hub (RSH) Society*, India
- Central Executive Council Member, *Society for Researchers and Health Care Professionals (SRHCP)* [Regd.], India
- Executive Board Member, *International Journal of Pharmaceutical Research Scholars (IJPRS)*.
- Executive Committee Member, *International Journal of Research and Development in Pharmacy and Life Sciences (IJRDPL)*.
- Honorary contributing Author for the *Journal of Indian Leather Technologists' Association [JILTA]*.
- Honorary Author and Recommender of manuscripts from other authors for *International Journal of Pharmaceutical Research and Bio-Science [IJPRBS]*, Official Online journal published by *Research Scholar Hub (RSH) Society, India*.
- Honorary Author for *International Journal of Pure and Applied Research in Engineering and Technology [IJPRET]*, Official Online journal published by *Research Scholar Hub (RSH) Society, India*.
- Honorary Author for 'Nine (9)' International standard official Online peer-reviewed journals published by *Pharma Research Library (PRL)*, India.
- Honorary Author and Recommender of manuscripts from other authors for *International Journal of Recent Biotechnology [IJRB]*, Official Online journal published by *Vital Biotech Research & Training Institute (VBRTI)*, India.

**SCIENTIFIC ASSIGNMENTS AND ACHIEVEMENTS AT AICRP ON POST HARVEST TECHNOLOGY  
(ICAR), KOLKATA CENTRE**

- Handled numerous projects as Team leader funded by Indian Council of Agricultural Research (ICAR), New Delhi.

- Principal Investigator (w.e.f. 20.02.2013) of two completed independent sub-projects and Scientist In-charge (w.e.f. 16.07.2014) of one new independent sub-project (*Livestock Produce Sector*) currently in progress under AICRP on Post Harvest technology (ICAR), WBUAFS, Kolkata Centre.
- Co-Principal Investigator (w.e.f. 20.02.2013) of one completed independent sub-project (*Livestock Produce Sector*) under AICRP on Post Harvest technology (ICAR), WBUAFS, Kolkata Centre.
- Representation of the centre as Team leader/ Scientist In-charge (Sub-Projects, Sections: *Livestock produce sector, Food Grains Sector and Horticultural Crops*) in various meetings, seminars, workshops, conferences etc. as organized by Central Institute Of Post Harvest Engineering & Technology (ICAR), Ludhiana, Punjab, India.
- Isolation of different microorganisms followed by its application as probiotics and prebiotics in nutritional trials in poultry ration and fish aquafeed in optimum standardized proportions for nutritional and growth benefits.
- Characterized and identified two novel bacterial strains isolated from fermented fishery product of North-East India which have been registered in **NCBI/ GenBank database** with Accession numbers **KF319057** and **KF319058** respectively.
- Advisory committee member/supervisor for research dissertations/ theses.
- Scientific expertise in the microbiological, biochemical, nutritional and organoleptic/ sensory studies and quality assessment including statistical analyses of both raw and processed fishery products with and/or without preservatives under fresh and different and modified packaging conditions.
- Scientific associate in the establishment of fish feed mill at AICRP on PHT, Kolkata Centre.
- Scientific associate in the establishment of model retail outlet for raw and processed fish at AICRP on PHT, Kolkata Centre.
- Scientific expertise in monitoring the harvest and post harvest agricultural losses from different districts of West Bengal under different farming conditions under the ICAR-MoFPI project. Involved in providing advisory and periodical skill development programmes for the technical staff of AICRP on PHT, Kolkata centre and the Field Investigators recruited at various districts of West Bengal under the ICAR-MoFPI project.
- Associated in the commercialization of various technologies generated in AICRP on Post Harvest Technology (ICAR), Kolkata Centre among semi-urban and rural entrepreneurs and stakeholders.
- Scientific expertise in monitoring the storage losses in food grains in FCI and CWC warehouses and to recommend norms under the ICAR-FCI project. Involved in providing advisory and periodical skill development programmes for the technical staff of AICRP on PHT, Kolkata centre and the Field Investigators recruited at various districts/ FCI godowns and warehouses of West Bengal under the ICAR-FCI project.
- Replacement of costly fish meal with fermented shrimp head waste meal and its standardization.
- Isolation of lactic acid bacteria from fermented fish product followed by identification by detailed molecular characterization has been performed successfully.
- Patent filing for new invention by AICRP on Post Harvest Technology (ICAR), Kolkata Centre is currently under processing.
- Have standardized ready-to-cook and ready-to-eat processed fish products for commercialization prepared from the fishery industrial wastes.
- Associated with organizing regular Training programmes for rural fisherfolk women from different NGOs and self-help groups to impart them training on skill development in preparation of ready-to-cook and ready-to-eat processed fish products so that they can implement the techniques at their own places for earning their self livelihood and also in small scale industrial sectors.
- Associated as Scientific expert and consultant with agricultural and fishery organizations for delivering project consultancies and guest lectures for rural livelihood upliftment through sustainable and economical fish farming and aquaculture practices.

#### ACADEMIC ASSIGNMENTS AT ARAWALI VETERINARY COLLEGE

- Conducted regular Theory lecture presentations, Practical demonstration/ hands on training classes and Tutorial classes as per VCI curriculum for the Students of B.V.Sc. & A.H. (undergraduate) Degree course according to VCI curriculum.
- Setting up of Question papers and evaluation of Answer scripts of the Students of B.V.Sc. & A.H. degree course. Timely conduction of their Class tests, Seminar presentation by the students, Course Assignments for performance evaluation and Internal Mid-term Examinations (Theory and Practical course papers) as per the syllabus laid down by VCI followed by submission of their compiled evaluated result to COE section of the college.

- Prepared **Laboratory Practical Manuals** structured as per VCI curriculum for Course No. VMC – 211, Course Title: General Veterinary Microbiology (Cr. Hrs. 1 + 1 = 2), Course No. VMC – 221, Course Title: Veterinary Immunology & Serology (Cr. Hrs. 1 + 1 = 2), Course No. VMC – 311, Course Title: Systematic Veterinary Bacteriology & Mycology (Cr. Hrs. 2 + 1 = 3) and Course No. VMC – 321, Course Title: Systematic Veterinary Virology (Cr. Hrs. 2 + 1 = 3) respectively for B.V.Sc. & A.H. Second Year and Third Year degree course students and on Course No. VMC- 411, Course Title: Veterinary Clinical Biochemistry and Laboratory Diagnosis-I (Cr. Hrs. 0 + 1 = 1), Course No. VMC- 421, Course Title: Veterinary Clinical Biochemistry and Laboratory Diagnosis-II (Cr. Hrs. 0 + 1 = 1) respectively for B.V.Sc. & A.H. Fourth Year degree course students.
- Conducted regular Theory lecture and Tutorial classes on Dean's instruction as per VCI curriculum on the Course No. VMD – 421, Course Title: Veterinary Clinical Medicine – II (Metabolic & Deficiency Diseases), Cr. Hrs. 2 + 0 = 2 and Course No. VMD – 422, Course Title: Veterinary Preventive Medicine – II (Viral & Parasitic Diseases), Cr. Hrs. 2 + 0 = 2 respectively for B.V.Sc. & A.H. Fourth Year degree course students.
- Conducted regular Theory, Practical and Tutorial classes as per VCI curriculum on 'Microbial Biotechnology' portion in the Course No. VPB - 321, Course Title: Animal Biotechnology, Cr. Hrs. 2 + 1 = 3 for B.V.Sc. & A.H. 6<sup>th</sup> semester degree course students.
- Conducted regular Theory classes as per VCI curriculum on 'Two (02)' Course Units entitled "Biodiversity and its conservation" and "Environmental pollution" for the Course No. VAE – 221 (Non-credit), Course Title: Environmental Studies, Cr. Hrs. 4 (3 : 1) for B.V.Sc. & A.H. 4<sup>th</sup> semester degree course students.
- Conducted regular Practical classes as per VCI curriculum in the Course No. VLD-411, Course Title: Veterinary Clinical Biochemistry and Laboratory Diagnosis-I, Cr. Hrs. 0 + 1 = 1 and Course No. VLD-421, Course Title: Veterinary Clinical Biochemistry and Laboratory Diagnosis-II, Cr. Hrs. 0 + 1 = 1 for B.V.Sc. & A.H. 7<sup>th</sup> and 8<sup>th</sup> Semester degree course students.
- Acted as Examination Superintendent/ Senior Invigilator and Invigilator for Internal and External (Final) Theory examinations of B.V.Sc & A.H. Degree programme students conducted at the college.
- Acted as **CONTROLLER OF EXAMINATIONS(COE)** for Internal Theory examinations of B.V.Sc & A.H. Degree programme students conducted at the college.
- Acted as Examination hall In-charge for Internal and External (Final) Theory examinations of B.V.Sc & A.H. Degree programme students conducted at the college.
- Acted as Member of *College Attendance Review Committee* constituted by the Dean for reviewing the annual attendance of 3<sup>rd</sup> Year B.V.Sc. & A.H. students (Academic Year 2015-16) for assessing their eligibility for appearing in the External (Final) Examination as per VCI regulations.
- Represented as teacher of the Department of Veterinary Microbiology towards the academic inspection teams from *Rajasthan University of Veterinary and Animal Sciences (RAJUVAS)*, Bikaner and *Veterinary Council of India (VCI)*, New Delhi.
- Member of the team from college headed by Dean for representing the Status Report of the college at *Rajasthan University of Veterinary and Animal Sciences (RAJUVAS)*, Bikaner on 27<sup>th</sup> August 2016 for sustenance of affiliation with the University.
- Looked after of the overall organizational set-up of the Department of Veterinary Microbiology and working as per the official orders issued by the Dean from time to time.
- Microbiological analysis and antibiogram of clinical and biological samples/ specimens received from the *Teaching Veterinary Clinical Complex (T.V.C.C.)* and *Instructional Livestock Farm Complex (I.L.F.C.)* of the college with its reporting.
- Microbiological analysis and quality evaluation of animal/ bird meat products received from the *Department of Livestock Products Technology* of the college.
- Acted as the Coordinator of Tracking programmes – I and II on specified topics laid down by V.C.I. for the students of 5<sup>th</sup> and 6<sup>th</sup> Semesters B.V.Sc. & A.H. degree programme with submission of the evaluation report/ grading to the Dean's office.
- Acted as the Coordinator, Veterinary Clinical Biochemistry and Laboratory Diagnosis – I & II (Course Nos. VLD – 411 & VLD – 412) for the students of 7<sup>th</sup> and 8<sup>th</sup> Semesters B.V.Sc. & A.H. degree programme with effect from 1<sup>st</sup> October, 2016.
- Preparation of semester class schedules (time-tables) for the students of B.V.Sc. & A.H. degree programme.
- Submission of regular compiled class attendance report (in percentage format) of 2<sup>nd</sup> Year and 3<sup>rd</sup> Year B.V.Sc. & A.H. students at the Dean's office.
- Convener for a Seminar in the college organized by Mars Inc., a leading manufacturer and marketer of world renowned petcare brand "PEDIGREE" on 25<sup>th</sup> February, 2016.
- Nominated on July 19, 2017 and served as Representative of Dean for acting as a Member of Board of Examiners in the Subject of *Livestock Production Management* Paper I and Paper II for Ist Year B.V.Sc. & A.H. Annual Practical Examination 2017 [vide *VCI MSVE 2016 Regulations S.No. 13(10)*].

- Recommended an Assistant Professor of the Department of Veterinary Microbiology for the position of SCIENTIST – 'B' at *Indian Council of Medical Research (ICMR)*, New Delhi.

#### MEDALS WON INCLUDING ACADEMIC ACHIEVEMENTS

- i) Received the First batch (1953) B.V.Sc. students Merit Scholarship (Gold Medal) for securing highest marks in 5<sup>th</sup> and 6<sup>th</sup> semesters in B.V.Sc. & A.H. course for the year 2005.
- ii) Secured First rank in M.V.Sc. in VETERINARY MICROBIOLOGY for Academic Session 2005-2006 in the Department of Veterinary Microbiology, Faculty of Veterinary and Animal Sciences, West Bengal University of Animal & Fishery Sciences.
- iii) Research paper entitled 'Analysis of Infectious Bovine Rhinotracheitis Infection In West Bengal (India)' has been accepted for presentation in the 96<sup>th</sup> Indian Science Congress for *ISCA Young Scientists Award Programme* in the section of Animal, Veterinary and Fishery Sciences, held in North Eastern Hill University, Shillong on October 17, 2008.
- iv) M.V.Sc thesis full research work has been recognized & appreciated by 'Federation of Indian Chambers of Commerce and Industries' (FICCI) Annual Awards 2008-2009.
- v) Qualified ICAR National Eligibility Test NET – 2007 (Roll No. 20270610) & NET – 2009 (Roll No. 29270149) exams in Major/ Broad discipline of VETERINARY MICROBIOLOGY and Sub-discipline of VETERINARY MICROBIOLOGY. Appeared for ARS Interview/viva-voce 2007 in the discipline of VETERINARY MICROBIOLOGY conducted by A.S.R.B. (ICAR), New Delhi.
- vi) Qualified in All India Competitive Examination for ICAR's Senior Research Fellowship/ admission in Ph.D. program 2007-2008 in the discipline of VETERINARY MICROBIOLOGY in SAUs/ CAU & CUs having faculty of agriculture.
- vii) Short-listed and selected as the only candidate for admission to Ph.D Programme Academic Session 2009-2010 in the discipline of VETERINARY MICROBIOLOGY at Birsa Agricultural University, Ranchi, Jharkhand.
- viii) Selected as 'DST-INSPIRE Fellow' (JRF-Professional) and received the "Innovation in Science Pursuit for Inspired Research (INSPIRE)" Doctoral fellowship launched by Government of India from Dept. of Science & Technology (DST), New Delhi in March, 2010 (Also published in *Hindustan Hindi* daily newspaper, P.6, dt.21-5-2010).
- ix) Received the best Research paper presentation award in 'Theme-VIII' in XXIV Annual Convention of IAVMI (Indian Association of Veterinary Microbiologists, Immunologists & Specialists in Infectious Diseases) & International Conference (January 27-29, 2010) at Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chattisgarh, India.
- x) Qualified by securing first position in Walk-in interview held on 24.10.2007 at Kakdwip Research Centre of CIBA (ICAR) and appointed as Junior Research Fellow under the Department of Biotechnology, Ministry of Science & Technology, Govt. of India sponsored project on 19.11.2007 (Project code: No. BT/PR8565/AAQ/03/318/2007) entitled "Enrichment of aquafeed with cellulolytic and amylolytic microbes isolated from digestive tract of brackishwater fishes" under Dr. Debasis De, Scientist (SS) & Principal Investigator at Kakdwip Research Centre of Central Institute of Brackishwater Aquaculture (*Indian Council of Agricultural Research*), Kakdwip, South 24 Parganas, W.B- 743347 & convincingly worked there up to 31.07.2009.
- xi) Honored as Fellow of Society for Applied Biotechnology (FSAB) in the area of *Microbial Biotechnology* by the Society for Applied Biotechnology (SAB), India.
- xii) Honored with the American Order of Merit recognized by the American Biographical Institute, Inc., Raleigh, North Carolina, USA.
- xiii) Honored as Fellow, Hind Agri-Horticultural Society, India.
- xiv) Honored as Fellow, International Science Congress Association, India. *Now renamed as International Science Community Association.* ISCA Registered under *Ministry of Corporate Affairs, Govt. Of India*.
- xv) Honored as Fellow, Institute of Integrative Omics and Applied Biotechnology, India.
- xvi) Honored as Fellow, International Society of BioTechnology, India.
- xvii) Honored as Fellow, Academy for Environment and Life Sciences, India.
- xviii) Honored as Fellow, Society for Advancement of Sciences, India.
- xix) Honored as Fellow, Society Of Education, India.
- xx) Honored as Fellow, Science and Education Development Institute, Nigeria.
- xxi) Honored as Associate Member/Fellow of National Academy of Veterinary Sciences [NAVS], India.
- xxii) Honored as Fellow, Association of Pharmacy Professionals [APP], India.
- xxiii) Honored as Fellow, Vital Biotech Research & Training Institute, India (Registered Society with ISO Certification).

xxiv) Honored as Fellow, Pharmacy & Life Sciences, India.

xxv) Honored as Fellow, International Scientific Research Organization for Science, Engineering and Technology [ISROSET], Indore, India.

xxvi) Honored as Fellow, Scholars Academic and Scientific Society [SASS], India

xxvii) Honored as FOUNDER MEMBER, International Academy of Biosciences [IAB], UK.

xxviii) Honored as Member of the International Biographical Centre, Cambridge, England, LEADING SCIENTISTS OF THE WORLD 2012 by the International Biographical Centre, Cambridge, England.

xxix) Selected for Sir Isaac Newton Scientific Award of Excellence 2012 by the American Biographical Institute, Inc., Raleigh, North Carolina, USA.

xxx) Honored as Member of the International Biographical Centre, Cambridge, England, TOP 100 SCIENTISTS ~ 2012 ~ by the International Biographical Centre, Cambridge, England.

xxxi) Honored as Member of the International Biographical Centre, Cambridge, England, TOP 100 EDUCATORS ~2012~ and ~2013~ by the International Biographical Centre, Cambridge, England.

xxxii) Honored as 2000 Outstanding Intellectuals of the 21<sup>st</sup> Century ~2013~ by the International Biographical Centre, Cambridge, England.

xxxiii) Member of the International Biographical Centre, Cambridge, England, Leading Educators of the World 2013.

xxxiv) Honored as the *International Plato Award for Educational Achievement ~Iconic Achievers~* by the International Biographical Centre, Cambridge, England.

xxxv) Honored with ISCA *International Highest Publications Award-2013* conferred by International Science Congress Association (ISCA), Indore, MP, India for contribution in research.

xxxvi) Honored with 'Certificate of Appreciation' in recognition of services to the medical community by serving since 2013 on the Editorial Board of the *International Journal of Veterinary Medicine: Research & Reports* (ISSN: 2328-8752), IBIMA Publishing, USA.

xxxvii) Awarded and honored with *Young Performer Award- 2014* in the APP 3<sup>rd</sup> Annual National Convention of Association of Pharmacy Professionals (APP) on Theme "*Novel Drug Discovery and Development: Current Status and Challenges Ahead*" (Jan.18, 2014) at Faculty of Pharmacy, Dharmsinh Desai University, Nadiad org. by Faculty of Pharmacy, Dharmsinh Desai University in collaboration with APP India.

xxxviii) Awarded and honored with *Young Scientist of the Year 2014 Award* on 2<sup>nd</sup> March 2015 in recognition of the candidate's Doctoral research in MICROBIOLOGY and scientific expertise in FOOD SCIENCE by Foundation for Science & Environment, Kolkata (*Hon'ble President*: Prof. Dr. Samir Banerjee, Retd. Dean & Head, Department of Zoology, University Of Calcutta, Kolkata, India), Confederation of Indian Universities, New Delhi (*Hon'ble President*: Chancellor Dr. P.R. Trivedi) and Scientific and Environmental Research Institute, Kolkata at the Science City auditorium, Kolkata, India during the 1<sup>st</sup> International Conference of Environment and Ecology (1<sup>st</sup> ICEE-2015) held on 2 – 4 March 2015.

xxxix) Honored with *Bharat Gaurav Award* from the hands of Dr. Bishma Narain Singh, Former Governor of Tamil Nadu and Assam and conferred by India International Friendship Society (IIFS) [Regd.], New Delhi, India for meritorious services, outstanding performance and remarkable role in 'Science and Technology' at a Seminar on 'Economic Growth & National Integration' at New Delhi on June 01, 2015.

xxxx) Honored with *Rashtriya Gaurav Award* conferred by India International Friendship Society (IIFS) [Regd.], New Delhi, India for meritorious services, outstanding performance and remarkable role in 'Science and Technology' at a Seminar on 'Economic Growth & National Integration' at New Delhi on December 21, 2016.

xxxxi) Honored with *Best Citizens of India Award* from INTERNATIONAL PUBLISHING HOUSE, New Delhi, India in recognition of exceptional calibre and outstanding performance in the area of 'Science and Technology'. Recipient's citation printed in the Special Edition book entitled "*The Honoured Best Citizens of India*" published by INTERNATIONAL PUBLISHING HOUSE, New Delhi in commemoration of this event of national significance.

xxxxii) Honored with *Eminent Teacher Award 2015* from Research Scholar Hub Society (Regd.), Ahmadabad, India during the RSHS Annual Awards presentation ceremony by Mr. Harnish Patel, Hon'ble Secretary General, Research Scholar Hub Society, Ahmadabad, Gujarat, India.

xxxxiii) Honored with **DR. A.P.J. ABDUL KALAM AWARD FOR TEACHING EXCELLENCE 2016** hosted by *Marina Labs (Research and Development)*, Chennai, India in honor of Dr. A.P.J. Abdul Kalam.

xxxxiv) Honored with **DR. A.P.J. ABDUL KALAM AWARD FOR SCIENTIFIC EXCELLENCE 2017** hosted by *Marina Labs (Research and Development)*, Chennai, India in honor of Dr. A.P.J. Abdul Kalam.

xxxxv) Honored with *Young Scientist Award 2017* from Research Scholar Hub Society (Regd.), Ahmadabad, India during the RSHS Annual Awards presentation ceremony by Mr. Harnish Patel, Hon'ble Secretary General, Research Scholar Hub Society, Ahmadabad, Gujarat, India.

xxxxvi) Awarded and honored with *Eminent Young Scientist of the Year 2017 Award* on 12<sup>th</sup> February 2018 in recognition of the candidate's Doctoral research in MICROBIOLOGY and novel research contributions in the field of Veterinary and Animal Sciences by the International Foundation for Science & Environment, Kolkata in association with Confederation of Indian Universities, New Delhi (*Hon'ble President*: Chancellor Dr. P.R. Trivedi) and Scientific and Environmental Research Institute, Kolkata at the auditorium of Gauhati University, Guwahati, Assam, India during the 4<sup>th</sup> International Conference of Environment and Ecology (4<sup>th</sup> ICEE-2018) held on 12 – 14 February 2018.

xxxxvii) Awarded and honored with *Leading Educationst of India Award 2018* by D.K. International Research Foundation (DKIRF) [A Non-Profit Organization estd. u/s 3 of Indian Trust Act, 1882], Perambalur, Tamil Nadu, India in the inauguration of Research Foundation and Faculty awards presentation held on May 27, 2018 at Dhanalakshmi Srinivasan Hotel, Perambalur, Tamil Nadu.

xxxxviii) Awarded and honored with *Excellence teaching in Higher Education Award 2018* by D.K. International Research Foundation (DKIRF) [A Non-Profit Organization estd. u/s 3 of Indian Trust Act, 1882], Perambalur, Tamil Nadu, India in the inauguration of Research Foundation and Faculty awards presentation held on May 27, 2018 at Dhanalakshmi Srinivasan Hotel, Perambalur, Tamil Nadu.

xxxxix) Awarded and honored with *Best Senior Faculty Award 2018* by D.K. International Research Foundation (DKIRF) [A Non-Profit Organization estd. u/s 3 of Indian Trust Act, 1882], Perambalur, Tamil Nadu, India in the inauguration of Research Foundation and Faculty awards presentation held on May 27, 2018 at Dhanalakshmi Srinivasan Hotel, Perambalur, Tamil Nadu.

xxxxx) Honored with *Life Time Achievement Award 2018* from Research Scholar Hub Society (Regd.), Ahmadabad, India during the RSHS Annual Awards presentation ceremony by Mr. Harnish Patel, Hon'ble Secreratry General, Research Scholar Hub Society, Ahmadabad, Gujarat, India.

#### SCHOLARSHIPS, PRIZES AND ACADEMIC AWARDS, DISTINCTIONS, HONOURS/ FELICITATIONS RECEIVED

i) Received the University's Annual B.V.Sc. & A.H. merit scholarships and M.V.Sc. merit and senior merit scholarships through out the career from the university.

ii) Received the certificate of merit for securing first position for poster presentation on the focal theme of *Advancement in Livestock and Poultry Sectors*

and the *Challenges Ahead with Special Emphasis on Bird Flu* organised by Scientific sub-committee, XXXVI Re-Union of students of Bengal Veterinary College, Faculty of Veterinary and Animal Sciences, B.C.K.V. and W.B.U.A.F.S. on 10<sup>th</sup> January, 2006 in Kolkata.

iii) Received the certificate of successful participation in Debate Competition on *Privatization of Veterinary Education* on World Veterinary Day on 29<sup>th</sup> April, 2006 held in Faculty of Veterinary and Animal Sciences, Belgachia, Kolkata.

iv) Received the certificate of merit for securing the second position in Oral Presentation on "*Global Warming- An Emergent Threat*" in World Veterinary Day on 28<sup>th</sup> April, 2007 held in Faculty of Veterinary and Animal Sciences, Belgachia, Kolkata.

v) An abstract entitled "*Dengue- a serious urban threat*" has been accepted for presentation in Poster Session of IX International symposium on Vectors and Vector borne Diseases at Puri organized by National Institute of Malaria Research (ICMR), Delhi sponsored by I.C.M.R. held on 15-17<sup>th</sup> Feb, 2008.

vi) Received the certificate of active participation and poster presentation on "*Studies On Seroprevalence of Infectious Bovine Rhinotracheitis In Cattle Population Of West Bengal*" in the National Science Day, 2008 / 15<sup>th</sup> West Bengal State Science and Technology Congress Meet, 2008 held in 28<sup>th</sup> & 29<sup>th</sup> February, 2008 organized by Department of Science & Technology (DST), W.B. Govt. at West Bengal at Bengal Engineering & Science University, Shibpur, West Bengal.

vii) Research abstract entitled "*Isolation, Morphological Characterization and Enzyme Profile of Cellulolytic and Amylolytic Microbes Present in Digestive Tract of Brackishwater Finfishes*" has been accepted for Poster presentation in International Conference on Emerging Infectious Diseases of Animals & Biotechnological Applications at Tamil Nadu Veterinary and Animal Sciences University sponsored by T.A.N.U.V.A.S. & Virginia-Maryland Regional College of Veterinary Medicine held on 28-29<sup>th</sup> July, 2008.

viii) Research abstract entitled "*Comparative Evaluation of Gut Microbes and Microbial Enzyme Status of Carnivorous and Herbivorous Brackishwater Finfishes*" has been accepted for oral presentation in 8<sup>th</sup> Indian Fisheries Forum of Asian Fisheries Society (Indian Branch) & The Inland Fisheries Society of India (IFSI) organized by Central Inland Fisheries Research Institute (ICAR), West Bengal, held on November 22-26, 2008 at Eastern Zonal Cultural Centre, Salt Lake, Kolkata.

ix) Research abstract entitled '*Serosurvey of Infectious Bovine Rhinotracheitis in West Bengal With Attempts for Isolation of BHV-1*' has been accepted for Poster presentation in XXIII Annual Conference of IAVMI and National Symposium on Newer Concepts & Strategies for Disease

Diagnostics and Immunoprophylactics for Enhancing Livestock Health & Production on November 25-26, 2008 at Indian Veterinary Research Institute, Izatnagar (U.P.).

x) Received the certificate of participation for Oral presentation of Research paper entitled '*Analysis of Infectious Bovine Rhinotracheitis Infection In West Bengal (India)*' for Young Scientist Award for Animal, Veterinary and Fishery Sciences section in 96<sup>th</sup> Indian Science Congress at North Eastern Hill University (NEHU), Shillong on 17<sup>th</sup> October, 2008.

xi) Received the certificate of Oral presentation of paper entitled "*Immunomodulatory role of Yeast cell wall preparation in poultry*" accepted for Oral presentation in the 9th Indian Veterinary Congress & XVI Annual Conference of IAAVR & National Symposium On "*Transition from Empiricism to Molecularism in Veterinary Research for a Sustainable Animal Health & Production – Way Forward*", 20 to 21 February, 2009 at Bombay Veterinary College, Parel, Mumbai-400 012, Maharashtra.

xii) Received the certificate of Poster presentation of paper entitled "*Orally administered glucan from an edible mushroom (Pleurotus florida) provides protection against Newcastle disease in broiler chicken*" in 2<sup>nd</sup> International CME program on 'New Frontiers in Haematology & Oncology 2009' aided by ICMR on 9th and 10th April, 2009 organized by Netaji Subhash Chandra Bose Cancer Research Institute at Swabhumi, Kolkata (West Bengal), India.

xiii) Received the certificate of participation for participation and presentation of paper entitled "*Immunomodulatory role of  $\beta$ -glucan of edible mushroom origin in poultry*" in Biennial Conference (Interim) of Asia Oceania Research Organization on Genital Infection and Neoplasia (AOGIN) aided by ICMR held on April 25-26, 2009 hosted by Chittaranjan National Cancer Institute & AOGIN India at Hotel Hyatt Regency, Kolkata (West Bengal), India.

xiv) Received the certificate of participation in XXIV Annual Convention of IAVMI & International Conference on Protecting Animal Health : Facilitating Trade in Livestock and Livestock Products (January 27-29, 2010) at Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chattisgarh, India.

xv) Received the certificate of First Prize in 'Theme – VIII' for presentation of paper entitled "*Pattern of immune responses in broiler chicks against Salmonella Gallinarum infection*" in XXIV Annual Convention of IAVMI & International Conference on Protecting Animal Health : Facilitating Trade in Livestock and Livestock Products (January 27-29, 2010) at Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chattisgarh, India.

xvi) Received a plaque & 3-years free subscription in *Pashudhan* news Journal for securing Second position in All India Essay composition competition - 01 on the topic entitled "A career prospect for a veterinarian is much wider now, than it ever was" launched by VetjobsIndia.com.

xvii) Secured third position in All India Annual Drawing-Painting competition 2010 organized by Zydus Animal Health Limited, Ahmedabad, India.

xviii) Felicitated in the 42<sup>nd</sup> Re-Union of past and present Students of Bengal Veterinary College, Faculty of Veterinary & Animal Sciences of BCKV & WBUAFS (10-11 January 2012) for acting as Member of Co-Chairman panel and Rapporteur for the Scientific Sub-Committee.

xix) Felicitated in the 14<sup>th</sup> National Conference of the Association for Prevention and Control of Rabies in India (APCRI) on the Theme: "*Towards a sustainable Rabies Control programme in India- A one Health Initiative*" at Park Hotel, Kolkata (July 7-8, 2012) for acting as Member of the Registration Committee and orally presenting a Free Paper.

xx) Felicitated in the APP 3<sup>rd</sup> Annual National Convention of Association of Pharmacy Professionals on Theme "*Novel Drug Discovery and Development: Current Status and Challenges Ahead*" (January 18, 2014) at Faculty of Pharmacy, Dharmsinh Desai University, Nadiad (Gujrat) organized by Faculty of Pharmacy, Dharmsinh Desai University in collaboration with Association of Pharmacy Professionals (APP), India.

xxi) Felicitated in the International Conference on Environment & Ecology (ICEE-2015) on the Theme "*Make India Clean as well as Cleaning Up Technologies*" at Science City, Kolkata (March 02-04, 2015) organized by Foundation for Science & Environment, Kolkata in association with Scientific & Environmental Research Institute, Kolkata, Indian Institute of Ecology and Environment, New Delhi and Indira Gandhi Technological and Medical Sciences University, Arunachal Pradesh in recognition of the candidate's contribution in the field of Science and Environment.

xxii) Felicitated in the Seminar on 'Economic Growth & National Integration' at New Delhi on June 01, 2015 organized by India International Friendship Society (Regd.), New Delhi, India in recognition of meritorious services, outstanding performance and remarkable role in 'Science and Technology'.

xxiii) Felicitated in the Seminar on 'Economic Growth & National Integration' at New Delhi on December 21, 2016 organized by India International Friendship Society (Regd.), New Delhi, India in recognition of meritorious services, outstanding performance and remarkable role in 'Science and Technology'.

- i) Attended various veterinary hospitals, clinics, laboratories, zoo and KVK during six months B.V.Sc. & A.H. compulsory Internship Training Programme.
- ii) Participated in "*Training on Handling the Bird Flu Operation*" held on 31st January, 2007 at West Bengal Veterinary Council Seminar Hall, 37, K. B. Sarani, Kolkata- 700 037 organised by Faculty of Veterinary and Animal Sciences, W.B.U.A.F.S., 37 & 68, K. B. Sarani, Kolkata-700 037.
- iii) Participated in the "*Summer Training Programme on Environment Awareness*" and Debate and Quiz Competition held on June 5- 6- 2007 at Indian Institute of Chemical Engineers, Jadavpur University; World Environment Day Programme; UNEP Theme- '*Melting Ice: A Hot Topic?*' organised by The Science Association of Bengal.
- iv) Participated in 21 days DBT sponsored Short term Training course on "*Serological and PCR based diagnosis of economically important infectious diseases of domestic animals*"(November 10-30, 2009) organized by Centre for Animal Disease Research &Diagnosis (CADRAD), Indian Veterinary Research Institute (IVRI), Izatnagar, Bareilly, U.P (Course Coordinator: Dr. S. Nandi, Sr.Scientist, CADRAD, IVRI, Izatnagar, U.P).
- v) Participated in the six days Annual Workshop on History of Science on the theme '*Science in India in the 20th century*'(07 - 12 March 2011) organized by The Asiatic Society, Kolkata, India.
- vi) Participated as sponsored candidate from AICRP on PHT, Kolkata Centre in three days Training-cum-Workshop on '*Use of ICT in Animal Resources Management*' (July 15-17, 2011) in collaboration with National Institute of Agricultural Extension Management (MANAGE)[An organization of Ministry of Agriculture, Govt. of India], Rajendranagar, Hyderabad, India at West Bengal University of Animal and Fishery Sciences, Kolkata, India.
- vii) Participated as sponsored candidate from AICRP on PHT, Kolkata Centre in seven days National Fisheries Development Board, Hyderabad sponsored Training programme on "*Enclosed fishery enhancement techniques for inland open water resources*" (13-19 December 2011) at Central Inland Fisheries Research Institute (I.C.A.R.), Barrackpore, Kolkata, WB, India (Course Coordinator; Dr. M.K. Bandyopadhyay, Sr.Scientist, CIFRI, Barrackpore, W.B).
- viii) Participated in the CPCSEA Eastern Zonal Workshop on *Laboratory Animal Experimentation* organized by the "Committee for the Purpose of Control and Supervision of Experiments on Animals" (CPCSEA), Govt of India in association with Ministry of Environment and Forests, Govt. Of India, R.G. Kar Medical College, Kolkata and West Bengal University of Animal and Fishery Sciences, Kolkata supported by TCG Lifesciences Ltd., Kolkata on 4<sup>th</sup> May 2012 at Platinum Jubilee Auditorium, R.G. Kar Medical College, Kolkata.
- ix) Participated as sponsored candidate from AICRP on PHT, Kolkata Centre in the UGC sponsored Orientation programme/ Refresher course in "*Process Control and Analytical Techniques in food processing and quality evaluation*" (June 12-July 2, 2012) conducted by the UGC- Academic Staff College, Jadavpur University, Kolkata 700 098 and qualified the Seminar and written examination with Grade 'A' at the Department of Food Technology and Biochemical Engineering (FTBE), Jadavpur University, Kolkata 700 032 (Course Coordinators: Dr.Paramita Bhattacharjee, Prof.U. Raychaudhuri and Prof.Runu Chakraborty, Dept of FTBE, Jadavpur University, Kolkata, W.B).
- x) Participated in the CME (Workshop and lectures) on *Fundamentals of Rabies care* (July 6, 2012) organized by the Association for Prevention and Control of Rabies in India (APCRI) at Science City, Kolkata.
- xi) Participated in the Pre-conference Workshop on "*Practical Approach to Research in Diabetes*" jointly organized by the Asian Network of Research on Antidiabetic Plants (ANRAP), Dhaka, Bangladesh, Dept of Pharmacology, R.G. Kar Medical College, Kolkata, Indian Pharmacological Society, West Bengal Branch and Diabetic Education and Research Foundation, Kolkata (September 14, 2012) held at the Platinum Jubilee Auditorium Hall, R.G. Kar Medical College, Kolkata.
- xii) Participated in the *Dr. R.N. Ghosh Memorial CME*(September 29, 2012) organized by the Department of Pathology, Institute of Post Graduate Medical Education and Research (IPGME & R), Kolkata in association with Indian Association of Pathologists and Microbiologists (West Bengal Chapter) supported by National Academy of Medical Sciences & Medical Council of India at Platinum Jubilee Auditorium, R G Kar Medical Collge, Kolkata, WB.
- xiii) Participated in the Workshop on "*Packaging of Fresh & Processed Foods*" for cottage, micro, small & medium entrepreneurs on December 24, 2012 organized by the Indian Institute of Packaging, Eastern Regional Centre, Kolkata and sponsored by the Department of Food Processing Industries & Horticulture, Govt. Of W.B. at the Hotel, SONNET, Salt Lake, Kolkata, India.
- xiv) Participated in the 21-days' CAFT National Training Programme on "*Responsible harvest and quality standards for seafood export*" (January 09-29, 2013) at Central Institute of Fisheries Education (Deemed University, ICAR), Versova, Mumbai, India organized by Centre for Advanced Faculty Training Fisheries Resources, Harvest and Post harvest management Division, CIFE, Mumbai (Course Coordinators: Dr. B.B. Nayak, Principal Scientist and Dr. Latha Shenoy, Senior Scientist, CIFE, Mumbai).
- xv) Participated in the IPHACON 2013 pre-conference CME Programme of the Indian Public Health Association South-East Asia Regional Public Health Conference of the IPHA on January 31, 2013



accredited by the West Bengal Medical Council, vide Ref.No.3578-C/28-2012, dt.14.01.13 for 04 hours.

xvi) Participated in the Workshop on "*Packaging of Fresh & Processed Food Products*" for micro, small & medium entrepreneurs of West Bengal on March 18, 2015 organized by the Indian Institute of Packaging, Eastern Regional Centre, Kolkata *in association* with The Department of Food Processing Industries & Horticulture, Govt. of West Bengal under the Centrally Sponsored Scheme National Mission on Food Processing (NMFP) held at the Hotel, SONNET, Salt Lake, Kolkata, India.

xvii) Participated in the One day Workshop on "*Identification of Medicinal Plants*" on July 02, 2017 (Sunday) *organized* by the Faculty of Pharmacy & Faculty of Professional Studies, Dr. A.P.J. Abdul Kalam University, Indore, M.P. at the venue: Seminar Hall, J-Block on *the taxonomical and anatomical identification of medicinal plants* for budding students and faculties rolling in the direction of academic development and scientific research.

#### PARTICIPATION IN SEMINARS, CONFERENCES AND SYMPOSIA

##### National

i) Participated in the XXI Annual Conference of Indian Association of Veterinary Pathologists (IAVP) and National Symposium on "*Advances in Pathological Techniques in Diagnosis of Animal, Bird and Fish Diseases*", 23-25 November 2004 at West Bengal University of Animal & Fishery Sciences, Kolkata-700 037, West Bengal.

ii) Participated in National Symposium on *Advancement in Livestock and Poultry Sectors and the Challenges Ahead with Special Emphasis on Bird Flu* organised by scientific sub-committee, XXXVI re-union of students of Bengal Veterinary College, Faculty of Veterinary & Animal Sciences, B.C.K.V. & W.B.U.A.F.S. on 10<sup>th</sup> January 2006 in Kolkata.

iii) Participated in the National Seminar on "*Animal Biotechnology as a Tool for Improving Animal Health and Productivity*" held on 16<sup>th</sup> May, 2007 at Faculty of Veterinary and Animal Sciences, W.B.U.A.F.S., Belgachia, Kolkata-700 037.

iv) Participated in the 8<sup>th</sup> Indian Veterinary Congress & XV Annual Conference of IAAVR & National Symposium On "*Public-Private-Partnership (PPP) in Veterinary Research and Education Sector*", 22<sup>nd</sup> to 24<sup>th</sup> February, 2008 at West Bengal University of Animal & Fishery Sciences, Kolkata-700 037, West Bengal.

v) Participated in the 96<sup>th</sup> Indian Science Congress at North Eastern Hill University (NEHU), Shillong for Young Scientist Award for Animal, Veterinary and Fishery Sciences section on 17<sup>th</sup> October, 2008.

vi) Participated in the National Congress on Canine Practice and 6<sup>th</sup> Convocation of Indian Society for Advancement of Canine Practice and National Symposium on "*Modern Look on Canine Health Care Management in the Global Perspective*" on 6<sup>th</sup> to 8<sup>th</sup> February 2009 held under the Faculty of Veterinary & Animal Sciences, West Bengal University of Animal and Fishery Sciences, Kolkata 700 037, India.

vii) Participated in the 9<sup>th</sup> Indian Veterinary Congress & XVI Annual Conference of IAAVR & National Symposium On "*Transition from Empiricism to Molecularism in Veterinary Research for a Sustainable Animal Health & Production - Way Forward*", 20 to 21 February, 2009 at Bombay Veterinary College, Parel, Mumbai-400 012, Maharashtra.

viii) Participated in *University District Committee Biennial Conference, 2010* of West Bengal College and University Teachers' Association (WBCUTA) on 13<sup>th</sup> February 2010 at Vidyasagar University, Midnapore, Paschim Medinipur, West Bengal, India.

ix) Participated as delegate in the National Seminar cum Exposition on "*Modern Microscopes and their Applications*" (NSEMMA) under the Golden Jubilee Celebration of The University of Burdwan, April 08-09, 2010, organized by University Science Instrumentation Centre (USIC), The University of Burdwan, Burdwan, West Bengal.

x) Participated as delegate in Eastern regional Conference on *Global warming & Future of Domestic Animal Health of Sunderban Islands* at Gosaba Island Sunderban, West Bengal (19-21 Dec. 2010) organized by Indian Association for Animal Production in association with West Bengal university of Animal and Fishery Sciences, Tagore Society for Rural Development, Gosaba Island and Champa Mahila samity, Basanti Island held at Rangabelia, Gosaba Island, Sunderban, 24 Pgs(S), West Bengal.

xi) Participated as NSS volunteer in the *One day Seminar* sponsored by National Service Scheme (NSS), Ministry of Youth Affairs & Sports, Govt of India and Rajiv Gandhi National Institute of Youth Development (RGNIYD), Sriperumbudur, Tamil Nadu on "*Life Skills for NSS Volunteers*" on 5<sup>th</sup> January 2011

xii) Participated in National Seminar on *Impact on Emerging Areas of Science and Technology on the Development of Society* organized by Central Calcutta Science and Culture Organization for Youth in collaboration with University of Calcutta in cooperation with Ministry of Science and

Technology, Earth Sciences, Environment & Forests, Government of India, New Delhi held at Science City Kolkata, India (February 05-06, 2011).

xiii) Participated in National Seminar on *Current Technological Challenges in Food Processing Specially Emphasizing Food Irradiation* (25-26 June 2011) at Triguna Sen Auditorium, JU organized by Department of Food Technology & Biochemical Engineering, Jadavpur University in collaboration with Ministry of Food Processing Industries & Horticulture, Govt of India and Food Processing Industries & Horticulture Department, Govt of WB.

xiv) Participated in "World Zoonoses Day" Celebration on 20<sup>th</sup> July 2011 at Faculty of Veterinary & Animal Sciences WBUA&FS organized by the Association of Public Health Veterinarians, Department of Preventive Medicine & Veterinary Public Health, West Bengal University of Animal and Fishery Sciences, Kolkata, India.

xv) Participated in 56<sup>th</sup> Foundation Day Celebration Programme of Indian Public Health Association (IPHA) on 28<sup>th</sup> Sept., 2011 inaugurated by Hon'ble Minister of State, M/o Health & Family Welfare, Govt. of India and Dr. A.L. Saha Memorial oration at Rabindra Niketan Auditorium, Kolkata organized by HQ Secretariat IPHA, Kolkata, India.

xvi) Participated in U.G.C sponsored State level seminar on *Higher Education as the Harbinger of a Prosperous Modern India* organized by West Bengal College and University Teachers' Association (WBCUTA) & Seth Soorajmull Jalan Girls' College, Kolkata on 19<sup>th</sup> November 2011 at Darbhanga Hall, University of Calcutta, Kolkata, India.

xvii) Participated in 55<sup>th</sup> State Conference and CME Programme of the Indian Public Health Association (IPHA), West Bengal State Branch in association with Animal Resources Development Department, Govt of West Bengal at National Institute of Cholera and Enteric Diseases, Kolkata, India on 17<sup>th</sup> December 2011 on the theme "*Management & Control of infectious diseases of Public Health importance*".

xviii) Participated in the 99th Indian Science Congress (HQ: The Indian Science Congress Association, Kolkata, WB), Focal theme- *Science and Technology for Inclusive Innovation- Role of Women* (January 3 to 7, 2012) organized by KIIT University and NISER, Bhubaneswar at KIIT University Bhubaneswar, Odisha.

xix) Participated in the "*National Symposium on Veterinary & Medical Sciences in Health, Environment and Food Security*" organized by Scientific Sub-Committee of 42<sup>nd</sup> Veterinary Reunion of past and present students of Bengal Veterinary College, F/O-VAS, B.C.K.V. and W.B.U.A.F.S. on 10-11<sup>th</sup> January, 2012 at Faculty of Veterinary & Animal Sciences, West Bengal University of Animal and Fishery Sciences, Kolkata.

xx) Participated as sponsored candidate from AICRP on PHT, Kolkata Centre in the *National Seminar on Safe Food for All* (Feb 21-23, 2012) organized by Department of Agronomy, Soil Science & Agril. Chemistry, Plant Physiology, Agril. Engineering & Animal Science (ASEPAN), Palli Siksha Bhavana (*Institute of Agriculture*) Visva-Bharati at Lipika Auditorium & Dept of ASEPAN on the Auspicious Occasion of Gurudev Rabindranath Tagore's 150th Birth Anniversary.

xxi) Participated in the Seminar on *Antimicrobial Resistance* organized by West Bengal Veterinary Council in association with Veterinary Council of India in collaboration with West Bengal University of Animal and Fishery Sciences, Kolkata on the occasion of celebration of the *World Veterinary Day-2012* at West Bengal Veterinary Council, Kolkata on 28<sup>th</sup> April 2012.

xxii) Participated in the 14<sup>th</sup> National Conference of the Association for Prevention and Control of Rabies in India (APCRI) on the Theme: "*Towards a sustainable Rabies Control programme in India- A one Health Initiative*" organized by APCRI at Park Hotel, Kolkata (July 7-8, 2012).

xxiii) Participated in National Seminar on "*Food Safety - Role of Standards*" organized by Bureau of Indian Standards (BIS), New Delhi at Rabindranath Tagore Center, ICCR, Kolkata on 10<sup>th</sup> July 2012.

xxiv) Participated in the 3rd Indian National Seminar of Asian Network of Research on Antidiabetic Plants (ANRAP) on *Prevention & Management of Diabetes: Prospects & Challenges* (September 14-16, 2012) jointly organized by the Asian Network of Research on Antidiabetic Plants (ANRAP), Dhaka, Bangladesh, Dept of Pharmacology, R.G. Kar Medical College, Kolkata, Indian Pharmacological Society, West Bengal Branch and Diabetic Education and Research Foundation, Kolkata held at RG Kar Medical College, Kolkata, WB, India.

xxv) Participated in the 57<sup>th</sup> Foundation Day Celebration of Indian Public Health Association & *Observation of World Rabies Day-2012* (September 28, 2012) in collaboration with the Association for Prevention and Control of Rabies in India (APCRI) and Department of Community Medicine, KPC Medical College held at Lecture Hall-III, Block-V, KPC Medical College and Hospital, Kolkata, WB.

xxvi) Participated in the National Conference on *Sustainable Development through Innovative Research in Science and Technology* (September 28-29, 2012) supported by DST PURSE programme organized by Jadavpur University, Kolkata, WB, India held at Jadavpur University, Kolkata, India.

xxvii) Participated in the 20<sup>th</sup> Annual State Conference of IAPM (September 30, 2012) organized by the Indian Association of Pathologists and Microbiologists (IAPM) [West Bengal Chapter] and hosted

by the Department of Pathology, Institute of Post Graduate Medical Education and Research (IPGME & R), Kolkata at the Hotel Golden Park, Kolkata.

xxviii) Participated in the 56<sup>th</sup> State Conference of the Indian Public Health Association, West Bengal State Branch held at National Institute of Cholera and Enteric Diseases, Kolkata, India on 8<sup>th</sup> December 2012 on the theme "*Importance of Clinical Medicine in Public Health*".

xxix) Participated as sponsored candidate from AICRP on PHT, Kolkata Centre in the 10<sup>th</sup> All-India Conference of Association of Public Health Veterinarians and National Symposium on "*One World-One Health: Emerging Veterinary Public Health Challenges and Strategies*" (14<sup>th</sup> & 15<sup>th</sup> December 2012) at Faculty of Veterinary & Animal Sciences, West Bengal University of Animal and Fishery Sciences organized by the Association of Public Health Veterinarians in collaboration with Dept of Veterinary Public Health & Epidemiology, F/O VAS, WBUAFS, Kolkata.

xxx) Participated in the 100<sup>th</sup> Indian Science Congress 'Centenary Session' (January 3-7, 2013), University of Calcutta, Kolkata on the focal theme "*Science for Shaping the Future of India*" organized by The Indian Science Congress Association (ISCA), Kolkata, India.

xxxi) Participated in the 2<sup>nd</sup> APP Annual Convention on the theme "*Pharmacist as a vital part of health care system*" (March 17, 2013) hosted by SNJB's Shriman Sureshdada Jain College of Pharmacy, Neminagar, Chandwad, Nashik, Maharashtra, India organized by the Association of Pharmacy Professionals (APP), India.

xxxii) Participated in the 57<sup>th</sup> State Conference, Foundation Day Ceremony of Indian Public Health Association, West Bengal State Branch and CME Programme IPHAWest Bengal State Branch held at College of Nursing, Medical College and Hospital, Kolkata on 28<sup>th</sup> September 2013 on the theme "*Universal Health Coverage*".

xxxiii) Participated in Celebration on World Fisheries Day and Seminar on "*Role of Fisheries in the Development of Rural Economy*" at Faculty of Fishery Sciences, WBUAFS organized by West Bengal University of Animal and Fishery Sciences, Kolkata on November 26, 2013.

xxxiv) Participated as Invited SPEAKER and Honorary Fellow Member in APP 3<sup>rd</sup> Annual National Convention of Association of Pharmacy Professionals on Theme "*Novel Drug Discovery and Development: Current Status and Challenges Ahead*" (January 18, 2014) at Faculty of Pharmacy, Dharmsinh Desai University, Nadiad (Gujrat) organized by Faculty of Pharmacy, Dharmsinh Desai University in collaboration with *Association of Pharmacy Professionals (APP)*, India.

xxxv) Participated as Delegate in One day *National Conference on Environmental Issue and Food Security in India: Let's Voice Together Towards a Sustainable Future* (10<sup>th</sup> August 2014) at University Of Calcutta organized by *Foundation for Science and Environment, Kolkata* in association with *Scientific and Environmental Research Institute, Kolkata*.

xxxvi) Participated as Delegate in One day National Seminar on *Molecular aspect of human diseases* organized by Department of Zoology, University of Calcutta (January 31, 2015) funded by Department of Biotechnology, Ministry of Science and Technology at Dept of Zoology, University of Calcutta Lecture Halls, Kolkata, India.

xxxvii) Participated in the Seminar on 'Economic Growth & National Integration' at New Delhi on June 01, 2015 organized by India International Friendship Society [Regd.], New Delhi, India.

xxxviii) Participated as Delegate in One day *National Seminar on Innovative Green Technologies for Sustainable Sanitation, Health and Environment (IGTSHE - 2016)* held at Arbuda Convention Center, PIET, Jaipur on April 22, 2016 organized by the Department of Mechanical Engineering & Applied Sciences, Poornima College of Engineering, Jaipur (Affiliated to Rajasthan Technical University, Kota & approved by AICTE, New Delhi), A member of POORNIMA FOUNDATION with technical support of ASHRAE (American Society of Heating, Refrigerating & Air Conditioning Engineers), India Branch, ISHRAE (Indian Society of Heating, Refrigerating & Air Conditioning Engineers), ISTE (Indian Society for Technical Education) & ISST (Intellectuals Society for Socio-Techno Welfare).

xxxviii) Participated as Delegate in One day National Seminar on "*Recent Trends and Advancement in Alternatives to Animal Experiments*" (1<sup>st</sup> October, 2016) sponsored by M.P. Council of Science and Technology supported by Dr. A.P.J. Abdul Kalam University, Indore and organized by RKDF Institute of Pharmaceutical Sciences established by AYUSHMATHI EDUCATIONAL SOCIETY.

xxxix) Participated in the Seminar on 'Economic Growth & National Integration' at New Delhi on December 21, 2016 organized by India International Friendship Society [Regd.], New Delhi, India.

xxxx) Participated as Advisory Committee member/ Delegate in the One day *State level Seminar on "Recent Trends in Zoology"* (January 20, 2017) at Mula Education Society's Shri Dnyaneshwar Mahavidyalaya, Newasa, Dist. Ahmednagar (NAAC Reaccredited and ISO 9001:2008 Certified college) sponsored by B.C.U.D. Savitribhai Phule Pune University, Pune.

xxxxi) Participated in the Seminar on *World Veterinary Day 2017* organized by Sikar Veterinary Association sponsored by Phoenix Life Sciences Pvt. Ltd. at Hotel Royal Inn, Sikar (Rajasthan) on 29<sup>th</sup> April 2012.

xxxii) Participated as Delegate in One day National Seminar on "*Regulatory aspects and clinical applications of Radiopharmaceuticals*" (May 06, 2017, Saturday) sponsored by Atomic Energy

Regulatory Board, Mumbai (Govt. Of India) organized by College of Pharmacy (COP) [formerly known as Central India Institute of Pharmacy], Dr. A.P.J. Abdul Kalam University, Arandia, Indore, M.P. at the Seminar Hall, Block-J of the college.

xxxxiii) Participated as Delegate in One day Seminar on "Sustainable Environment and Healthcare" organized by Dr Tarak Nath Podder Memorial Foundation, Kolkata in collaboration with Department of Zoology, University of Calcutta on June 05, 2017 (Monday) in conjunction with World Environment Day 2017 at Indian Science Congress Association auditorium, Kolkata, India.

xxxxiv) Participated as Delegate in the Two days' National Conference on "Energy, Material and Sustainable Society (EMSS – 2018)" on January 24-25, 2018 sponsored by Materials Research Society of India jointly organized by the Department of Physics & Department of Chemistry, Kanoria PG Mahila Mahavidyalaya (Affiliated to University of Rajasthan), Jaipur, Rajasthan held at Kanoria PG Mahila Mahavidyalaya, Jaipur.

xxxv) Participated as Delegate in the One day National Conference on "Modern Perspectives of Sports Science and Yoga for the Enhancement of Sports Performance" on March 03, 2018 organized by the Research Department of Physical Education, Ganesar Senthamil College of Arts and Science (Affiliated to Bharathidasan University, Tiruchirappalli), Melaisivapuri, Tamil Nadu India in collaboration with the International Journal of Recent Research and Applied Studies (ISSN: 2349-4891).

### International

i) Participated in 2<sup>nd</sup> International CME program on 'New Frontiers in Haematology & Oncology 2009' aided by ICMR on 9th and 10th April, 2009 organized by Netaji Subhash Chandra Bose Cancer Research Institute at Swabhumi, Kolkata (West Bengal), India.

ii) Participated in Biennial Conference (Interim) of Asia Oceania Research Organization on Genital Infection & Neoplasia (AOGIN) aided by ICMR hosted by Chittaranjan National Cancer Institute & AOGIN India held on April 25-26, 2009 at Hotel Hyatt Regency, Kolkata (West Bengal), India.

iii) Participated in International Symposium on "Fifty Years Of Discovery Of Cholera Toxin: A Tribute to S.N. De" aided by WHO/ICMR/CSIR/DBT/DST/IISc organized by National Institute of Cholera & Enteric Diseases, Indian Institute of Chemical Biology and Bose Institute held on 25-27 October 2009 at Hyatt Regency Kolkata, Salt Lake City, Kolkata.

iv) Participated in XXIV Annual Convention of IAVMI & International Conference on Protecting Animal Health : Facilitating Trade in Livestock and Livestock Products (January 27-29, 2010) at Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chattisgarh, India.

v) Participated in the International Conference on Fundamental & Application of Nanoscience & Technology (ICFANT – 2010) organized by School of Material Science & Nanotechnology, Jadavpur University, Kolkata – 700 032, India during 9-11 December, 2010 at Dr. Triguna Sen Auditorium, Jadavpur University, Kolkata, India.

vi) Participated in International Conferences sponsored by NABARD on "Search for a holistic combination of Agriculture, Industry and Education" organized by Dept of Commerce, St. Xavier's College (Autonomous), Kolkata & Dept of Commerce, Netaji Nagar College (8<sup>th</sup> December 2011) at St. Xavier's College Auditorium, Kolkata, India.

vii) Participated as SPEAKER in the South-East Asia Regional Public Health Conference and 57<sup>th</sup> All India Annual Conference of the Indian Public Health Association (IPHA), Kolkata (Feb 1-3, 2013) on the theme "Strengthening partnerships towards excellence in public health- One vision, one voice".

viii) Participated as Delegate in 14<sup>th</sup> World Congress on Public Health on the Theme: *Healthy People-Healthy Environment* (February 11-15, 2015) at Science City, Kolkata, India organized by World Federation of Public Health Associations (WFPHA), Indian Public Health Association (IPHA) co-sponsored by World Health Organization (WHO) South-East Asia Regional Office, Delhi. *Supporting Organizations:* WHO-SEARO, ABRASCO Brazil, Accenture, Aetna Foundation, Unilever, John, Snow Inc, UNFPA, Abt Associates, JUSCO Tata Steel, State Bank of India, INCLIN, Trust, PATH, PATHS2, Pathfinder, UNICEF, UNU-IIGH Malaysia, Water Aid, Exhibitors, GOAL India, Oxford University Press and RSPH.

ix) Participated as Delegate in International Conference on Environment & Ecology (ICEE-2015) on the Theme "Make India Clean as well as Cleaning Up Technologies" at Science City, Kolkata (March 02-04, 2015) organized by Foundation for Science & Environment, Kolkata, Scientific and Environmental Research Institute, Kolkata, Indian Institute of Ecology and Environment in association with Confederation of Indian Universities, Indira Gandhi Technological and Medical Sciences University, Arunachal Pradesh and The Global Open University, Nagaland.

x) Participated as Delegate/ Managing Editor, International Journal of Tropical Agriculture (IJTA) in the 1<sup>st</sup> IJTA International Conference on "Agriculture and Horticulture Sciences" (June 06-07, 2015) organized by International Journal of Tropical Agriculture (IJTA), Academic Research Journals (India) at Hotel Hans, Barakhamba Road, New Delhi.

xi) Participated as delegate in the Three days' 4<sup>th</sup> International Conference on Environment and Ecology (4<sup>th</sup> ICEE-2018) held on 12-13-14 February 2018 at Gauhati University, Guwahati, India

hosted by the Department of Zoology, Gauhati University, Guwahati, India in association with the International Foundation for Environment and Ecology in collaboration with Confederation of Indian Universities, New Delhi, India.

xii) Participated as delegate in the World Agriculture Congress-2018 and 4<sup>th</sup> World Research Journals Congress (WRJC-2018) on the Focal theme "Save Agriculture, Save Environment and Save Earth" in collaboration with Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I" of Romania and Research and Development Station for Bovine from Arad on May 24 - 26, 2018 held at Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I" of Romania, Timisoara, Romania.

#### PRESENTATION OF SCIENTIFIC AND RESEARCH PAPERS

##### National

i) Presented Research paper in the 8th Indian Veterinary Congress & XV Annual Conference of IAAVR & National Symposium On "Public-Private-Partnership (PPP) in Veterinary Research and Education Sector", 22nd to 24th February, 2008 at West Bengal University of Animal & Fishery Sciences, Kolkata-700 037, West Bengal.

ii) Research paper presentation on National Science Day, 2008 / 15th West Bengal State Science and Technology Congress Meet, 2008 held in 28th & 29th February, 2008 organized by Department of Science & Technology (DST), W.B. Govt. at West Bengal at Bengal Engineering & Science University, Shibpur, West Bengal.

iii) Research paper presentation and contribution in the 96th Indian Science Congress at North Eastern Hill University (NEHU), Shillong for Young Scientist Award for Animal, Veterinary and Fishery Sciences section on 17<sup>th</sup> October, 2008.

iv) Research paper presentation in the 9th Indian Veterinary Congress & XVI Annual Conference of IAAVR & National Symposium On "Transition from Empiricism to Molecularism in Veterinary Research for a Sustainable Animal Health & Production - Way Forward", 20 to 21 February, 2009 at Bombay Veterinary College, Parel, Mumbai-400 012, Maharashtra.

v) Presentation of two (2) papers in National Seminar on *Impact on Emerging Areas of Science and Technology on the Development of Society* organized by Central Calcutta Science and Culture Organization for Youth in collaboration with University of Calcutta in cooperation with Ministry of Science and Technology, Earth Sciences, Environment & Forests, Government of India, New Delhi held at *Science City Kolkata, India* (Feb 05-06, 2011).

vi) Technical paper presentation in National Seminar on *Current Technological Challenges in Food Processing Specially Emphasizing Food Irradiation* (25-26 June 2011) at Triguna Sen Auditorium, JU organized by Department of Food Technology & Biochemical Engineering, Jadavpur University in collaboration with Ministry of Food Processing Industries & Horticulture, Govt of India and Food Processing Industries & Horticulture Department, Govt of WB.

vii) Presentation of paper in Section II: *Animal, Veterinary and Fishery Sciences* in the 99th Indian Science Congress (HQ: The Indian Science Congress Association, Kolkata, WB), Focal theme- *Science and Technology for Inclusive Innovation- Role of Women* (January 3-7, 2012) organized by KIIT University and NISER, Bhubaneswar at KIIT University Bhubaneswar.

viii) Presentation of Lead paper in the "National Symposium on Veterinary & Medical Sciences in Health, Environment and Food Security" organized by Scientific Sub-Committee of 42<sup>nd</sup> Veterinary Reunion of past and present students of Bengal Veterinary College, F/O-VAS, B.C.K.V. and W.B.U.A.F.S. on 10-11<sup>th</sup> January, 2012 at Faculty of Veterinary & Animal Sciences, West Bengal University of Animal and Fishery Sciences, Kolkata.

ix) Presentation of papers in the *National Seminar on Safe Food for All* (Feb 21-23, 2012) organized by Department of Agronomy, Soil Science & Agril. Chemistry, Plant Physiology, Agril. Engineering & Animal Science (ASEPAN), Palli Siksha Bhavana (*Institute of Agriculture*) Visva-Bharati at Lipika Auditorium & Dept of ASEPAN on the Auspicious Occasion of Gurudev Rabindranath Tagore's 150th Birth Anniversary.

x) Paper presentation on June 28, 2012 in the UGC sponsored Orientation programme/ Refresher course in *Process Control and Analytical Techniques in food processing and quality evaluation* (June 12-July 2, 2012) conducted by the UGC- Academic Staff College, Jadavpur University, Kolkata 700 098 at the Department of Food Technology and Biochemical Engineering (FTBE), Jadavpur University, Kolkata 700 032.

xi) Paper presentation and felicitated in the 14<sup>th</sup> National Conference of the Association for Prevention and Control of Rabies in India (APCRI) on the Theme: "Towards a sustainable Rabies Control programme in India- A one Health Initiative" at Park Hotel, Kolkata (July 7-8, 2012).

xii) Paper presentation on September 15, 2012 in the 3rd Indian National Seminar of Asian Network of Research on Antidiabetic Plants (ANRAP) on *Prevention & Management of Diabetes: Prospects & Challenges* (September 14-16, 2012) jointly organized by the Asian Network of Research on Antidiabetic Plants (ANRAP), Dhaka, Bangladesh, Dept of Pharmacology, R.G. Kar

Medical College, Kolkata, Indian Pharmacological Society, West Bengal Branch and Diabetic Education and Research Foundation, Kolkata held at RG Kar Medical College, Kolkata, WB, India.

xiii) Paper presentation on September 28, 2012 in the National Conference on *Sustainable Development through Innovative Research in Science and Technology* (September 28-29, 2012) supported by DST PURSE programme organized by Jadavpur University, Kolkata, WB, India held at Jadavpur University, Kolkata, India.

xiv) Paper presentation in the **Award Paper** (Section: Hematology) in the *20<sup>th</sup> Annual State Conference of IAPM* organized by the Indian Association of Pathologists and Microbiologists (IAPM) [West Bengal Chapter] and hosted by Department of Pathology, Institute of Post Graduate Medical Education and Research (IPGME & R), Kolkata at the Hotel Golden Parkk, Kolkata on September 30, 2012.

xv) Paper presentation on December 14, 2012 in the 10<sup>th</sup> All-India Conference of Association of Public Health Veterinarians and National Symposium on "*One World-One Health: Emerging Veterinary Public Health Challenges and Strategies*" at Faculty of Veterinary & Animal Sciences, West Bengal University of Animal and Fishery Sciences organized by the Association of Public Health Veterinarians in collaboration with Dept of Veterinary Public Health & Epidemiology, F/O VAS, WBUAFS, Kolkata.

xvi) Paper presentation on March 17, 2013 in the 2<sup>nd</sup> APP Annual Convention on the theme "*Pharmacist as a vital part of health care system*" (March 17, 2013) hosted by SNJB's Shriman Sureshdada Jain College of Pharmacy, Neminagar, Chandwad, Nashik, Maharashtra, India organized by the Association of Pharmacy Professionals (APP), India.

xvii) Paper presentation on January 18, 2014 in the APP 3<sup>rd</sup> Annual National Convention of Association of Pharmacy Professionals on Theme "*Novel Drug Discovery and Development: Current Status and Challenges Ahead*" (January 18, 2014) at Faculty of Pharmacy, Dharmsinh Desai University, Nadiad (Gujrat) organized by Faculty of Pharmacy, Dharmsinh Desai University in collaboration with *Association of Pharmacy Professionals (APP)*, India.

xviii) Paper presentation on August 10, 2014 in One day *National Conference on Environmental Issue and Food Security in India: Let's Voice Together Towards a Sustainable Future* (10<sup>th</sup> August 2014) at University Of Calcutta organized by *Foundation for Science and Environment, Kolkata* in association with *Scientific and Environmental Research Institute, Kolkata*.

xix) Paper presentation on January 31, 2015 in One day *National Seminar on Molecular aspect of human diseases* organized by Department of Zoology, University of Calcutta (January 31, 2015) funded by Department of Biotechnology, Ministry of Science and Technology at Dept of Zoology, University of Calcutta Lecture Halls, Kolkata, India.

xx) Paper presentation on April 22, 2016 in One day *National Seminar on Innovative Green Technologies for Sustainable Sanitation, Health and Environment (IGTSHE – 2016)* held at Arbuda Convention Center, PIET, Jaipur organized by the Department of Mechanical Engineering & Applied Sciences, Poornima College of Engineering, Jaipur (Affiliated to Rajasthan Technical University, Kota & approved by AICTE, New Delhi), A member of POORNIMA FOUNDATION with technical support of ASHRAE (American Society of Heating, Refrigerating & Air Conditioning Engineers), India Branch, ISHRAE (Indian Society of Heating, Refrigerating & Air Conditioning Engineers), ISTE (Indian Society for Technical Education) & ISST (Intellectuals Society for Socio-Techno Welfare).

xxi) Paper presentation on October 01, 2016 in One day *National Seminar on "Recent Trends and Advancement in Alternatives to Animal Experiments"* sponsored by M.P. Council of Science and Technology supported by Dr. A.P.J. Abdul Kalam University, Indore and organized by RKDF Institute of Pharmaceutical Sciences established by AYUSHMATHI EDUCATIONAL SOCIETY.

xxii) Presented Research paper and Review paper as Advisory Committee member on January 20, 2017 in the One day *State level Seminar on "Recent Trends in Zoology"* at Mula Education Society's Shri Dnyaneshwar Mahavidyalaya, Newasa, Dist. Ahmednagar (NAAC Reaccredited and ISO 9001:2008 Certified college) sponsored by B.C.U.D. Savitribhai Phule Pune University, Pune.

xxiii) Presented Two (02) HONORARY papers on May 06, 2017 (Saturday) in One day National Seminar on "*Regulatory aspects and clinical applications of Radiopharmaceuticals*" sponsored by Atomic Energy Regulatory Board, Mumbai (Govt. Of India) organized by College of Pharmacy (COP) [formerly known as Central India Institute of Pharmacy], Dr. A.P.J. Abdul Kalam University, Arandia, Indore, M.P. at the Seminar Hall, Block-J of the college.

xxiv) Presented HONORARY paper on June 05, 2017 (Monday) in One day Seminar on "*Sustainable Environment and Healthcare*" organized by Dr Tarak Nath Podder Memorial Foundation, Kolkata in collaboration with Department of Zoology, University of Calcutta *in conjunction with World Environment Day 2017* at Indian Science Congress Association auditorium, Kolkata, India.

xxv) Presented HONORARY paper on January 24, 2018 (Wednesday & Thursday) in the Two days' National Conference on "*Energy, Material and Sustainable Society (EMSS – 2018)*" on January 24-25, 2018 sponsored by Materials Research Society of India jointly organized by the Department of Physics & Department of Chemistry, Kanoria PG Mahila Mahavidyalaya (Affiliated to University of Rajasthan), Jaipur, Rajasthan held at Kanoria PG Mahila Mahavidyalaya, Jaipur.

xvi) Presented HONORARY paper on March 03, 2018 in the One day National Conference on "Modern Perspectives of Sports Science and Yoga for the Enhancement of Sports Performance" on March 03, 2018 organized by the Research Department of Physical Education, Ganesar Senthamil College of Arts and Science (Affiliated to Bharathidasan University, Tiruchirappalli), Melaisivapuri, Tamil Nadu India in collaboration with the International Journal of Recent Research and Applied Studies (ISSN: 2349-4891).

#### International

- i) Research paper presented in the 2nd International CME program on 'New Frontiers in Haematology & Oncology 2009' aided by ICMR on 9th and 10th April, 2009 organized by Netaji Subhash Chandra Bose Cancer Research Institute at Swabhumi, Kolkata (West Bengal), India.
- ii) Research paper presented in Biennial Conference (Interim) of Asia Oceania Research Organization on Genital Infection and Neoplasia (AOGIN) aided by ICMR held on April 25-26, 2009 hosted by Chittaranjan National Cancer Institute & AOGIN India at Hotel Hyatt Regency, Kolkata (West Bengal), India.
- iii) Research paper presented in XXIV Annual Convention of IAVMI & International Conference on Protecting Animal Health : Facilitating Trade in Livestock and Livestock Products (January 27-29, 2010) at Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chattisgarh, India.
- iv) Paper presented in International Conference on Fundamental & Applications of Nano Science and Technology (ICFANT-2010) organised by School of Materials Science & Nanotechnology, Jadavpur University, Kolkata (9-11 December 2010) at Jadavpur University, Kolkata.
- v) Paper presented in International Conference sponsored by NABARD on "Search for a holistic combination of Agriculture, Industry and Education" organized by Dept of Commerce, St. Xavier's College (Autonomous), Kolkata & Dept of Commerce, Netaji Nagar College (8<sup>th</sup> December 2011) at St. Xavier's College Auditorium, Kolkata, India.
- vi) Paper presented in the South-East Asia Regional Public Health Conference and 57<sup>th</sup> All India Annual Conference of the Indian Public Health Association (IPHA), Kolkata (Feb 1-3, 2013) on the theme "Strengthening partnerships towards excellence in public health- One vision, one voice".
- vii) Two papers presented in 14<sup>th</sup> World Congress on Public Health on the Theme: *Healthy People-Healthy Environment* (February 11-15, 2015) at Science City, Kolkata, India organized by World Federation of Public Health Associations (WFPHA), Indian Public Health Association (IPHA) co-sponsored by World Health Organization (WHO) South-East Asia Regional Office, Delhi.
- viii) Paper presented in the International Conference on Environment & Ecology (ICEE-2015) on the Theme "Make India Clean as well as Cleaning Up Technologies" at Science City, Kolkata (March 02-04, 2015) organized by Foundation for Science & Environment, Kolkata in association with Scientific & Environmental Research Institute, Kolkata, Indian Institute of Ecology and Environment, New Delhi and Indira Gandhi Technological and Medical Sciences University, Arunachal Pradesh in recognition of the candidate's contribution in the field of Science and Environment.
- ix) Two papers presented in 1<sup>st</sup> IJTA International Conference on "Agriculture and Horticulture Sciences" (6<sup>th</sup> to 7<sup>th</sup> June 2015) organized by International Journal of Tropical Agriculture (IJTA), Academic Research Journals (India) at Hotel Hans, Barakhamba Road, New Delhi.
- x) Paper presented in the World Agriculture Congress-2018 and 4<sup>th</sup> World Research Journals Congress (WRJC-2018) on the Focal theme "Save Agriculture, Save Environment and Save Earth" in collaboration with Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I" of Romania and Research and Development Station for Bovine from Arad on May 24 - 26, 2018 held at with Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I" of Romania, Timisoara, Romania.

#### ASSIGNMENT AS SCIENTIFIC EXPERT/GUEST LECTURER

- a) Invited as Scientific Expert and delivered Guest Lecture(s) on 'Biosecurity and Health Management in Aquaculture - Technical issues', including shrimp and fish of brackish water and fresh water farming on occasion of "Neospark Extension Programme (NEP) on Aquaculture" at Nandkumar and Contai, Midnapore (East), West Bengal on 3<sup>rd</sup> and 4<sup>th</sup> March 2012. Neospark Drugs and Chemicals Private Limited is a cGMP and ISO 9001-2008 certified company manufacturing wide range of Aquaculture and Animal Health products, dedicated to satisfy the needs of health care in Aquaculture, Poultry and Livestock sectors ([www.neospark.com](http://www.neospark.com)).
- b) Invited as Scientific adviser and consultant by I-Win Advisory Services Ltd, Sector III, Salt Lake, Kolkata ([www.i-win.co.in](http://www.i-win.co.in)) which is an empaneled consultancy organisation with various Ministries/ Departments of West Bengal and other State Governments for Consulting Services for Transaction Advisory Services for Fish processing parks at Chennai, Cuddalore & Nagapattinam on PPP mode.

- c) Invited as Scientific adviser and consultant by *I-Win Advisory Services Ltd*, Salt Lake, Kolkata ([www.i-win.co.in](http://www.i-win.co.in)) for establishment of Pellet fish feed mill plant funded by The Orissa State Co-operative Milk Producers' Federation Ltd. (OMFED) at Bhubaneswar.
- d) *Mentor* for GbioFin (*Gate to Biotechnology Industries, Organizations and Foundations in India*) [[www.biofin.net](http://www.biofin.net)]. An enterprise started by 3 biotechnology entrepreneurs who met through ABLE, also comprising of students of biotechnology from various parts of India. The main motto of the organization is to spread the wings of biotechnology sector far and wide and to enlighten the minds of young generation with the scope and bright future of biotechnology. GbioFin also has a mission to bring the whole biotechnology community comprising of young aspirants, students, professors, entrepreneurs etc. under a common platform. This organization takes sharing of thoughts, information, ideas and plans on to a new level which has not yet been seen or heard of in India. *Advisory member* of the GbioFin magazine, *BiotechRings*, the first student oriented magazine for biotechnology and in organizing various competitions by GbioFin like IEEBR (Indian Examination for Entrepreneurship in Biotechnology and Research), GECP (GbioFin Entrepreneurship Certification Program), and YBWA (Young Biotech Writer's Award) etc.
- e) Scientific Expert and Adviser for *Surendranath Institute of Aquaculture Training and Research*, Kolkata (an NGO dealing with aquaculture and fisheries) in the area of prawn culture, associated disease problems, application of drugs and chemicals in ponds for disease prevention, overall effect on economic viability and allied issues.
- f) SPEAKER in 14<sup>th</sup> National Conference of the Association for Prevention and Control of Rabies in India (APCRI) on the Theme: "*Towards a sustainable Rabies Control programme in India- A one Health Initiative*" at Park Hotel, Kolkata (July 7-8, 2012).
- g) SPEAKER in the South-East Asia Regional Public Health Conference and 57<sup>th</sup> All India Annual Conference of the Indian Public Health Association (IPHA), Kolkata (Feb 1-3, 2013) on the theme "*Strengthening partnerships towards excellence in public health- One vision, one voice*".
- h) "Adviser" for Editorial Board and Honorary Author for the *Journal of Indian Leather Technologists' Association*, publication of Indian Leather Technologists' Association (ILTA), India [Indexed journal with Global Institute for Scientific Information (GISI) Journal Impact factor: 0.7211, Regd.No. ISSN 0019 5378, RNI No.2839/57].
- i) Scientific Adviser for the *Institute of Integrative Omics and Applied Biotechnology*, India.
- j) Scientific Adviser for *Science and Education Development Institute*, Nigeria.
- k) Scientific Advisor for *Chromatography Letters*.
- l) Advisory Board Member of *Universal Journal of Pharmacy*.
- m) Advisory Board Member of *Journal Of Harmonized Research Publications*.
- n) Advisory Board Member of *International Journal of Innovative and Applied Research*.
- o) Advisory Board Member of *International Journal of Latest Trends in Engineering and Technology (IJLTET)*, SN Education Society, India.
- p) Honorary Member and 'Recommender' for new Life Members, *Pharma Research Library (PRL)*, India
- q) Executive Board Member of *Journal of Pharmaceutical and Biological Research (JPBR)*, Official online journal published by *Pharma Research Library (PRL)*, India.
- r) Executive Board Member of *International Journal for Pharmaceutical Research Scholars (IJPRS)*.
- s) Executive Board Member/ Editorial Member and 'Recommender' for new Life Members and Executive Board Members of *Research Scholar Hub (RSH) Society, India*.
- t) Central Executive Council Member, *Society for Researchers and Health Care Professionals (SRHCP)* [Regd.], India
- u) Advisory Member of *Unique Journal of Ayurvedic and Herbal Medicine*.
- v) Advisory Board Member of *European Journal of Pharmaceutical and Medicinal Research (EJPMR)*.
- w) Executive Board Member/ Editorial Member of *IJPRET* and *IJPRBS*, Two Official Online Journals published by Research Scholar Hub (RSH) Society, India.
- x) Executive Board Member, *International Journal of Pharmaceutical Research Scholars (IJPRS)*.
- y) Executive Committee Member, *International Journal of Research and Development in Pharmacy and Life Sciences (IJRDPL)*.
- z) FOUNDER MEMBER, *International Academy of Biosciences (IAB)*, UK.
- aa) Invited Guest SPEAKER and Honorary Fellow Member at the APP 3<sup>rd</sup> Annual National Convention of Association of Pharmacy Professionals on Theme "*Novel Drug Discovery and Development: Current Status and Challenges Ahead*" (January 18, 2014) at Faculty of Pharmacy, Dharmsinh Desai University, Nadiad (Gujrat) organized by Faculty of Pharmacy,



#### EXTENSION PROGRAMME/SYMPOSIUM CONDUCTED

- i) Conducted the *Brackishwater Aquafarmer's Meet-2008* organized by Kakdwip Research Centre of CIBA (ICAR) held on 3<sup>rd</sup> July, 2008 at Kakdwip Research Centre of Central Institute Of Brackishwater Aquaculture (ICAR), 24 Pgs. (S), West Bengal, India.
- ii) Attended / conducted the *Pathari Agrotech 2010 Kisan Mela* organized by Birsa Agricultural University, Ranchi held from March 6– 8, 2010.
- iii) Conduct regular training programme on *Skill upgradation of rural fishermen on processing of value added products* organized by AICRP on Post Harvest Technology (Kolkata centre) held at Department of Fish Processing Technology, Faculty of Fishery Sciences, WBUAFS, Kolkata 700 094.
- iv) Member of Co-Chairman panel and Rapporteur for the Scientific Sub-Committee for *42<sup>nd</sup> Re-Union of past and present Students of Bengal Veterinary College, Faculty of Veterinary & Animal Sciences of BCKV & WBUAFS* (10-11 January 2012).
- v) Participated in the *Observation of Animal Welfare Fortnight* (14-31 January 2012) and *Programme on Anti-Rabies Vaccination and Animal Birth Control Programme* on 30<sup>th</sup> January 2012 at Dog Ward, Faculty of Veterinary & Animal Sciences, West Bengal University of Animal and Fishery Sciences organized by Association of Public Health Veterinarians and State Animal Welfare Board of Govt of West Bengal in association with all prominent Animal Welfare Organizations of West Bengal.
- vi) Member of the *Registration Committee* in the 14<sup>th</sup> National Conference of the Association for Prevention and Control of Rabies in India (APCRI) on the Theme: "*Towards a sustainable Rabies Control programme in India- A one Health Initiative*" at Park Hotel, Kolkata (July 7-8, 2012).
- vii) Member of the Organizing (Management) committee in the 10<sup>th</sup> All-India Conference of Association of Public Health Veterinarians and National Symposium on "*One World-One Health: Emerging Veterinary Public Health Challenges and Strategies*" (14<sup>th</sup> & 15<sup>th</sup> December 2012) at Faculty of Veterinary & Animal Sciences, West Bengal University of Animal and Fishery Sciences organized by the Association of Public Health Veterinarians in collaboration with Dept of Veterinary Public Health & Epidemiology, F/O VAS, WBUAFS, Kolkata.
- vi) Member of *Documentation and Publication committee* of South-East Asia Regional Public Health Conference and 57<sup>th</sup> All India Annual Conference of the Indian Public Health Association (IPHA), Kolkata (Feb 1-3, 2013) on the theme "*Strengthening partnerships towards excellence in public health- One vision, one voice*".
- vii) Member of the *Scientific Committee* in the APP 3<sup>rd</sup> Annual National Convention of Association of Pharmacy Professionals on Theme "*Novel Drug Discovery and Development: Current Status and Challenges Ahead*" (January 18, 2014) at Faculty of Pharmacy, Dharmsinh Desai University, Nadiad (Gujrat) organized by Faculty of Pharmacy, Dharmsinh Desai University in collaboration with *Association of Pharmacy Professionals (APP)*, Bhopal, MP, India.

#### APPEARANCE IN TELEVISION TALK SHOWS

Appeared as speaker on the topic "Livestock- their various diseases, control and prevention" in a popular TV talk show on Agricultural sciences in Bengali (*Krishi Darshan*) of Ministry of Agriculture, Govt of India and Doordarshan held at 4 No. Bhery, Fishery Cooperative Society Ltd., Naobhanga, Chingrighata, Kolkata on June 8, 2012. *Telecasted on Doordarshan DD Bangla in the said programme/ talk show on 21<sup>st</sup> June at 5.30 PM.*

#### MEMBERSHIP OF EDITORIAL BOARD OF JOURNALS / MAGAZINES & OTHER EMINENT POSITIONS

- 1) Ex-Editor-in-Chief, *Science Reuters, UK* ([www.sciencereuters.com](http://www.sciencereuters.com)).
- 2) Chief Editor, *Indian Journal of Scientific Research and Technology* ([www.indjsrt.com](http://www.indjsrt.com)).
- 3) Chief Editor, *Scholars Journal of Agriculture and Veterinary Sciences (SJAVS)* ([www.saspjournals.com](http://www.saspjournals.com)).
- 4) Chief Editor, *Journal of Microbial and Biochemical Informatics*, Official journal published by *The Bioveritaz organization* ([www.jmbi.bioveritaz.org](http://www.jmbi.bioveritaz.org)).
- 5) Editor-in-Chief, Book Chapters, *Wilolud Journals*, Academic Publishers at Nigeria (<http://www.wiloludjournal.com/>).
- 6) Editor-in-Chief, *Continental Journal of Microbiology (CJMB)* ([www.wiloludjournal.com](http://www.wiloludjournal.com)).
- 7) Editor-in-Chief, *Continental Journal of Biological Sciences (CJBS)* ([www.wiloludjournal.com](http://www.wiloludjournal.com)).
- 8) Editor-in-Chief, *Greener Journal of Microbiology and Antimicrobials (GJMA)* ([www.gjournals.com/gjma](http://www.gjournals.com/gjma)).

- 9) Dy. Chief Editor, *Journal of Biological and Chemical Research* ([www.jbcr.in](http://www.jbcr.in)).
- 10) Founder Dy. Chief Editor, *World Journal of Biology and Medical Sciences (WJBMS)* [[www.wjbms.bugs3.com](http://www.wjbms.bugs3.com)].
- 11) Ex Editor-in-Chief, *Journal of Entomology and Zoology Studies*([www.entomoljournal.com/](http://www.entomoljournal.com/)).
- 12) Main Editor, *Journal of Veterinary Medicine and Animal Health (JVMAH)* [<http://www.academicjournals.org/JVMAH/>].
- 13) Editor (for Book publications), *Science Publishers- An imprint of Edenbridge Ltd.* (Jersey, British Isles Enfield, New Hampshire, USA) Marketing tie-up with CRC Press/Taylor & Francis Group (<http://www.scipub.net>) and *Research Signpost Publishers* ([www.researchsignpost.com/home.aspx](http://www.researchsignpost.com/home.aspx)).
- 14) Editor, *Journal of Animal Genetic Research, Biochemistry & Molecular Biology, Coastal and Marine Research and International Journal of Epidemiology & Infection* (SCIKNOW Publications, <http://www.sciknow.org/>).
- 15) Editor, *International Journal of Bio-resource and Stress Management* ([www.pphouse.org](http://www.pphouse.org)).
- 16) Editor, *Journal of Clinical Immunology & Immunopathology Research*([www.academicjournals.org/jciir/](http://www.academicjournals.org/jciir/)).
- 17) Editor, *Scholarly Journals International* ([www.scholarly-journals.com](http://www.scholarly-journals.com)).
- 18) Editor, *Double Helix Research- An International Journal of Bio-Medical and Life Science Research* ([www.doublehelixresearch.com](http://www.doublehelixresearch.com)).
- 19) Member Editor, *Global Advanced Research Journal of Biotechnology* (GARJB) [[www.garj.org/garjb](http://www.garj.org/garjb)].
- 20) Ex-Associate Editor, *Journal of Pharmacognosy and Phytochemistry* ([www.phytojournal.com](http://www.phytojournal.com)).
- 21) Associate Editor, BRNSS Publishing Hub ([www.brnsspublicationhub.com](http://www.brnsspublicationhub.com)).
- 22) Associate Editor, *BIOINFO Pharmaceutical Biotechnology* ([www.bioinfopublication.org](http://www.bioinfopublication.org)).
- 23) Associate Editor for *International Journal of Pharmaceutical Research and Bio-Science (IJPRBS)* [[www.ijprbs.com](http://www.ijprbs.com)], Official Online journal published by *Research Scholar Hub (RSH) Society, India* ([www.researchscholarhub.com](http://www.researchscholarhub.com)).
- 24) Associate Editor, *International Journal of Pure and Applied Research in Engineering and Technology (IJPRET)* [[www.ijpret.com](http://www.ijpret.com)], Official Online journal published by *Research Scholar Hub (RSH) Society, India* ([www.researchscholarhub.com](http://www.researchscholarhub.com)).
- 25) Associate Editor, *Research Journal of Agricultural and Environmental Sciences (RJAES)* [[www.rjaes.com](http://www.rjaes.com)].
- 26) Associate Editor, *International Journal of Tropical Agriculture (IJTA)*, Academic Research Journals (India), New Delhi, India.
- 27) Associate Editor, *Innovations in Pharmaceuticals & Pharmacotherapy (IPP)*.
- 28) Member Editor, *Advances in Pharmacoepidemiology and Drug Safety*.
- 29) Member Editor, *Journal Drug Metabolism & Toxicology*.
- 30) Specialized Managing Editor (Microbiology), *WebMedCentral plus*.
- 31) Honorary contributing Author, *Journal of Indian Leather Technologists' Association (JILTA)*.
- 32) Referee for *Indian Veterinary Journal* (Official publication of *Indian Veterinary Association*).
- 33) Reviewer for *The Indian Journal of Animal Sciences* (Publication from ICAR New Delhi, India) [Username: drsg].
- 34) Referee (Honorary) for *Indian Journal of Animal Research* (Published from Animal Research Communication Centre, Karnal, India).
- 35) Reviewer for *Animal Science Reporter* (International journal).
- 36) Member of the Technical Editorial Committee(Co-Editor) of *Livestock Line&Poultry Line*(Journal Magazine) [Monthlypublication from Nallakunta, Hyderabad (AP), India].
- 37) Member of the Editorial Board (Associate Editor) of *Indian Pet Journal (IPJ) - Online Journal of Canines, Felines & Exotic Petsand International Journal of Livestock Research (IJLR)-Online*[Publication from Pashupati Foundation, India].
- 38) Associate Editor, *International Journal of Agricultural Sciences*, official journal published by *Hind Agri-Horticultural Society, India* ([www.hindagrihorticulturalsociety.co.in](http://www.hindagrihorticulturalsociety.co.in)).
- 39) Associate Editor, *Herald Journal of Agriculture and Food Science Research* ([www.heraldjournals.org/hjafsr](http://www.heraldjournals.org/hjafsr)).
- 40) Member of Editorial Team of *International Journal of Bio-Resource and Stress Management(IJBSM)* as Animal Science expert.
- 41) Editorial Board member, *International Journal of Lakes and Rivers (IJLR)* (<http://www.ripublication.com/ijlr.htm>)
- 42) Contributing Author for the *Dogs & Pups Magazine* (Monthly publication from Sant Nagar, East of Kailash, New Delhi, India).
- 43) Contributing Author for *Fishing Chimes – The National Fisheries Journal of India*.
- 44) Reviewer / Refereeof indexed Journals of high National & International impact(s).

- 45) Reviewer in *Journal of Clinical Immunology and Immunopathology Research* (Academic Journals).
- 46) Reviewer for *Indian Pet Journal* (IPJ-Online).
- 47) Reviewer for *Indian Journal of Pathology & Microbiology* (IJPM).
- 48) Editorial Board member as Reviewer for *Journal of Microbiology and Antimicrobials* (JMA) ([www.academicjournals.org/JMA/](http://www.academicjournals.org/JMA/)).
- 49) Reviewer for *Archives of Clinical Microbiology* [<http://imedpub.com/ojs/index.php/acmicrob>].
- 50) Editorial Board member as Reviewer for *African Journal of Agricultural Research* (AJAR) [[www.academicjournals.org/JCIIR/](http://www.academicjournals.org/JCIIR/)].
- 51) Editorial Board member as Reviewer for *International Journal of Fisheries and Aquaculture* ([www.academicjournals.org/IJFA/](http://www.academicjournals.org/IJFA/)).
- 52) Reviewer for *Immunological Investigations*, ScholarOne Manuscript Central (Taylor & Francis Group publication).
- 53) Reviewer, ScienceDomain *international* (<http://www.sciencedomain.org>).
- 54) Reviewer for Science Alert journals (<http://www.scialert.com>).
- 55) Member of editorial board of *International Journal of Forest, Soil and Erosion* (IJFSE) [<http://www.ijfse.com/index.php/IJFSE>].
- 56) Reviewer for *Indian Journal of Fisheries* (Publication from ICAR New Delhi, India) [Username: drsg].
- 57) Editor/Reviewer for *Science Alert* journals (Username: [ganguly38@gmail.com](mailto:ganguly38@gmail.com)).
- 58) Online Advisory/ Editorial Board expert, Scholarly Reviewer and lead Faculty member (Microbiology) for *WebmedCentral* and *WebmedCentral plus*.
- 59) Editorial Board member as Reviewer for *Journal of Public Health and Epidemiology* ([www.academicjournals.org/JPHE/](http://www.academicjournals.org/JPHE/)).
- 60) Ex-Referee (Honorary) for *Global Journal of Research in Medicinal Plants & Indigenous Medicine* (GJRMI).
- 61) Editorial Board member as Reviewer for *African Journal of Microbiology Research* (AJMR) ([www.academicjournals.org/AJMR/](http://www.academicjournals.org/AJMR/)).
- 62) Reviewer for *Veterinary Science Development* (<http://www.pagepress.org/journals>).
- 63) Reviewer for *Fish Physiology & Biochemistry* (SpringerLink Journal).
- 64) Reviewer for *Journal of Fish Biology* (SpringerLink Journal).
- 65) Editorial Board member as Reviewer for *Medical Practice and Reviews* ([www.academicjournals.org/MPR/](http://www.academicjournals.org/MPR/)).
- 66) Editorial Board member as Reviewer for *Scholarly Journals International* ([www.scholarly-journals.com](http://www.scholarly-journals.com)).
- 67) Editorial Board member as Reviewer for *International Greener Journals* ([www.gjournals.org](http://www.gjournals.org)).
- 68) Editorial Board member for *International Journal of NanoScience and Nanotechnology-Research India* Publication (<http://www.ripublication.com/irph/ijnn.htm>).
- 69) Honorary member of Editorial Board for *Double Helix Research- An International Journal of Bio-Medical and Life Science Research* ([www.doublehelixresearch.com](http://www.doublehelixresearch.com)).
- 70) Honorary member of Editorial board of *International Journal of Research in BioSciences* ([www.ijrbs.in](http://www.ijrbs.in)).
- 71) Editorial Board member as Reviewer for *African Journal of Biotechnology* ([www.academicjournals.org/AJB/](http://www.academicjournals.org/AJB/)).
- 72) Editorial Board member as Reviewer for *African Journal of Pharmacy and Pharmacology* ([www.academicjournals.org/AJPP](http://www.academicjournals.org/AJPP)).
- 73) Editorial Board member as Reviewer for *Journal of Medicinal Plants Reserach* ([www.academicjournals.org/JMPR/](http://www.academicjournals.org/JMPR/)).
- 74) Editorial Board member as Reviewer for *Wudpecker Journal of Agricultural Research* ([www.wudpeckerresearchjournals.org/WJAR](http://www.wudpeckerresearchjournals.org/WJAR)).
- 75) Editorial Advisory Board member for *e3 Journal of Medical Research* ([www.e3journals.org/EJMR](http://www.e3journals.org/EJMR)) and *e3 Journal of Biotechnology and Pharmaceutical Research* (EJBPR) [[www.e3journals.org/JBPR/](http://www.e3journals.org/JBPR/)].
- 76) Editorial Board member of *Sky Journal of Microbiology Research* ([www.skyjournals.org/SJMR](http://www.skyjournals.org/SJMR)).
- 77) Editorial Board member as Reviewer for the *International Journal of Chemical and Biochemical Science (IJCBS)*. Published by International Scientific Organization (<http://iscientific.org/Journal.html>).
- 78) Associate editor for Associate Editor, *Fons Scientia Publishing House* ([www.fonscientia.com](http://www.fonscientia.com)).
- 79) Executive Council/Editorial Board/Advisory Board member (on Invitation) of the *Asian Journal of Animal Science, Veterinary Science Research Journal, Research Journal of Animal*

- Husbandry & Dairy Science, International Journal of Processing & Post Harvesting Technology, Asian Journal of Bio Science and Food Science Research Journal* (International journal publications of the HIND AGRICULTURAL RESEARCH AND TRAINING INSTITUTE in association with: Hind Agri-Horticultural Society, Muzaffarnagar, U.P., India) [[www.hindagrihorticulturalsociety.co.in](http://www.hindagrihorticulturalsociety.co.in)].
- 80) Editorial Board Member of the *Journal Of Pharmacognosy and Phytotherapy* (JPP) ([www.academicjournals.org/JPP](http://www.academicjournals.org/JPP)).
  - 81) Editorial Board Member of *Innovative Journal of Medical and Health Sciences* [IJMHS] (<http://www.innovativejournal.in/index.php/ijmhs>).
  - 82) Editorial Board Member of *Research, Reviews, Publications* (RRP) journals (<http://www.rrpjournals.com/>).
  - 83) Editorial Board Member of *Journal of Scientific Research in Pharmacy* (JSRP) [[www.jsrponline.com](http://www.jsrponline.com)].
  - 84) Editorial Board Member of *Global Advanced Research Journal of Microbiology* (GARJM) [[www.garj.org/garjm](http://www.garj.org/garjm)].
  - 85) Editorial Board Member of *Herald Journal of Education and General Studies* ([www.heraldjournals.org](http://www.heraldjournals.org)).
  - 86) Editorial Board Member of *International Journal of Science, Environment and Technology* ([www.ijset.net](http://www.ijset.net)).
  - 87) Editorial Board member of the *Global Advanced Research Journal of Geography and Regional Planning* (<http://garj.org/garjm/>).
  - 88) Appointed Reviewer for *Topclass Journal of Herbal Medicine* ([www.topclassjournals.org](http://www.topclassjournals.org)).
  - 89) Editorial Board member of *Journal of Veterinary Medicine and Animal Health* ([www.academicjournals.org/JVMAH](http://www.academicjournals.org/JVMAH)).
  - 90) Editorial Board member of the *Modern Research in Inflammation- Biomedical & Life Sciences Journal* (*Scientific Research* publication) [[www.scirp.org/journal/mri](http://www.scirp.org/journal/mri)].
  - 91) Editorial Board Member of the *Journal of Environmental Science and Water Resources* ([www.wudpeckerresearchjournals.org](http://www.wudpeckerresearchjournals.org)).
  - 92) Editorial Board Member of the *Wudpecker Journal of Medical Sciences* ([www.wudpeckerresearchjournals.org/WJMS/](http://www.wudpeckerresearchjournals.org/WJMS/)).
  - 93) Editorial Board Member of the *Wudpecker Journal of Pharmacy and Pharmacology* ([www.wudpeckerresearchjournals.org/](http://www.wudpeckerresearchjournals.org/)).
  - 94) Editorial Board Member of the *International Journal of Molecular Veterinary Research* (<http://ijmvr.sophiapublisher.com>).
  - 95) Editorial Board member of *Indian Journal of Drugs and Diseases* (<http://www.iseeadyar.org/ijdad>) and *Indian Journal of Medicine and Healthcare* ([www.iseeadyar.org/ijmhc/](http://www.iseeadyar.org/ijmhc/)).
  - 96) Reviewer for *Open Journal of Veterinary Medicine- Biomedical & Life Sciences Journal* (*Scientific Research* publication) [[www.scirp.org/journal/ojvm](http://www.scirp.org/journal/ojvm)].
  - 97) Reviewer for *Discovery Science* ([www.discovery.org.in/ds.htm](http://www.discovery.org.in/ds.htm)).
  - 98) Editorial Board member of *BiotechRings*, an unique students oriented magazine on biotechnology from GBioFin ([www.biofin.net](http://www.biofin.net)).
  - 99) Editorial Board Member as special Reviewer for the *International Research Journal of Agricultural Science and Soil Science* (IRJAS) [[www.interestjournals.org/IRJAS](http://www.interestjournals.org/IRJAS)].
  - 100) Editorial Board Member of the *International Journal of Education and Applied Research* (IJEAR)- Cosmic Journals [[www.ijear.org](http://www.ijear.org)].
  - 101) Reviewer for *International Journal of Agricultural Science Research* (IJAR) [[www.academeresearchjournals.org/IJAR](http://www.academeresearchjournals.org/IJAR)].
  - 102) Editorial Board Member of the *Journal of Scientific Research and Reviews* (<http://www.wudpeckerresearchjournals.org/JSRR>).
  - 103) Reviewer for *International Journal of Basic & Clinical Pharmacology* (IJBCP) [[www.ijbcp.com](http://www.ijbcp.com)].
  - 104) Referee for *Toxicology Research* (Publication of the "Royal Society of Chemistry") [[pubs.rsc.org/en/Journals/Journal/TX](http://pubs.rsc.org/en/Journals/Journal/TX)].
  - 105) Regional Editor, *Journal of Pharma Research* ([www.jprinfo.com](http://www.jprinfo.com)).
  - 106) Editorial Board Member, *Advanced Research in Biological Sciences* (ARBS) [Access International Journals, [www.accessinternationals.org/ARBS](http://www.accessinternationals.org/ARBS)].
  - 107) Reviewer for *World's Poultry Science Journal* ([www.wpsa.com/journal/wpsj.html](http://www.wpsa.com/journal/wpsj.html)).
  - 108) Editorial Board Member, *Sky Journal of Biochemistry Research* (SJBR) [[www.skyjournals.org/SJBR](http://www.skyjournals.org/SJBR)].
  - 109) Editorial Board Member, *International Journal of Advanced and Innovative Research* (IJAIR) [<http://ijair.ictjournals.com>].
  - 110) Editorial Board Member, *International Journal of Microbiology and Immunology Research* (<http://academeresearchjournals.org/journal/ijmir>).

- 111) Editorial Board Member, *Research Journal of Animal, Veterinary and Fishery Sciences* ([www.isca.in/avfs](http://www.isca.in/avfs)), official journal publication of the International Science Community Association, Indore, UP, India.
- 112) Editorial Board member, *Research Journal of BioTechnology*, publication of the International Society of BioTechnology ([www.biotekjournal.net](http://www.biotekjournal.net)).
- 113) Editorial Board Member of the journal, *Bulletin of Pharmaceutical Research* (<http://www.appconnect.in/journal-bpr/>) and magazine, *APP Scientific Updates*, publications of Association of Pharmacy Professionals (APP).
- 114) Editorial Board Member, *International Journal of Pharmaceutical Sciences and Research (IJPSR)* [[www.ijpsr.com](http://www.ijpsr.com)].
- 115) Editorial Board Member, *International Journal of Research in Ayurveda and Pharmacy (IJRAP)* [[www.ijrap.net](http://www.ijrap.net)]-An official publication of Moksha Publishing House, India ([www.mokshaph.com](http://www.mokshaph.com)).
- 116) Editorial Board Member, *International Research Journal of Pharmacy (IRJP)* [[www.irjponline.com](http://www.irjponline.com)]-An official publication of Moksha Publishing House, India ([www.mokshaph.com](http://www.mokshaph.com)).
- 117) Editorial Board Member, *Journal of Biological and Scientific Opinion* ([www.jbsoweb.com](http://www.jbsoweb.com)). An official publication of Moksha Publishing House, India ([www.mokshaph.com](http://www.mokshaph.com)).
- 118) Editorial Board Member, *International Journal of Current Microbiology and Applied Sciences* ([www.ijcmas.com](http://www.ijcmas.com))-An official publication of Excellent Publishers, TN, India ([www.excellentpublishers.com](http://www.excellentpublishers.com)).
- 119) Editorial Board Member, *International Journal of Current Research and Academic Review* ([www.ijcrar.com](http://www.ijcrar.com))-An official publication of Excellent Publishers, TN, India ([www.excellentpublishers.com](http://www.excellentpublishers.com)).
- 120) Editorial Board Member, *Bret Research Publication* ([www.bretj.com](http://www.bretj.com)).
- 121) Editorial Board Member, *Research Journal of Chemical and Environmental Sciences (RJCES)* [[www.aelsindia.com/rjces](http://www.aelsindia.com/rjces)] and *Bulletin of Environmental, Pharmaceutical and Life Sciences (BEPLS)* [[www.bepils.com](http://www.bepils.com)], official journal publications of the Academy for Environment and Life Sciences, Agra, India [[www.aelsindia.com](http://www.aelsindia.com)].
- 122) Reviewer for *Animal Science Reporter*- International Journal of Animal Science Research ([www.animalsciencereporter.com](http://www.animalsciencereporter.com)).
- 123) Reviewer for the *International Journal of Research in Chemistry and Environment (IJRCE)* [[www.ijrce.org](http://www.ijrce.org)].
- 124) Editorial Board Member of the *Journal of Environmental Science and Water Resources* ([www.wudpeckerresearchjournals.org](http://www.wudpeckerresearchjournals.org)).
- 125) Editorial Board Member of the *Current Science Perspectives* ([www.currentscienceperspectives.com](http://www.currentscienceperspectives.com)).
- 126) Reviewer on invitation for the *Drug, Healthcare and Patient Safety, Research and Reports in Biology, Vaccine: Development and Therapy* and *Veterinary Medicine: Research and Reports* (Dove Medical Press journals, [www.dovepress.com](http://www.dovepress.com)).
- 127) Editorial Board Member of the *International Journal of Biotechnology and Allied Fields (IJBAF)* [[www.ijbaf.com](http://www.ijbaf.com)].
- 128) Editorial Board Member as Reviewer for the *International Journal of Scientific and Research Publications (IJSRP)* [[www.ijsrp.org](http://www.ijsrp.org)].
- 129) Reviewer of the *Indian Journal of Public Health* ([www.ijph.in](http://www.ijph.in)) [Official publication of the Indian Public Health Association, Kolkata, India].
- 130) Editorial Board Member as Reviewer of the *Current Trends in Technology and Sciences (CTTS)* [[www.ctts.in](http://www.ctts.in)].
- 131) Sub-editor of the *Greener Journal of Agricultural Sciences* (International Greener Journals, [www.gjournals.org](http://www.gjournals.org)).
- 132) Editorial Board Member of the *International Journal of Modern Agriculture* ([www.modern-journals.com](http://www.modern-journals.com)).
- 133) Editorial Board Member of the *International Research Journal of Medical Sciences* ([www.isca.in/medi\\_sci](http://www.isca.in/medi_sci)), official journal publication of the International Science Community Association, Indore, UP, India.
- 134) Editorial Board Member of the *Research Journal of Marine Sciences* ([www.isca.in/marine\\_sci](http://www.isca.in/marine_sci)), official journal publication of the International Science Community Association, Indore, UP, India.
- 135) Editorial Advisory panel member of *Annals of Pharma Research* (<http://ebioscholar.com/ojs/index.php/apr>).
- 136) Editorial Board Member of *Journal of Biological and Scientific Opinion (JBSO)* [[www.jbsoweb.com](http://www.jbsoweb.com)].

- 137) Reviewer for *Asian Fisheries Science Journal*, official journal published by Asian Fisheries Society ([www.asianfisheriessociety.org](http://www.asianfisheriessociety.org)).
- 138) Honoured Scientific Editorial Board Member, *Chromatography Letters* ([www.chromatographyletters.com](http://www.chromatographyletters.com)).
- 139) Reviewer for *Online Journal of BioSciences and Informatics* ([www.journalonline.in](http://www.journalonline.in)).
- 140) Editorial Board member/ Reviewer of *Journal of Chemical, Biological and Physical Sciences*, Section: *Biological Sciences* ([www.jcbpsc.org](http://www.jcbpsc.org)).
- 141) Editorial Board member of *Journal of Pharmacy & Biological Sciences (COES&RJ-JPBS)* [[centrefexcellence.net](http://centrefexcellence.net)].
- 142) Advisory/ Editorial/ Reviewer Board member of *International Journal of Innovations in Pharmaceutical Sciences* ([www.scientificviewers.com](http://www.scientificviewers.com)).
- 143) Editorial Board member of *International Journal of Green and Herbal Chemistry (IJGHC)* [[www.ijghc.com](http://www.ijghc.com)].
- 144) Editorial Board member of *Journal of Environment Science, Computer Science and Engineering and Technology (JECET)* [[www.jecet.org](http://www.jecet.org)].
- 145) Editorial Board member of *Asian Journal of Biochemical and Pharmaceutical Research (AJBPR)* [[www.ajbpr.com](http://www.ajbpr.com)].
- 146) Editorial Board member of *Journal of Medical Pharmaceutical and Allied Sciences [JMPAS]* [[www.jmpas.com](http://www.jmpas.com)].
- 147) Editorial Board member of *Fisheries and Aquaculture Journal* ([www.omicsonline.com/faj](http://www.omicsonline.com/faj)).
- 148) Editorial Board member of *Bioinfo Publications Journals*(<http://www.bioinfopublication.org>).
- 149) Editorial Board member of *International Journal of Veterinary Medicine: Research & Reports*, Official journal published by *IBIMA Publishing LLC, USA* ([www.ibimapublishing.com](http://www.ibimapublishing.com)).
- 150) Editorial Board Member of 'Microbiology' in *Journal of Bioinnovation (JBINO)* [[www.jbino.com](http://www.jbino.com)].
- 151) Editorial Board member of *World Journal of Pharmacy and Pharmaceutical Sciences (WJPPS)* [[www.wjpps.com](http://www.wjpps.com)].
- 152) Editorial Board member of *World Journal of Pharmaceutical Research (WJPR)* [[www.wjpr.net](http://www.wjpr.net)].
- 153) Review Board Member of *International Journal of Advancements in Research & Technology (IJoART)* [[www.ijoart.org](http://www.ijoart.org)].
- 154) Editorial Board member of *International Journal of Veterinary Medicine: Research & Reports*, IBIMA Publishing ([www.ibimapublishing.com/journals/IJVMR](http://www.ibimapublishing.com/journals/IJVMR)).
- 155) Honorary Advisory & Editorial Board Member of *International Journal of Recent Biotechnology (IJRB)* [[www.ijrbp.com](http://www.ijrbp.com)].
- 156) Honorary Advisory & Editorial Board Member of *International Journal of Pure & Applied Bio Science (IJPAB)* [[www.ijpab.com](http://www.ijpab.com)].
- 157) Honorary Advisory & Editorial Board Member of *International Journal of Pharmacy and Biomedical Research (IJPBR)* [[www.ijpbr.org](http://www.ijpbr.org)].
- 158) Advisory Board Member of *International Journal of Pharmacy and Life Sciences (IJPLS)* [[www.ijplsjournal.com](http://www.ijplsjournal.com)].
- 159) Honorary peer Reviewer of *GJRE*, Official Publication of *Global Journals Inc.(US)*[[www.globaljournals.org](http://www.globaljournals.org)].
- 160) Editorial Board Member, *International Journal of Molecular Genetics (IJMG)* [[www.ripublication.com/ijmg.htm](http://www.ripublication.com/ijmg.htm)].
- 161) Editorial Board Member, *International Journal of Biotechnology and Bioengineering Research (IJBBR)* [[www.ripublication.com/ijbbr.htm](http://www.ripublication.com/ijbbr.htm)].
- 162) Editorial Board Member, *Developmental Microbiology and Molecular Biology (DMMB)*[[www.ripublication.com/dmmb.htm](http://www.ripublication.com/dmmb.htm)].
- 163) Editorial Board Member, *The International Journal of Agriculture and Food Science Technology (IJAFST)*[[www.ripublication.com/ijafst.htm](http://www.ripublication.com/ijafst.htm)].
- 164) Editorial Board Member, *International Journal of Applied Agricultural Research (IJAAR)*[[www.ripublication.com/ijaar.htm](http://www.ripublication.com/ijaar.htm)].
- 165) Editorial Board Member, *International Journal of Biotechnology and Biochemistry (IJBB)* [[www.ripublication.com/ijbb.htm](http://www.ripublication.com/ijbb.htm)].
- 166) Editorial Board Member, *Journal of Computational Intelligence in Bioinformatics (JCIB)* [[www.ripublication.com/jcib.htm](http://www.ripublication.com/jcib.htm)].
- 167) Editorial Board Member, *International Journal of Genetic Engineering and Biotechnology (IJGEB)* [[www.ripublication.com/ijgeb.htm](http://www.ripublication.com/ijgeb.htm)].
- 168) Editorial Board Member, *Global Journal of Microbiology and Biotechnology (GJMB)*, publication of *International Research Publication House (IRPH)* [[www.irphouse.com/sci/qjmb/](http://www.irphouse.com/sci/qjmb/)].
- 169) Editorial Board Member, *International Journal of Molecular Biology and Biotechnology (IJMBB)*, publication of *International Research Publication House (IRPH)* [[www.irphouse.com/sci/ijmbb/](http://www.irphouse.com/sci/ijmbb/)].

- 170) Editorial Board Member, *International Journal of Fisheries and Aquaculture Sciences (IJFAS)*, International Research Publication House [[www.irphouse.com/sci/ijfas/](http://www.irphouse.com/sci/ijfas/)].
- 171) Editorial Board Member, *International Journal of Applied Biotechnology and Biochemistry (IJABB)* [[www.ripublication.com/ijabb.htm](http://www.ripublication.com/ijabb.htm)].
- 172) Editorial Board Member, *Global Journal of Biotechnology and Biochemistry Research (GJBBR)* [[www.ripublication.com/gjbbbr.htm](http://www.ripublication.com/gjbbbr.htm)].
- 173) Editorial Board Member, *International Journal of Advanced Biotechnology Research (IJABR)* [[www.ripublication.com/ijabr.htm](http://www.ripublication.com/ijabr.htm)].
- 174) Editorial Board Member, *International Journal of Advances in Pharmacy, Biology and Chemistry (IJAPBC)* [[www.ijapbc.com](http://www.ijapbc.com)].
- 175) Editorial Board Member, *Global Journal of Applied Agricultural Research (GJABR)* [[www.ripublication.com/gjabr.htm](http://www.ripublication.com/gjabr.htm)].
- 176) Reviewer Board Member, *British Biomedical Bulletin (BBB)* [[www.bbbulletin.org](http://www.bbbulletin.org)].
- 177) Editorial Board Member, *International Journals of Scientific Knowledge (IJSK)* [[www.ijsk.org](http://www.ijsk.org)].
- 178) Editorial Board Member, *Scholars Academic Journal of Biosciences (SAJB)* [<http://saspublisher.com/sajb>], SAS Publishers.
- 179) Editorial Board Member, *World Journal of Pharmaceutical Sciences (WJPS)* [[www.wjpsonline.com](http://www.wjpsonline.com)].
- 180) Editorial Board Member, *Braintech Journal of Pharmaceutical and Medical Sciences Research and Reviews (BJPMSRR)* [[www.braintechjournals.com](http://www.braintechjournals.com)].
- 181) Editorial Board Member, *International Journal of Research in Applied, Natural and Social Sciences (IMPACT: IJRANSS)* [[www.impactjournals.us](http://www.impactjournals.us)].
- 182) Editorial Board Member, *Direct Research Journal of Biology and Biotechnology (DRJBB)* [[www.directresearchpublisher.org/drjbb](http://www.directresearchpublisher.org/drjbb)].
- 183) Editorial Board Member, *World Journal of Natural Medicine (www.wjonm.com)*, Official published journal by *Academy for Environment and Life Sciences*, India.
- 184) Editorial Board Member, *Asian Pacific Journal of Health Sciences (APJHS)* [[www.apjhs.com](http://www.apjhs.com)]. Full Editorial Biography published Online in Volume- 01, Issue- 02, JUNE 2014 Issue.
- 185) Editorial Board Member, *Advanced Research in Engineering Science (ARES Journal)* [[www.aresjournal.org](http://www.aresjournal.org)].
- 186) Editorial Board Member, *International Journal of Emerging Technology and Advanced Engineering (IJETAE)*, an ISO 9001:2008 Certified Journal [[www.ijetae.com](http://www.ijetae.com)].
- 187) Editorial Board Member, *International Journal of Recent Development in Engineering & Technology (IJRDET)* [[www.ijrdet.com](http://www.ijrdet.com)].
- 188) International Advisory Board Member, *Asian Journal of Biological and Life Sciences (AJBLS)* [[www.pbsjournals.com/ajbbs/](http://www.pbsjournals.com/ajbbs/)].
- 189) Editorial Board Member, *International Journal of Modern Sciences and Engineering Technology (IJMSET)*, Advanced Scientific Research Forum (ASRF) [[www.ijmest.com](http://www.ijmest.com)].
- 190) Editorial Board Member, *International Journal of Research in Science & Technology (IJRST)* [[www.ijrst.weebly.com](http://www.ijrst.weebly.com)].
- 191) Editorial Board Member, *Journal of Computing Technologies (JCT)* [[www.jctjournals.com](http://www.jctjournals.com)].
- 192) Editorial Board Member & Reviewer, *Journal of Applied Pharmaceutical Science (JAPS)* [[www.japsonline.com](http://www.japsonline.com)].
- 193) Editorial Board Member, *Global Journal of Research and Review (GJRR)* [[www.gjrr.org](http://www.gjrr.org)].
- 194) Editorial Board Member and Review Committee Member, *International Journal of Global Science Research (IJGSR)* [[www.ijgsr.com](http://www.ijgsr.com)].
- 195) Editorial Board Member and Honorary Reviewer, *International Journal of Medical and Health Sciences Research (IJMHSR)*, Pak Publishing Group [[www.pakinsight.com](http://www.pakinsight.com)].
- 196) Editorial Board Member, *Advanced Research in Engineering Sciences (ARES)* [[www.aresjournal.org](http://www.aresjournal.org)].
- 197) Editorial Board Member, *International Journal of Ayurveda and Pharmaceutical Chemistry (IJAPC)* [[www.ijapc.com](http://www.ijapc.com)], Publication of Greentree Group.
- 198) Editorial Board Member, *International Journal of Research in Earth and Environmental Sciences (IJREES)* [[www.ijsk.org/ijrees.html](http://www.ijsk.org/ijrees.html)].
- 199) Editorial Board Member, *International Journal of Research in Agriculture and Food Sciences (IJRAFS)* [[www.ijsk.org/ijrafs.html](http://www.ijsk.org/ijrafs.html)].
- 200) International Reviewer Panelist, *American Journal of Advanced Drug Delivery (AJADD)* [[www.ajadd.co.uk](http://www.ajadd.co.uk)].
- 201) Editorial Board Member, *International Journal of Sciences and Applied Research (IJSAR)* [[www.ijsar.in](http://www.ijsar.in)].
- 202) Reviewer and Content Editor, *International Journal of Innovative Science & Applied Engineering Research (IJISAER)* [[www.ijisaer.com](http://www.ijisaer.com)].
- 203) Editorial Board Member, *Journal of Advances in Agriculture (JAA)* [[www.cirjaa.com](http://www.cirjaa.com)].

- 204) Editorial Board Member, *Bulletin of Pharmaceutical and Medical Sciences (BOPAMS)* [[www.bopams.com](http://www.bopams.com)].
- 205) Reviewer Member, *American Journal of PharmTech Research (AJPTR)* [[www.ajptr.com](http://www.ajptr.com)].
- 206) Honorary Editorial Board Member, *Scientia Research Library (SRL)* [[www.scientiaresearchlibrary.com](http://www.scientiaresearchlibrary.com)].
- 207) Editorial Board Member, *International Journal of Comprehensive Research in Biological Sciences (IJCRBS)* [[www.ijcrbs.com](http://www.ijcrbs.com)].
- 208) Editorial Board Member, *International Journal of Applied Science- Pubicon International Publication* ([www.pubicon.com](http://www.pubicon.com), [www.ijas.org.uk](http://www.ijas.org.uk)).
- 209) Editorial Board Member, *Academician's Research Center (ARC)* 'Online' journals ([www.arcjournals.org](http://www.arcjournals.org)).
- 210) Editorial Board Member, *European Journal of Biomedical and Pharmaceutical Sciences (EJBPS)* [[www.ejbps.com](http://www.ejbps.com)].
- 211) Editorial Board Member, *International Journal of Science, Engineering and Technology (IJSET)*, International Journal Publications and Research Consultancy, Jaipur, Raj., India [[www.ijset.in](http://www.ijset.in)].
- 212) Editorial Board Member, *International Journal of Research in Pharmacy and Biosciences (IJRPB)* [[www.ijrpb.com](http://www.ijrpb.com)], Sryahwa Publications.
- 213) Editorial Board Member, *International Journal of Ethics in Engineering & Management Education (IJEEM)* [[www.ijeem.com](http://www.ijeem.com)].
- 214) Editorial Board Member, *International Journal of Research and Review (IJRR)*, Galore Knowledge Publication Pvt. Ltd., India [[www.gkpublication.in](http://www.gkpublication.in)].
- 215) Editorial Board Member, *G- Journal of Environmental Science and Technology (GJEST)* [[www.gjestenv.com](http://www.gjestenv.com)].
- 216) Editorial Board Member and Reviewer, *International Journal of Applied and Pure Science and Agriculture (IJAPSA)* [[www.ijapsa.com](http://www.ijapsa.com)].
- 217) Editorial Board Member, *International Journal of Research and Review (IJRR)*, Galore Knowledge Publication Pvt. Ltd., India [[www.gkpublication.in](http://www.gkpublication.in), [www.gkpublication.org](http://www.gkpublication.org)].
- 218) Editorial Board Member, *GBS Publishers & Distributors (I)* [[www.gbspublisher.com](http://www.gbspublisher.com)].
- 219) Member of Reviewer Panel, *Journal of Infertility and Reproductive Biology (JIRB)*, Dorma Journals [[www.jirb.com](http://www.jirb.com)].
- 220) Member of Editorial Board/ Reviewer/ Advisory Board, *International Journal of Pharmacy and Pharmaceutical Research (IJPPR)* [[www.ijppr.humanjournals.com](http://www.ijppr.humanjournals.com)].
- 221) Member of Editorial Board, *Journal of Laboratory Sciences (JOLSC)* [[www.jolsc.com](http://www.jolsc.com)].
- 222) Editorial Board Member, *International Journal of Research Studies in Microbiology and Biotechnology*, Academicians' Research Center (ARC), India.
- 223) Editorial Board Member, *International Journal of Research- GRANTHAALAYAH (IJRG)*, ISO 9001:2008 Certified journal [[www.granthaalayah.com](http://www.granthaalayah.com)].
- 224) Editorial Board Member, *International Journal of Multidisciplinary Research & Modern Education, R&D Modern Research Publication*, Permabalar, Tamil Nadu, India ([www.rdmodernresearch.org](http://www.rdmodernresearch.org)).
- 225) Editorial Board Member, *International Journal of Scientific Research in Science and Technology (IJRSRT)* [[www.ijrst.com](http://www.ijrst.com)].
- 226) Editorial Board Member, *World Journal of Engineering Research and Technology (WJERT)* [[www.wjert.org](http://www.wjert.org)].
- 227) Editorial Board Member, *World Journal of Clinical Pharmacology, Microbiology and Toxicology (WJCPMT)* [[www.wjcpmt.com](http://www.wjcpmt.com)].
- 228) Editorial Board Member, *International Journal of Contemporary Pathology (IJOCP)* [[www.ijcp.co](http://www.ijcp.co)].
- 229) Editorial Board Member, *International Journal of Contemporary Microbiology (IJOCM)* [[www.ijcm.co](http://www.ijcm.co)].
- 230) Editorial Board Member, *International Journal of Recent Research and Applied Studies (IJRRAS)* [[www.ijrras.com](http://www.ijrras.com)].
- 231) Editorial Board Member, *International Journal of Medical Microbiology and Tropical Diseases (IJMMTD)*, INNOVATIVE PUBLICATION, New Delhi [[www.innovativepublication.com](http://www.innovativepublication.com)].
- 232) Editorial Board Member, *Research Journal of Microbiology* (Science International).
- 233) Editorial Board Member, *International Journal of Research in Pharmacy and Chemistry (IJRPC)* [[www.ijrpc.com](http://www.ijrpc.com)].
- 234) Editorial Board Member, *International Journal of Pharmaceutical, Chemical and Biological Sciences (IJPCBS)* [[www.ijpcbs.com](http://www.ijpcbs.com)].
- 235) Editorial Board Member, *PARIPEX- Indian Journal of Research* ([www.worldwidejournals.com/paripex](http://www.worldwidejournals.com/paripex)).
- 236) Editorial Board Member, *Indian Journal of Applied Research* ([www.worldwidejournals.com/ijar](http://www.worldwidejournals.com/ijar)).



- 237) Editorial Board Member, *International Journal of Scientific Research* ([www.worldwidejournals.com/ijsr](http://www.worldwidejournals.com/ijsr)).
- 238) Editorial Board Member, *Global Journal of Research Analysis International* ([www.worldwidejournals.com/gr](http://www.worldwidejournals.com/gr)).
- 239) Editorial Board Member, *International Journal of Oceanography & Aquaculture (IJOAC)*, MEDWIN PUBLISHERS [[www.medwinpublishers.org/IJOAC](http://www.medwinpublishers.org/IJOAC)].
- 240) Editorial Board Member, *SK International Journal of Multidisciplinary Research Hub*, SK Publisher ([www.skpublisher.com](http://www.skpublisher.com)).
- 241) Editorial Board Member, *Pharmaceutical and Biological Evaluations* ([www.onlinepbe.com](http://www.onlinepbe.com)).
- 242) Editorial Board Member, *International Journal of Trend in Research and Development (IJTRD)* [[www.ijtrd.com](http://www.ijtrd.com)].
- 243) Editorial Board Member, *International Journal of Medical Research and Pharmaceutical Sciences (IJMRPS)* [[www.ijmrpsjournal.com](http://www.ijmrpsjournal.com)].
- 244) Editorial Board Member, *International Journal of Scientific Research in Biological Sciences (IJSRBS)* [[www.isroset.org/journal/IJSRBS/](http://www.isroset.org/journal/IJSRBS/)].
- 245) Editorial Board Member, *International Journal of Recent Engineering Research and Development (IJRERD)* [[www.ijrerd.com](http://www.ijrerd.com)].
- 246) Editorial Board Member, *Journal of Innovations in Pharmaceuticals and Biological Sciences (JIPBS)* [[www.jipbs.com](http://www.jipbs.com)].
- 247) Editorial Board Member, *Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences (RJLBPCS)* [[www.rjlbpcs.com](http://www.rjlbpcs.com)].
- 248) Editorial Board Member, *ARC Journal of Pharmaceutical Sciences* [[www.arcjournals.org](http://www.arcjournals.org)], Academicians' Research Center (An ISO 9001:2008 Certified Company).
- 249) Reviewer Board member, *Advances in Animal and Veterinary Sciences (AAVS)* [[www.nexusacademicpublishers.com](http://www.nexusacademicpublishers.com)], NEXUS Academic Publishers.
- 250) Editorial Board Member, *International Research Journal of India (IRJI)* [[www.irji.in](http://www.irji.in)].
- 251) Editorial Board Member, *International Research Journal of Advanced Engineering and Science (IRJAES)* [[www.irjaes.com](http://www.irjaes.com)].
- 252) Editorial Board Member, *International Research Journal of Pharmacy and Chemistry (IRJPC)* [[www.irjpc.com](http://www.irjpc.com)].
- 253) Editorial Board Member, *The Recent Advances in Academic Science Journal (RAASJ)* [[www.raasjournal.com](http://www.raasjournal.com)].
- 254) Editorial Board Member, *International Journal of Veterinary Sciences (IJVS)*, Kiban Research Publications, India [[www.kibanresearchpublications.com.index.php/IJVS](http://www.kibanresearchpublications.com.index.php/IJVS)].
- 255) Editorial Board Member, *International Journal of Advanced Engineering Research and Science (IJAERS)* [[www.ijaers.com](http://www.ijaers.com)].
- 256) Editorial Board Member, *Journal of Bioscience and Technology (JBST)* [[www.jbstonline.com](http://www.jbstonline.com)].
- 257) Editorial Board Member, *Medical Biochemistry Journal (MBJ)* [[www.IndianJournals.com](http://www.IndianJournals.com)].
- 258) Editorial Board Member, *BIOLIFE- International quarterly journal of Biology and Life Sciences* [[www.biolifejournal.com](http://www.biolifejournal.com)].
- 259) Editorial Board Member, *Journal of Inventions in Biomedical and Pharmaceutical Sciences (JIBPS)* [[www.jibps.com](http://www.jibps.com)].
- 260) Editorial Board Member, *International Journal of Environment, Agriculture and Biotechnology (IJEAB)* [<http://ijeab.com/editorial-board/>].
- 261) Editorial Board Member, *Acta Scientific (AS) Agriculture* ([www.actascientific.com/ASAG-EB.php](http://www.actascientific.com/ASAG-EB.php)), Acta Scientific Publications (OPC) Pvt. Ltd.
- 262) Editorial Board Member, *Journal of Microbiology and Biotechnology Reports (JMBR)* [<https://www.pulsus.com/journal-microbiology-biotechnology-reports.html>], Pulsus Group, Singapore.

#### MEMBERSHIP OF SCIENTIFIC SOCIETIES/BODIES

##### National

- i) Life Membership in *Indian Veterinary Association (IVA)* [LMIVA Membership No.: 094]
- ii) Life membership in *Indian Association for Advancement of Veterinary Research (IAAVR)* [Sl. No. S-164; R.No. 324].
- iii) Life Membership in *Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases (IAVMI)* [Membership No. 3113].
- iv) Life Membership in *Indian Public Health Association (MIPHA No. L/2010/WB/5353)*.
- v) Life Membership and Proposer for new aspiring Life Members in *Veterinary Public Health Association (MVPHA No. 80/2010)*.

- vi) Life Subscription in *The Indian Veterinary Journal* (LMIVA ID# 4860) published by *Indian Veterinary Association (IVA)*.
- vii) Life Membership in *The Indian Science Congress Association (ISCA)* [Membership No.: L18066].
- viii) Life Membership with Journal facility in *The Zoological Society (LMJZS)* [Membership No.: L/G-9].
- ix) Life Membership in *Association for Prevention and Control of Rabies in India (APCRI)* [LMNo.577].
- x) Life Membership in *Laboratory Animal Scientist's Association of India (LASAI)*[Regd. No.9258].
- xi) Life Membership in *Society for Immunology and Immunopathology (SIIP)* [Membership No.: 265].
- xii) Life Membership in *The Association of Microbiologists of India (AMI)* [Life Membership No.: 3147-2011].
- xiii) Life Membership in the *Indian Poultry Science Association (IPSA)* [Membership No.: 14/2011].
- xiv) Life Membership in the *Association of Public Health Veterinarians (APHV)* [Life Membership No.: APHV-398].
- xv) Life Member and Recommender for new aspiring Life Members in the *Association of Pharmacy Professionals (LAPP)*[APP/WB/LM-005/13].
- xvi) Life Member of *Pharma Research Library, India* (Publisher of International peer-reviewed and online based journals) [PRL 2013/LM-1672].
- xvii) Life Member of *Research Scholar Hub, India*(Publisher of International peer-reviewed and online based journals) [RSH/IN/WB/LM-01/2013].
- xviii) Life Member of *Scientific Planet Society (SPS)*, Dehradun, Uttarakhand, India in category: *Life Sciences* (Registered under Societies Act) [Registration No. SPS/LM/LS/146, dated 20.02.2015].
- xix) Life Member of *Scholars Academic and Scientific Society (SASS)* [Membership No.: SAS/LMSASS/13].
- xx) Life Member and Regional coordinator for Rajasthan circle of *D.K. International Research Foundation* [a non-profit organization], Permabalur, Tamilnadu, India [Membership No. MDKIRF – 013]. Honorary Recommender and nominator of eligible candidates from various institutions of India for various Annual award categories of DKIRF. Till now recommended Eighteen (18) new promising candidates from *Sher-e-Kashmir University of Agricultural Sciences and Technology-Kashmir, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, Chattisgarh Kamdhenu University, Anjora, Durg, VUTRC, College of Veterinary Science, Bikaner, Arawali Veterinary College, Rajasthan University of Veterinary and Animal Sciences, Sikar and Shri Pushtikar Shri Purohit Soorajraj Roopadevi Smriti Mahila Mahavidyalaya, Jai Narain Vyas University, Jodhpur, India*).
- xxi) Annual Subscription in *Fishing Chimes- The National Fisheries Journal of India* (Subscription No. 4197).
- xxii) Online registration in *Indian National Science Academy (INSA)* [User name: insa\_8651].
- xxiii) Online subscriber of *Society for Applied Biotechnology* [Username: ganguly38].
- xxiv) Subscription in *Pashudhan news Journal* (Subscription No. 21296 (SB); valid until 08-02-2013), *Pahupalan Varta (in Hindi)* and *Madhya Bharat Krishak Bharti (in Hindi)*.
- xxv) Online registration in *IndianJournals.com*(Username: [ganguly38](#)).
- xxvi) Online subscriber of *Indian Journal of Public Health* (Username: [ganguly38](#)).
- xxvii) Online subscriber of the *Indian Journal of Animal Sciences* and the *Indian Journal of Fisheries*(Publications / Periodicals of ICAR) (Username: drsg).
- xxviii) Online subscriber of *Central Marine Fisheries Research Institute (CMFRI)* digital Library & publications, Cochin.
- xxix) Online registration in *Trends in Bio-Sciences- Scientific Journal of Bio-Sciences* (Username: [ganguly38](#)).
- xxx) Online registration/ subscriber of the *Journal of Indian Medical Association* (Username: [ganguly38](#)).

#### International

- i) Life Member of the *International Journal of Agricultural Sciences (IJAS)* [Life Membership No.:IJAS/L/04/12].
- ii) Accredited Member of the *International Society of Zoological Sciences* (Membership No.1039-I)
- iii) Life Member of *International Journal of Recent Biotechnology (IJRB)* [Life Membership No.IJRB/2013/22023].
- iv) Life Member of *International Journal of Pure & Applied Bio Science (IJPAB)* [Life Membership No.IJPAB/2013/22026].
- v) Life Member of *International Journal of Pharmacy and Biomedical Research (IJPBR)*.
- vi) Annual Member of *Asian Journal of Bioscience* [Membership No. AJBS/087/14; w.e.f Jan-Dec'14]
- vii)Subscriber of *Animal Science Reporter* (journal).
- viii) Online Subscriber of *World Veterinary Association (WVA)*.

- ix) Online Member of *British Veterinary Association (BVA)*.
- x) Online Member of *International Veterinary Information System (IVIS)* [Member code: Ganguly].
- xi) Online Subscriber of *Wildlife Middle East (WME) News*.
- xii) Registered to 'Open Access (OA) Policy' of the *Israeli Journal of Aquaculture-Bamidgeh* published by the Society of Israeli Aquaculture and Marine Biotechnology (SIAMB) [Username: ganguly38].
- xiii) Online Subscriber of all *SpringerLink Journals / Journal issues at SpringerLink.com* [Username: ganguly38].
- xiv) Online Subscriber of *Indian Journal of Microbiology (Official publication of the Association of Microbiologists of India); SpringerLink Journal* [Username: ganguly38].
- xv) Online Subscriber of *Indian Journal of Pathology & Microbiology* (Official publication of Indian Association of Pathologists and Microbiologists) [Username: ganguly38].
- xvi) Online Subscriber of all *Elsevier Journals / Journal issues at Elsevier.com* [Username: ganguly38].
- xvii) Online Subscriber of *ScienceDirect Journals* [Username: subhaganguly].
- xviii) Online Subscriber of *Wiley-Blackwell Journals* [Username: ganguly38].
- xix) Online subscriber of *BioMed Central Open Access Journal Policy* [Username: ganguly38].
- xx) Online subscriber of *CABI journals/abstracts (www.cabi.org)*.
- xxi) Online subscriber for *Veterinary Record- Journal of the British Veterinary Association* (Username: [ganguly38@gmail.com](mailto:ganguly38@gmail.com)).
- xxii) Online subscriber of *Science Alert journals (www.scialert.com)*.
- xxiii) Online subscriber of *International Scholarly Research Network (journals)*.
- xxiv) Online subscriber of *Agriculture & Food Security* (Biomed Central journal).
- xxv) Online monthly newsletter subscriber to *World Society for the Protection of Animals (WSPA International)*.
- xxvi) Subscriber of *Animal Science Reporter* (International journal of animal science research).
- xxvii) Online subscriber of *InterSci Journals series (www.intersci.info)*.
- xxviii) Online subscriber of *nature.com (www.nature.com)*.
- xxix) Online subscriber for *WebmedCentral.com (www.webmedcentral.com)* [Username: ganguly38].
- xxx) Subscriber of *MehtaPress.com journals (www.mehtapress.com/journals)*.
- xxxi) Online subscriber of *Herbalencyclo.com*- a herbal blog.
- xxxii) Online subscriber of *Veterinary Science Development (http://www.pagepress.org/journals)*.
- xxxiii) Online subscriber of *www.goodmorningheart.com*- blog for heart care, healthy food, cholesterol control etc.
- xxxiv) Online subscriber of *Dovepress journals*- open access to scientific and medical research ([www.dovepress.com](http://www.dovepress.com)).
- xxxv) Online subscriber/ registration in *ThePoultrySite (www.thepoultrysite.com)*.
- xxxvi) Online subscriber of the *International Journal of Chemical and Biochemical Science (IJCBS)*. Published by International Scientific Organization (<http://iscientific.org/Journal.html>).
- xxxvii) Online subscriber of *Scientia Publications (www.assobp.org/scientiapublication)*.
- xxxviii) Online subscriber of *Innovative Journal of Medical and Health Sciences (http://www.innovativejournal.in/index.php/ijmhs)* [Username: ganguly38].
- xxxix) Online subscriber/ user of the *BioPublisher*- An open access publishing platform and the *International Journal of Molecular Zoology (http://bio.sophiapublisher.com/)* [Username: ganguly38].
- xxxx) Online subscriber of the *Journal of Scientific Research in Pharmacy (http://www.jsrponline.com/)* [Username: ganguly38].
- xxxxi) Online subscriber of the *International Journal of Current Science (www.currentsciencejournal.info/)*.
- xxxxii) Online subscriber of *Open Access Animal Physiology (http://www.dovepress.com/)*.
- xxxxiii) Online subscriber of *Research and Reports in Biology (http://www.dovepress.com/)*.
- xxxxiv) Online subscriber of *GlobalEthics.net*- a global network of persons and institutions interested in various fields of applied ethics. It offers access to a large number of resources on ethics, especially through its leading global digital ethics library and facilitates collaborative web-based research, conferences, online publishing and information sharing ([www.globethics.net](http://www.globethics.net)).
- xxxxv) Online LinkedIn ([www.linkedin.com/group](http://www.linkedin.com/group)) member of professional societies/groups: 'Ethical veterinarian and animal service professionals', 'The Society for Industrial Microbiology (SIIM)', 'Vet Connect', 'World Antibiotics Society', 'International Veterinary Biosafety Work Group', 'Pharmacology and Physiology', 'Parasitology interest group', 'Laboratory & Bio Tech Professionals' group, 'The International Association of Seafood Professionals' (IAFI), 'Gene Therapy Network', 'Professionals in the Pharmaceutical and Biotech Industry group', 'LIMS forum, the professional network for LIMS, Laboratory, Scientific & Health Informatics', 'Sub-Saharan African Veterinary Initiative group', 'NeuroScience Network', 'Microbiology Professionals', 'Intas Polivet', 'European

Animal Health Professionals', 'Poultry Science Network', 'RD Vets (Careers for Vets in R&D)', 'The Aspergillus & Aspergillosis Group', 'National Wildlife Federation', 'Preclinical Toxicology Consultation Network', 'International Toxicologic Pathology Network', 'Regulatory Topics in Toxicologic Pathology', 'Toxicologic Pathology of anticancer drugs', 'Biotechnology', 'Vaccine Professionals Group', 'Virus Vectors', 'Biodefense', 'Towards a cure: HIV Reservoirs Network', 'Influenza @ Oxford', 'Preclinical Biologics Researchers', 'Drug Discovery Services Outsourcing', 'Animal Health, Nutrition and Production Professionals'. 'Drug Discovery & Development Professionals', American Biological Safety Association', 'Laboratory Animal Sciences', 'Safety in Drug Development', 'The Toxicology Forum', 'Laboratory Animal Veterinarian Mentoring Network', 'Veterinary Pathologist', 'AALAS', 'Veterinary public health consultants', 'Journal Drug Metabolism & Toxicology (OMICS Publishing Group, LA)', 'Digital Pathology', 'Rapid Microbiology Methods', 'Global Pathologists' Forum', 'Biotechnology Research Fundation', 'Journal of Veterinary and Animal Sciences', 'Wilolud Journals', 'CKMNT, India' offering comprehensive one-stop nanoscience and nanotechnology information services, 'Marigold&Paprika extracts for egg yolk and broiler skin pigmentation', 'Indian Vet Market Reports- Veterinary Market Research', 'Livestock Bangladesh- A group of livestock development, promotion, collaboration and betterment', 'Ayurved Limited', 'Indian Biosciences and Research Institute, Noida', 'International Journal of Basic and Clinical Pharmacology', 'LSW LifeScienceWorld ([www.lifescienceworld.in](http://www.lifescienceworld.in))- an Online Magazine from India on Pharma and Biotech industry', 'Outlook on developing Drugs: Open Access Group on LinkedIn', 'International Journal of Current Science', 'International Journal of Advanced Research', 'Sciknow Publications', 'World Aquaculture Society', "Global Network of Doctorates" - an exclusive group of highly accomplished people having Ph.D. degree(Hon'ble President: Prof. Dr. Kamal Kant Dwivedi, Global Academy of Doctorates and Founder, Global Network of Doctorates) and numerous National and International journals and online scientific societies (Username: [drsganguly1982@indiatimes.com](mailto:drsganguly1982@indiatimes.com)).

xxxxv) Online Facebook ([www.facebook.com](http://www.facebook.com)) member of animal/pet care groups 'Indian Animal Forum', 'All Animal Lovers', 'Adopt Happiness', 'India Petfinder', 'Save Our Strays', 'In Defense of Animals (IDA) India', 'Bombay Society for Prevention of Cruelty to Animals (BSPCA), Mumbai', 'VDA Veterinary Development Association', 'International Poultry Council', 'Federation of European Companion Animal Veterinary Association (FECAVA)', 'Poultry Federation India (PFI)', 'Irish Society of Poultry Fanciers', 'World For All/Save The Helpless Animals of Mumbai', 'Visakha Society For Protection and Care For Animals (VSPCA)', 'Best Friends Animal Society', 'Save the Tiger', 'Cancer Pet Forum', ARCC Journals (Karnal, Haryana, India), *Obhoyanonno*- Bangladeshi Animal Welfare Society, 'Genetic engineering and Biotechnology News', 'World Society for the Protection of Animals'and numerous online National and International (European, Latin and South Americas) Veterinary and Poultry associations/societies of importance. Subscribed to '*International Journal of Basic and Clinical Pharmacology*', 'International Primary Care Association (IPCA)' for General Practitioners in primary care, 'Medical Law Review', 'Advances in Pharmacoepidemiology & Drug Safety', 'International Research Journal of Pharmacy', 'International Society of Zoological Sciences', 'International Journal of Current Microbiology and Applied Sciences', 'Indian Council of Agricultural Research', 'International Journal of Advanced Research', 'American Journal of Case Reports', 'Sciknow Publications', 'World Aquaculture Society', 'Microbiology' Group, 'Virology Online' and numerous National and International journals and online scientific societies(Username: [ganguly38@gmail.com](mailto:ganguly38@gmail.com)).

## LIST OF PUBLICATIONS

### BOOKS/MONOGRAPHS AUTHORED

- 1) Ganguly, Subha; Das, R. and Mukhopadhyay, S. K. (2011a) Viral Infection in Large Ruminants. LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany [ISBN 978-3-8443-9398-9] (Member of the *German PEN Centre's Friends' Association*; [www.lap-publishing.com](http://www.lap-publishing.com)).
- 2) Ganguly, Subha and Mukhopadhyay, S. K. (2011b) Immunostimulants, Probiotics and Prebiotics. LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany [ISBN 978-3-8454-0271-0] ([www.lap-publishing.com](http://www.lap-publishing.com)).
- 3) Ganguly, Subha and Mukhopadhyay, S. K. (2011c) Nanotechnology in Veterinary Science. *Formerly* VDM Verlag Dr. Müller GmbH & Co. KG, *now Company profile changed to* AV Akademikerverlag [ISBN 978-3-639-36913-7] (<https://www.akademikerverlag.de/?locale=gb>).
- 4) Prasad, Arun; Soman. J. P. and Ganguly, S. (2011) Fowl Typhoid. *Formerly* VDM Verlag Dr. Müller GmbH & Co. KG, *now Company profile changed to* AV Akademikerverlag [ISBN 978-3-639-37564-0] (<https://www.akademikerverlag.de/?locale=gb>).
- 5) Paul, I.; Isore, D.P. and Ganguly, S. (2012) Immunomodulatory effect of yeast cell wall preparation in broiler. LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany [ISBN 978-3-8454-2929-8] ([www.lap-publishing.com](http://www.lap-publishing.com)).

- 6) Ganguly, S. (2012a) Food Microbiology. LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany [ISBN 978-3-8484-8217-7] ([www.lap-publishing.com](http://www.lap-publishing.com)).
- 7) Ganguly, Subha (2012b) Food Processing Technology. AV Akademikerverlag GmbH & Co. KG, Saarbrücken, Germany with trademark LAP LAMBERT Academic Publishing [ISBN 978-3-8383-8653-9] ([www.lap-publishing.com](http://www.lap-publishing.com)).
- 8) Prasad, Arun and Ganguly, Subha (2012) Herbal Immunomodulators. AV Akademikerverlag GmbH & Co. KG, Saarbrücken, Germany with trademark LAP LAMBERT Academic Publishing [ISBN 978-3-659-30401-9] ([www.lap-publishing.com](http://www.lap-publishing.com)).
- 9) Ganguly, Subha (2013) Wildlife Trafficking. AV Akademikerverlag GmbH & Co. KG, Saarbrücken, Germany with trademark LAP LAMBERT Academic Publishing [ISBN 978-3-659-31748-4] ([www.lap-publishing.com](http://www.lap-publishing.com)).
- 10) Ganguly, Subha (2013a) A Handbook on Vaccines and Biologicals as Prophylactics. 1st Edition. *International E-Publication* [ISBN 978-81-927544-1-3]. Official E-Book (Section: Animal, Veterinary & Fishery Sciences) publication of the *International Science Community Association*, Indore, UP, India. ISCA Registered under *Ministry of Corporate Affairs, Govt. Of India* ([www.isca.in](http://www.isca.in)). International E-Publication Registered publisher under *MHRD, Govt. Of India* ([www.isca.co.in](http://www.isca.co.in)). International E-Publication Books are indexed in Google Play and Google Books.
- 11) Ganguly, Subha (2013b) A Handbook on Experimentally Proven Non-Antibiotic Growth Promoters as Feed Additives in Animal Nutrition. 1st Edition. *International E-Publication* [ISBN 978-81-927544-3-7]. Official E-Book (Section: Animal, Veterinary & Fishery Sciences). Publication of the *International Science Community Association*, Indore, UP, India. ISCA Registered under *Ministry of Corporate Affairs, Govt. Of India* ([www.isca.in](http://www.isca.in)). International E-Publication Registered publisher under *MHRD, Govt. Of India* ([www.isca.co.in](http://www.isca.co.in)). International E-Publication Books are indexed in Google Play and Google Books.
- 12) Ganguly, Subha (2013c) A Handbook on Traditional Medicinal Plants, Herbs and Fruits in Indian Agriculture and Forestry. 1st Edition. *International E-Publication* [ISBN 978-81-927544-5-1]. Official E-Book (Section: Agriculture & Forestry Sciences). Publication of the *International Science Community Association*, Indore, UP, India. ISCA Registered under *Ministry of Corporate Affairs, Govt. Of India* ([www.isca.in](http://www.isca.in)). International E-Publication Registered publisher under *MHRD, Govt. Of India* ([www.isca.co.in](http://www.isca.co.in)). International E-Publication Books are indexed in Google Play and Google Books.
- 13) Ganguly, Subha (2013a) A Handbook on Basic and Clinical Toxicology of Livestock, Birds and Fishes. *Research India Publications [RIP]* [ISBN 978-81-924218-7-2]. ([www.rippublication.com](http://www.rippublication.com)).
- 14) Ganguly, Subha (2013b) Fundamentals of Fish Immunostimulants. *Research India Publications [RIP]* [ISBN 978-81-89476-07-6]. ([www.rippublication.com](http://www.rippublication.com)).
- 15) Ganguly, Subha (2013c) Recent Advances in Food Processing Technology. *Research India Publications [RIP]* [ISBN 978-81-89476-19-X]. International Publishers, distributors and subscription agents of books and research journals from Delhi, India dedicated to global dissemination of information ([www.rippublication.com](http://www.rippublication.com)).
- 16) Ganguly, Subha (2014a) A Laboratory Manual on Virology and Tissue Culture Techniques. *Narendra Publishing House [NPH]*, Delhi, India [ISBN 978-93-82471-73-8]. [Website: [www.nphindia.com](http://www.nphindia.com)]. Publishers & Distributors from Delhi, India for quality and knowledge based books on subjects Agriculture, Aquaculture, Bioscience, Dairy Science, Fisheries Science, Veterinary Science and Zoology from Delhi, India].
- 17) Ganguly, Subha (2014b) Potential and Recommended Feed Additives for Sustainable Aquaculture, Livestock and Poultry Farming Practices. *Narendra Publishing House [NPH]*, Delhi, India [ISBN 978-93-82471-75-2]. [Website: [www.nphindia.com](http://www.nphindia.com)].
- 18) Ganguly, Subha (2014c) Food Processing and Quality Control. *Narendra Publishing House [NPH]*, Delhi, India [ISBN 978-93-82471-74-5] [Website: [www.nphindia.com](http://www.nphindia.com)].
- 19) Ganguly, Subha (2014d) Food Microbiology, Processing Technology and Feed Additives. *Daya Publishing House*. Astral International (P) Ltd. An ISO 9001:2008 Publishing House in the various fields like Agriculture, Veterinary, Rural Development, Fisheries, Horticulture, Food Sciences and many more subjects. Co-partnering with exemplary educational institutions in bringing out their work such as the likes of FAO, Rome, NAM, S&T Centre, India and many more. Providing the E-Books platform on the aforesaid subjects in India [ISBN 978-93-5124-349-6] (Website: [www.astralint.com](http://www.astralint.com)).
- 20) Ganguly, Subha and Verma, Deepmala (2015) A Guide Book on Biological, Pharmaceutical and Chemical Implications of Various Indigenous Plants, Herbs and Fruits in Traditional and Alternative Medicine Practices (First Edition). Book Publication of *Society of Education*, Agra, India [ISO 9001:2008] [ISBN 978-81-931748-2-1] (Website: [www.soeagra.com](http://www.soeagra.com)).
- 21) Ganguly, Subha (2017a) Food Processing and Packaging Technology. 1st Edition. *Ideal International E-Publication* [ISBN 978-81-934005-1-7]. Official E-Book (Section: Agriculture and Forestry Sciences). Publication of the *International Science Community Association*, Indore, UP, India. ISCA Registered under *Ministry of Corporate Affairs, Govt. Of India* ([www.isca.in](http://www.isca.in)). Ideal International E-Publication Registered publisher under *MHRD, Govt. Of India* ([www.isca.co.in](http://www.isca.co.in)). Ideal International E-Publication Books are indexed in Google Play and Google Books.
- 22) Ganguly, Subha (2017b) A Handbook on the Diagnostic Approach to Mycotic Diseases of Livestock and Poultry Birds. 1st Edition. *Ideal International E-Publication* [ISBN 978-81-934005-2-4]. Official E-Book (Section: Animal, Veterinary & Fishery Sciences). Publication of the *International Science Community Association*, Indore, UP, India. ISCA Registered under *Ministry of Corporate Affairs, Govt. Of India* ([www.isca.in](http://www.isca.in)). Ideal International E-Publication Registered publisher under *MHRD, Govt. Of India* ([www.isca.co.in](http://www.isca.co.in)). Ideal International E-Publication Books are indexed in Google Play and Google Books.
- 23) Ganguly, Subha (2017c) Herbal Antioxidant Agents and its Pharmacological and Medicinal Properties. 1st Edition. Publisher: *Research maGma Group*, Solapur (Maharashtra), India. ISBN 978-1-365-90767-

8. Website: [www.researchmagma.com](http://www.researchmagma.com). Book available online on Google+ <https://plus.google.com/u/1/b/114384125431927122030/?pageId=114384125431927122030>
- 24) Ganguly, Subha (2017d) A Student Compendium on Arthropod-borne Viral Diseases of Economic and Zoonotic Importance Affecting Domestic Animals. 1st Edition. Publisher: *Research maGma Group*, Solapur (Maharashtra), India. **ISBN**978-1-365-96846-4. Website: [www.researchmagma.com](http://www.researchmagma.com).
- 25) Ganguly, Subha (2017e) Current Trends in Food Microbiology, Feed Supplements and Biological Growth Promoters. *Jaya Publishing House [NPH]*, Delhi, India [**ISBN** 978-93-86110-68-8].
- 26) Ganguly, Subha and Roy, Satarupa (2017a) A Student Handbook on Spirochaetes, Rickettsiae, Chlamydia and General and Pathogenic Mycology. 1st Edition. Publisher: *Research maGma Group*, Solapur (Maharashtra), India. **ISBN**978-1-365-96132-8. Website: [www.researchmagma.com](http://www.researchmagma.com). Book available online on Google+.
- 27) Ganguly, Subha and Roy, Satarupa (2017b) A Student Handbook on Slow Virus Infections and Prion Diseases of Domestic Animals. 1st Edition. Publisher: *Research maGma Group*, Solapur (Maharashtra), India. **ISBN**978-1-365-96130-4. Website: [www.researchmagma.com](http://www.researchmagma.com). Book available online on Google+.
- 28) Ganguly, Subha and Sunita (2017) A Student Reference Book on the Basic Concepts in Microbial Biotechnology (Eds. Abulude Francis Olawale (Editor-in-Chief; President & CEO, SEDInst), Balogun G. A. Sanni, Prof. Mohammad S. Mubarak, Prof. T. T. Adebolu, Prof. Francisco Torrens, Hon. Niji Jones Akinyugha, Prof. V. A. Aletor, Mr. Sola Akitimehin, Prof. E. A. Aderinola). Official Book publication of *Science and Education Development Institute ([www.sedinst.com](http://www.sedinst.com))*, Akure Ondo State, Nigeria. **ISBN**978-978-54770-6-1. **DOI**: 10.5281/zenodo.831233
- 29) Ganguly, Subha (2018a) Heavy Metal and Insecticide Toxicity in Animals and Poultry Birds. *Agri-BioVet Press* (an unit of *Prashant Book Agency*), Daryaganj, New Delhi, India. Specialist in library suppliers of scientific, agricultural, veterinary & technical books, Annual and Serial Publications. **ISBN**978-93-84502-63-8
- 30) Ganguly, Subha (2018b) Mastitis, an economically important infection in milching ruminants. *Agri-BioVet Press* (an unit of *Prashant Book Agency*), Daryaganj, New Delhi, India. Specialist in library suppliers of scientific, agricultural, veterinary & technical books, Annual and Serial Publications. **ISBN**978-93-84502-65-2
- 31) Ganguly, Subha (2018c) Recent Research Trends in Veterinary Sciences and Animal Husbandry (Volume 1). *Chief Editor: Ganguly, Subha. *AkiNik Publications*, Rohini, Delhi, India. **ISBN** 978-93-87072-37-4. **DOI Number**: <https://doi.org/10.22271/ed.book01>*
- 32) Ganguly, Subha (2018d) Latest Trends in Zoology and Entomology Sciences (Volume 1). *Chief Editor: Ganguly, Subha. *AkiNik Publications*, Rohini, Delhi, India. **ISBN**978-93-87072-34-3. **DOI Number**: <https://doi.org/10.22271/ed.book02>*
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\*Ganguly, S. is synonymous to Ganguly, Subha

Number of Books authored as Sole Author	<b>26</b>
Number of Books authored as First Author	<b>07</b>
Number of Books co-authored	<b>04</b>

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5. Editor-in-Chief for Book Title: *Advances in Veterinary Sciences*. Edition: 2018. Publisher: AkiNik Publications, Rohini, Delhi, India. Publisher of NAAS rated journals in India namely, 'Journal of Entomology and Zoology Studies', 'International Journal of Mosquito Research', 'International Journal of Chemical Studies', 'The Pharma Innovation', 'Journal of Pharmacognosy and Phytochemistry', 'International Journal of Fauna and Biological Studies', 'International Journal of Fisheries and Aquatic Studies', 'Journal of Medicinal Plants Studies', 'International Journal of Herbal Medicine' and 'European Journal of Biotechnology and Bioscience'. **Published in consecutive volumes with separate ISBN(s) and chapter DOI numbers.**

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<b>VMC - 221</b>	Veterinary Immunology and Serology	1 + 1 = 2
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<b>VMC - 321</b>	Systematic Veterinary Virology	2 + 1 = 3
<b>VLD - 411</b>	Veterinary Clinical Biochemistry and Laboratory Diagnosis-I (Section: Veterinary Microbiology)	0 + 1 = 1
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#### LABORATORY PRACTICAL MANUALS AUTHORED AS PER V.C.I. CURRICULUM (M.S.V.E. – 2016) FOR B.V.Sc. & A.H. STUDENTS

Paper No.	Unit No.	Course Title	Credit Hours
<b>Paper - I</b>	1	General and Systematic Veterinary Bacteriology	<b>3 + 2</b>
	2	Veterinary Mycology	
	3	Microbial Biotechnology	
<b>Paper - II</b>	4	Veterinary Immunology and Serology	
	5	General and Systematic Veterinary Virology	

#### EDITORIALS AND SPECIAL INVITED ARTICLES

- 1) Ganguly, S. and Mukhopadhyay, S.K. (2010) Zoonotically important skin infections of livestock causing severe economic losses to leather industry: A General Purview. *J. Indian Leather Technol. Asso.*, **LX**(12): 989-991 [*Global Institute for Scientific Information (GISI) Journal Impact factor (www.jifactor.com)* (2012) **0.7211**, Regd.No. ISSN 0019 5378, RNI No.2839/57].
- 2) Ganguly, Subha (2012) Leather processing industries generate effluents causing environmental and water pollution: An Asian perspective. *J. Indian Leather Technol. Asso.* **LXII**(12): 1133-1137 [*Global*

- Institute for Scientific Information (ISI) Journal Impact factor ([www.jifactor.com](http://www.jifactor.com)) (2012) **0.7211**, Regd.No. ISSN 0019 5378, RNI No.2839/57].*
- 3) Ganguly, Subha (2012a) Pharmacoepidemiology and drug safety with special reference to vaccines and biologicals used as diagnostics- *An Editorial. Adv. Pharmacoepidem. Drug Safety.* **1**(7): 1-2,1:e118. doi:10.4172/2167-1052.1000e118 [ISSN: 2167-1052; Publication of the OMICS Group [www.omicsgroup.org/journals/apds.php](http://www.omicsgroup.org/journals/apds.php), Indexed and archived in DOAJ, Google Scholar, Scientific Commons, Index Copernicus, EBSCO and PubMed].
  - 4) Ganguly, Subha (2013) Pangolin - Zoological characteristics and its uniqueness in mammalian group. *J. Entomol. Zool. Stud.* **1**(1): 1-2(e-ISSN: 2320-7078, p-ISSN: 2349-6800. NAAS\* Scientific Journal Rating: **5.53**. ICv **77.49**. **UGC approved journal**. Journal indexed with ISI Master List (Thomson Reuters) and its products including Index Copernicus, ZooBank, National Library of Medicine (NLM: **101641474**). InnoSpace - SJIF {Impact Factor: **2.835**}. Global Impact Factor: **0.555**. Worldcat {OCLC: **856580428**}. *Journal of Entomology and Zoology Studies* is indexed in following databases, Zoological Record (Thomson Reuters) , Directory of Open Access Journals, Indian Science Abstracts, Cite Seer, Marine Turtle Newsletter (Abstract Services), World Spider Catalog (Abstract Services), Jumping Spiders (Abstract Services), Karyotype Database by University of Texas (Abstract Services), Acrida Africa (Abstract Services), Orthoptera Species File (Orthoptera Database), ENVIS Centre on Wetland Ecosystems including Inland Wetlands, Govt. of India (Abstract Services), Coconut Time Line (Abstract Services), Google Scholar, Pest Information Wiki, AGORA (United Nations: Food and Agriculture Organization), University of Saskatchewan, Tan Sri Dr. Abdullah Sanusi Digital Library and Jour Informatics. In partnership with *East Texas Natural History Collection Museum. Journal Website:[www.entomoljournal.com/](http://www.entomoljournal.com/)*.
  - 5) Ganguly, Subha (2013) Animal trafficking for human usable products: Global perspective with highlight on Indian scenario- *An Editorial. Int. J. Livest. Res.* **3**(2): 1-4. doi: 10.5455/ijlr.20130502090008[ISSN: 2277-1964(online). NAAS\* Scientific Journal Rating: **5.36**. Global Impact Factor: **0.677**. Full Text is being indexed by CABI. IJLR is indexed in SCOPEMED, Google scholar, Index Scholar, Open J- Gate, Journal Index, DRJI and many other abstracting services. [www.ijlr.org](http://www.ijlr.org); <http://www.scopemed.org/journal.php?jid=68, my.eJManager.com/ijlr>].
  - 6) Ganguly, Subha (2013b) Biologically viable methods for food preservation. *Res. J. Chem. Env. Sci.* **1**(2): 1-2(E-ISSN: 2321-1040. Index Copernicus value (ICv) **4.08** (Poland), SJIF Impact Factor **2.527**, CODEN: RJCEA2, Indian Citation Index, Universal Impact Factor, American Standers for Journal and Research, World's cat, CAS [USA], E-Journal, Open Access Journal Search Engine, DOAJ\*, ISI Thompson Reuters Mater Journal List, Zoological Records\* [USA], CABI and Global Health, Cabell Publishing Library [UK], SCOLAR [China], Newjour, DRJI, SCOPUS\*, Proquest, etc. \*Under Processing. Official journal publication of the *Academy for Environment and Life Sciences*, Agra, UP, India, <http://www.aelsindia.com>). **Cited by** Ganguly, S. (2015) *Int.J. Recent Biotech.* **3**(1): 22-24.
  - 7) Ganguly, Subha (2013) Epitope mapping: An integral aspect in molecular immunology. *Res. J. Biotech.* **8**(6): pp. 1 [Print- ISSN 0973-6263; E-ISSN 2278-4535. Official journal publication of the *World Research Association*, Indore, UP, India, UGC listed journal indexed in Chemical Abstracts, Science Citation Index Expanded (SCIE SciSearch®), Scopus, BioTechnology Citation Index® and Journal Citation Reports/ Science Edition. SCIImpact Factor **0.233**. NAAS\* Scientific Journal Rating: **6.23**. *Journal website: [www.worldresearchjournals.com/biotech.aspx](http://www.worldresearchjournals.com/biotech.aspx)*. **Cited by** Ganguly, S. 2013b. *Int. J. Sci. Environ. Technol.* **2**(4): 642-645].
  - 8) Ganguly, Subha (2013a) Phytogetic growth promoter as replacers for antibiotic growth promoter in poultry birds- *An Editorial. Adv. Pharmacoepidem. Drug Safety.* **2**(3): e119. doi:10.4172/2167-1052.1000e119[ISSN: 2167-1052; Publication of the OMICS Group [www.omicsgroup.org/journals/apds.php](http://www.omicsgroup.org/journals/apds.php), Indexed and archived in DOAJ, Google Scholar, Scientific Commons, Index Copernicus, EBSCO and PubMed].
  - 9) Ganguly, S. (2013a) Water pollution from various sources and human infringements: An Editorial. *Indian J. Sci. Res. Technol.* **1**(1): 54-55 [ISSN: 2321-9262 (Online). Global Impact Factor: **0.4**. Directory of Science score: **21.14**. Open Access & Online International Journal. Journal approved by National Science Library (NSL), National Institute of Science Communication and Information Resources (NISCAIR), Council of Scientific and Industrial Research, New Delhi, India. Journal indexed in Google Scholar and Index Copernicus. *Website: [www.indjst.com](http://www.indjst.com)*].
  - 10) Ganguly, Subha (2013c) Feed supplements for sustainable aquaculture with special emphasis to Immunostimulant additives for prevention of disease transmission in aquatic habitats: An Editorial. *Res. J. Chem. Env. Sci.* **1**(3): 1-2[E-ISSN: 2321-1040. Index Copernicus value (ICv) **4.08** (Poland), SJIF Impact Factor **2.527**, CODEN: RJCEA2 [CAS, USA], Indian Citation Index, Universal Impact Factor, American Standers for Journal and Research, World's cat, CAS [USA], E-Journal, Open Access Journal Search Engine, DOAJ\*, ISI Thompson Reuters Mater Journal List, Zoological Records\* [USA], CABI and Global Health, Cabell Publishing Library [UK], SCOLAR [China], Newjour, DRJI, SCOPUS\*, Proquest, etc. \*Under Processing. Official journal publication of the *Academy for Environment and Life Sciences*, Agra, UP, India, <http://www.aelsindia.com>).
  - 11) Das, Utpal Kumar; Bordoloi, Ranjit and Ganguly, Subha (2014) Freeze-drying technique and its wide application in biomedical and pharmaceutical sciences. *Res. J. Chem. Env. Sci.* **2**(3): 1-4[E-ISSN: 2321-1040. Index Copernicus value (ICv) **4.08** (Poland), SJIF Impact Factor **2.527**, CODEN: RJCEA2 [CAS, USA]. Official journal publication of the *Academy for Environment and Life Sciences*, Agra, UP, India, <http://www.aelsindia.com>).
  - 12) Ganguly, Subha (2013b) Chitosan from shellfishes having promising biomedical importance: An Editorial. *Adv. Pharmacoepidem. Drug Safety.* **2**(6): <http://dx.doi.org/10.4172/2167-1052.1000e122> [ISSN: 2167-1052. Publication of the OMICS Group [www.omicsgroup.org/journals/apds.php](http://www.omicsgroup.org/journals/apds.php)].

- 13) Ganguly, Subha (2013) Animal poaching and trafficking for human usable products: Global perspective with highlight on Indian scenario. *J. Indian Leather Technol. Asso.* **LXIII**(04): 418-420 [*Global Institute for Scientific Information (GISI)* Journal Impact factor ([www.jifactor.com](http://www.jifactor.com)) (2012) **0.7211**, Regd.No. ISSN 0019 5378, RNI No.2839/57].
- 14) Ganguly, Subha (2013a) Gel electrophoresis of protein fractions of *Salmonella* spp. isolated from poultry: An Editorial. *Int. J. Curr. Trends Pharm. Res.* **1**(3): 215-216 [SJIF Impact factor: **4.402**. ICV **5.94\***. CODEN (CAS): IJCTGM. ISSN:2321-3760. Official online journal published by *Pharma Research Library (PRL)*, India. PRL journals indexed in Indianscience.in, Cite Factor, DOAJ (Directory of Open Access Journals), Google, Google Scholar, Index Copernicus, Science Central, Open Academic Journal Index, Pak Directory of Open Access Journals, Jour Informatics, Research Bible, Directory of Research Journal Index. *Website: [www.pharmaresearchlibrary.com/ijctpr](http://www.pharmaresearchlibrary.com/ijctpr)*].
- 15) Ganguly, Subha (2013a) Immunostimulatory and growth promoting effects of levamisole, a potential anthelmintic drug: An Editorial. *Int. J. Medi. Pharm. Res.* **1**(5): 409-410 [ISSN: 2321-2624. ISRA Impact Factor: **2.015**. ICV **5.40\***. CODEN (USA): IJMPMW. Official online journal published by *Pharma Research Library (PRL)*, India. *Website: [www.pharmaresearchlibrary.com/ijmpr](http://www.pharmaresearchlibrary.com/ijmpr)*].
- 16) Ganguly, Subha (2013a) Microbial presence in animal feed and ways of treatment: An Editorial. *Bull. Environ. Pharmacol. Life Sci.* **2**(9):01-02 [Online ISSN: 2277-1808. CODEN: BEPLAD. Impact Factor: **0.9804** [UIF, Germany]. Impact Factor: **0.533** [GIF Australia], Scientific Journal Impact Factor: **2.59** [Canada], Scientific Indexing Services Impact Factor: **0.982** [Pakistan]. Abstracted and indexed in ISI Master Journal List, Zoological Records (Thomson Reuters), Index Copernicus, CAS, USA, Journalseeker, UK, Research Bible, Japan, E-Journal, Electronic Journal Library, ABC open Directory, World Cat, Geneva Medical Foundation, New Jour, Zoological Records [Thomson Reuters], CABI and Global Health, ISI Master Journal list, Thomson Reuters, Geneva Medical Foundation, Global Education Index, Google Scholar, Solor, China, Global Impact Factor, Australia, Universal Impact Factor, Germany, Cite Factor, USA, Academia, Indian Water Portal, Mendely, Indian University, Bloomington. *Journal website: <http://www.beppls.com>*. Official journal published by *Academy for Environment and Life Sciences*, Agra UP, India, *Website: <http://www.aelsindia.com>*].
- 17) Ganguly, Subha (2013b) Public health risks of concern from heavy metal toxicity in fishes: An Editorial. *Bull. Environ. Pharmacol. Life Sci.* **2**(11): 01-02 [Online ISSN: 2277-1808. Impact Factor: **0.9804** [UIF, Germany]. Impact Factor: **0.533** [GIF Australia], Scientific Journal Impact Factor: **2.59** [Canada], Scientific Indexing Services Impact Factor: **0.982** [Pakistan]. *Journal website: <http://www.beppls.com>*. Official journal published by *Academy for Environment and Life Sciences*, Agra UP, India, *<http://www.aelsindia.com>*].
- 18) Ganguly, Subha (2014) Research and development on immunomodulatory aspect of fungal feed additives for livestock and poultry: An Editorial. *Bull. Environ. Pharmacol. Life Sci.* **3**(1): 01-02 [Online ISSN: 2277-1808, CODEN: BEPLAD. Impact Factor: **0.9804** [UIF, Germany]. Impact Factor: **0.533** [GIF Australia], Scientific Journal Impact Factor: **2.59** [Canada], Scientific Indexing Services Impact Factor: **0.982** [Pakistan]. *Journal website: <http://www.beppls.com>*. Official journal published by *Academy for Environment and Life Sciences*, Agra UP, India. *Website: <http://www.aelsindia.com>*.
- 19) Ganguly, Subha (2015) Medicinal herbs for traditional therapy in modern Ayurveda and Pharmacy. *Bull. Environ. Pharmacol. Life Sci.* **4**(4): 01-02 [Online ISSN: 2277-1808, CODEN: BEPLAD. Impact Factor: **0.9804** [UIF, Germany]. Impact Factor: **0.533** [GIF Australia], Scientific Journal Impact Factor: **2.59** [Canada], Scientific Indexing Services Impact Factor: **0.982** [Pakistan]. *Journal website: <http://www.beppls.com>*. Official journal published by *Academy for Environment and Life Sciences*, Agra UP, India. *Website: <http://www.aelsindia.com>*.
- 20) Ganguly, Subha (2013) Microfloral diversity in fish: An Editorial. *Fish. Aquac. J.* **4**(1): e101. doi: 10.4172/2150-3508.1000e101 [ISSN: 2150-3508; Publication of the OMICS Group [www.omicsgroup.org/journals/FAJ.php](http://www.omicsgroup.org/journals/FAJ.php). Indexed and archived in CrossRef, Google Scholar, CABI, ProQuest and EBSCO Publishing].
- 21) Wakchaure, Rajesh; Ganguly, Subha; Qadri, Kausar; Praveen, Praveen Kumar and Mahajan, Tanvi (2015) Importance of transgenic fish to global aquaculture: A Review. *Fish. Aquac. J.* **6**(4): e124. doi: 10.4172/2150-3508.1000e124 [ISSN: 2150-3508; Publication of the OMICS Group [www.omicsgroup.org/journals/FAJ.php](http://www.omicsgroup.org/journals/FAJ.php). Indexed and archived in CrossRef, Google Scholar, CABI, ProQuest and EBSCO Publishing].
- 22) Das, Utpal Kumar; Ganguly, Subha and Das, L. (2014) An outlook and specialized opinion on aquatic food chain. *Continental J. Microbiol.* [Section: *Editor-in-Chief Column*] **8**(1): 17-19. doi:10.5707/cjmb.2014.8.1.17.19 [ISSN: 2141-4106. Global Impact Factor: **0.302**. Official journal published by *WILOLUD JOURNALS*, Nigeria. *Website: [www.wiloludjournal.com/ojs/index.php/cjmichio](http://www.wiloludjournal.com/ojs/index.php/cjmichio)*].
- 23) Bordoloi, Ranjit and Ganguly, Subha (2014) Microbial toxin production: Opportunists and true pathogens. *J. Drug Metab. Toxicol.* **5**(2): e123. doi: 10.4172/2157-7609.1000e123 [ISSN: 2157-7609. Impact **2.12\*** (5 Year Impact Factor). Publication of the OMICS Group [www.omicsgroup.org/journals/idmt.php](http://www.omicsgroup.org/journals/idmt.php). Indexed and archived in DOAJ, Google Scholar, Scientific Commons, GALE, Index Copernicus, EBSCO and PubMed].
- 24) Praveen, Praveen Kumar; Ganguly, Subha; Wakchaure, Rajesh; Para, Parveez Ahmad; Shekhar, Shashank and Dalai, Nirupama (2015) Tuberculosis, A Milk-borne zoonosis: A critical Review. *J. Drug Metab. Toxicol.* **6**(5): e123. doi: 10.4172/2157-7609.1000e126 [ISSN: 2157-7609. Impact Factor: **2.12\*** (5 Year Impact Factor). Publication of the OMICS Group [www.omicsgroup.org/journals/idmt.php](http://www.omicsgroup.org/journals/idmt.php). Indexed and archived in DOAJ, Google Scholar, Scientific Commons, GALE, Index Copernicus, EBSCO and PubMed].
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  - 27) Ganguly, Subha and Wakchaure, Rajesh (2016a) A brief review on the immunological responses to Zika virus infection in humans. *Pharm. Biol. Evaluations.* **3**(5): 456-457. [ISSN: 2394-0859. Journal indexed in Index Copernicus International ICv 2014: **72.72**, Global Impact and Quality Factor: **0.56**. Thomson Reuters Researcher ID, Google Scholar, JournalGuide, J-Gate, ROAD, Directory of Science, IndianScience.in, ResearchBib, CiteFactor, Scholar Steer, Research gate, Cosmos Impact Factor, Mendeley, IIFS, Geberal Impact Factor, International Society for Research Activity, Scientific Journal Impact Factor, Scientific Indexing Services, Open Academic Journals Index, I2OR. *Website:* [www.onlinepbe.com](http://www.onlinepbe.com)]. **Cited by** Ganguly, S. et al. (2018) *Int. J. Vet. Sci. Anim. Husb.* **3**(3): 10-11.
  - 28) Ganguly, Subha and Wakchaure, Rajesh (2017) Bumble foot disease of poultry: an Editorial. *Int. J. Biotech. Allied Fields.* **5**(1): 1-2 [ISSN: 2320-0774. *BPAS Publishers LLP*. Connecting Researchers... Indexed in Publication Integrity and Ethics, International Scientific Indexing Impact Factor value: **1.036**, Google Scholar, Chemical Abstracts Service (CAS), Open Academic Journals Index (OAJI) *under evaluation*, Global Impact factor *under evaluation*, Cosmos Impact factor: **4.182** and Directory of Science. Journal website: [www.ijbaf.com](http://www.ijbaf.com)].
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  - 30) Ganguly, Subha (2017b) Growing incidences of obesity in pets and its long term effects: an Editorial. *Indian J. Hosp. Inf.* **1**(1): 9-10 [ISSN: XXXX-XXXX. Official publication of *Red Flower Publication Pvt. Ltd.*, Delhi, India. *Journal website:* [www.rffpl.co.in](http://www.rffpl.co.in)].
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  - 33) Ganguly, Subha (2017) Medicinal and health related benefits of green tea for human intake: an editorial. *Annals Plant Sci.* **6**(4): 1604-1605. **DOI:** <http://dx.doi.org/10.21746/aps.2017.04.003> [ISSN: 2287-688X (Online). OCLC No.: 884467487. Journal approved by **University Grants Commission (UGC)**, No. **64357** and NISCAIR. InfoBase Impact factor: **4.4**. Global Impact Factor: **0.471**. Index Copernicus (ICv) value: **54.79**. Science Central value: **25.00**. It is a member of the Publishers International Linking Association, Inc. (PILA), CrossRef and CROSSMARK (USA). *Annals of Plant Sciences* is now onward implementing and assigning Digital Object Identifier (DOI) to all its published content. An International journal indexed in MENDELEY, InfoBase Index, Global Impact factor, Academia.edu, Directory of Science, Google Scholar, Index Copernicus International and ResearchGate. *Journal Website:* [www.annalsofplantsciences.com](http://www.annalsofplantsciences.com)].
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\*Ganguly, S. is synonymous to Ganguly, Subha

#### RESEARCH ARTICLES (WITH NAAS, ISI and Index Copernicus JOURNAL RATINGS 2017 - 2018)

##### National:

- 1) Ganguly, S. and Mukhopadhyay, S.K. (2008) Analysis of Infectious Bovine Rhinotracheitis Infection in West Bengal (India). *96<sup>th</sup> Indian Science Congress Association (ISCA) Young Scientists' Award Programme 2008* in the section of Animal, Veterinary and Fishery Sciences, **2**: 7.
- 2) Ganguly, S.; Mukhopadhyay, S.K. and Paul, I. (2008) Studies on Seroprevalence of Infectious Bovine Rhinotracheitis in Cattle Population of West Bengal. *Indian J. Comp. Microbiol. Immunol. Infect. Dis.*, **29**(1&2): 12-16 [NAAS\* Scientific Journal Rating: **4.49**. Print ISSN: 0970-9320. Official organ of the *Indian Association of Veterinary Microbiologists, Immunologists and Specialists of Infectious Diseases (IAVMI)*, India. Available online in the Singhania Library of the National Academy of Sciences, India].
- 3) Jana, S.; Niyogi, D.; Mandal, Souvik; Ganguly, S. and Mukhopadhyay, S.K. (2008) Haematological and serum biochemical alterations in gout of broiler birds. *Indian J. Anim. Hlth*, **47**(2): 113-115 (Print

- ISSN: 0019-5057.NAAS\* Scientific Journal Rating: **4.08**. Indexed in CABI, Google Scholar, OCLC World Cat, Genamics Journal Seek, Connectjournals, Krishi Kosh. Official publication of the West Bengal Veterinary Association (WBVA), WB, India. Journal website: [www.ijah.in](http://www.ijah.in)].
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  - 5) Prasad, Arun; Soman, J.P.; Tiwary, B.K. and Ganguly, Subha (2010) Pattern of immune responses in broiler chicks against *Salmonella* Gallinarum infection. **First Award winning paper** in Theme-VIII of *Proceedings of XXIV Annual Convention of IAVMI (Indian Association of Veterinary Microbiologists, Immunologists & Specialists in Infectious Diseases) & International Conference on Protecting Animal Health : Facilitating Trade in Livestock and Livestock Products* (January 27-29, 2010) at Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chattisgarh, India, **PP 8.3**: 174 (**Cited by** Prasad, A. et al. 2011. Immunological and immunopathological..... infection elicited: A Review. *J. Immunol. Immunopathol.* **13**(2): 67-74).
  - 6) Sarkar, Sanjay; Niyogi, Debasish; Ganguly, Subha; Paul, Indira and Mukhopadhyay, Sunit Kumar (2010) In Vivo effect of carbon tetrachloride toxicity in rat liver. *Indian Pet J. – Online Journal Of Canines, Felines & Exotic Pets*, **4**: 14-16 [ISSN: 2230-7613 (Online), Indexed by ScopeMed online ([www.scopemed.org](http://www.scopemed.org)) – a leading OAJ indexing site].
  - 7) Mukhopadhyay, Sunit Kumar, Ganguly, Subha and Paul, Indira (2010) Histopathological Reports of Clinical Cases of Dog Skin Neoplasms. *Indian Pet Journal – Online Journal Of Canines, Felines & Exotic Pets*, **4**: 17-24 [ISSN: 2230-7613 (Online)].
  - 8) Dhanarajam, Y.; Niyogi, Debasish; Ganguly, Subha; Paul, Indira and Mukhopadhyay, Sunit Kumar (2010) Pathobiological studies on induced Glyphosate (Herbicide) toxicity in rats. *Indian Pet J. – Online Journal Of Canines, Felines & Exotic Pets*, **4**: 25-27 [ISSN: 2230-7613 (Online)]; (**Cited by** Mukhopadhyay, S.K. et al. 2011. Toxicopathological effect of induced insecticide toxicity under experimental conditions- An Overview. Proc. XXVIII Annual Conf. of IAVP and National Symposium, Dec '11].
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\*National Academy of Agricultural Sciences, India

\*\*Ganguly, S. is synonymous to Ganguly, Subha

## AWARDED PAPERS: 08

### Number of citations: 235

Number of Research Articles authored as First/ corresponding Author	<b>27</b>
Number of Research Articles co-/ corresponding authored	<b>174</b>
Number published/Accepted in National journals	<b>81</b>
Number published/Accepted in International journals	<b>120</b>

P.S.: Many full Research articles have been communicated to indexed National & International Journals having high Impact factors which are expected to be Accepted & Published soon.

### CLINICAL CASE REPORTS (WITH NAAS, ISI and Index Copernicus JOURNAL RATINGS 2017)

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- 2) Sahoo, Saraswat; Ganguly, Subha and Padhy, Arpita (2015) Death due to severe enteric infection in kid suffering from Coli bacillosis. *Int. J. Pharm. Biomed. Res.* **2**(4): 22-23 [ISSN: 2394-3726. SJIF Impact Factor: **2.057**. Official Online journal published by Career Point University and Lzebra Institute, Kota, India. Indexed and abstracted in Google Scholar, Science Central, Global Impact Factor, IndianScience.in, Research Bible, Jadoun Science and International Society of Universal Research in Science. Website: [www.ijpbr.org](http://www.ijpbr.org)].
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- 20) Swain, Krutanjali; Routray, Abhilash Sahoo, Saraswat and Ganguly, Subha (2018a) Cryptosporidium oocyst shedding in buffalo calves in Haryana: a case study. *Indian J. Anim. Res.* **52**(2): xx-xx. DOI: 10.18805/ijar.B-3487 [NAAS\* Scientific Journal Rating: **6.15**, Scientific Journal Ranking (SJR): **0.137**. International Impact factor: **0.147**. Official publication of Agricultural Research Communication Centre (ARCC), Karnal, Haryana. Indexed/ abstracted in Elsevier (Scopus and Embase), Thomson Reuters, ISI Web of Science, CABI Abstracting Services, Chemical Abstracts, Biological Abstracts, Indian Science Abstracts, BIOSIS Preview, Science Citation Index Expanded and Journal Citation Index. Journal Citation Reports Impact Factor (ISI Philadelphia): 0.078; Print ISSN: 0367-6722, Online ISSN: 0976-0555]. Cited by Swain, Krutanajli et al. (2018) *Indian J. Anim. Res.* **52**(x): xx-xx. DOI: 10.18805/ijar.B-3586

#### REVIEW ARTICLES (WITHNAAS, ISI and Index Copernicus) JOURNAL RATINGS 2017 - 2018)

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- 2) Ganguly, Subha; Paul, Indira; Niyogi, Debasish; Mukhopadhyay, Sunit Kumar and Samanta, Indranil (2009) Swine Influenza-A Pandemic Threat to Swine and Human. *Livest. Line,* **3**(6): 27-30.
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- 4) Ganguly, Subha; Paul, Indira and Mukhopadhyay, Sunit Kumar (2010) Food-borne infections of public health significance and strategies for their prevention and control. *Indian Pet J. – Online Journal Of Canines, Felines & Exotic Pets*, Issue - April' 2010, **5**:58-61 [ISSN: 2230-7613 (Online), Indexed by ScopeMed online ([www.scopemed.org](http://www.scopemed.org)) – a leading OAJ indexing site].
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- 7) Ganguly, S. and Mukhopadhyay, S.K. (2010) Effect of fluctuating environmental factors and climatic alteration on livestock and wildlife behavior. Souvenir of Eastern regional Conference on *Global warming & Future of Domestic Animal Health of Sunderban Islands* at Gosaba Island Sunderban, West Bengal (19-21 Dec. 2010) organized by Indian Association for Animal Production in association with West Bengal University of Animal and Fishery Sciences, Tagore Society for Rural Development, Gosaba Island and Champa Mahila samity, Basanti Island, pp. 31-35.
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\*[Ganguly, S.](#) is synonymous to [Ganguly, Subha](#)

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### Number of citations: 226

Number of Review Articles authored as Sole Author	<b>105</b>
Number of Review Articles authored as First/ corresponding Author	<b>80</b>
Number of Review Articles co-/ corresponding authored	<b>125</b>

Number published/Accepted in National journals	<b>52</b>
Number published/Accepted in International journals	<b>258</b>

P.S.: Many full Review articles have been communicated to National Journals having high Impact factors which are expected to be Accepted & Published soon.

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\*Ganguly, S. is synonymous to Ganguly, Subha

Number of Popular/Technical Articles authored as First/ corresponding Author	<b>40</b>
Number of Popular/Technical Articles co-/ corresponding authored	<b>24</b>

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Ganguly, S. is synonymous to Ganguly, Subha

## BIOGRAPHY

**Dr. Subha Ganguly**, B.V.Sc. & A.H. (*Gold Medalist*), M.V.Sc. (*First Rank*), NET Qualified, Ph.D. (Microbiology), Executive-MBA (HRM), D.Sc., D.Litt. was working as Associate Professor and HEAD of the Department of Veterinary Microbiology at Arawali Veterinary College (approved by VCI, New Delhi, affiliated to Rajasthan University of Veterinary and Animal Sciences, Bikaner and managed by Aastha Society, Sikar), V.P.O. Bajor, Dist. Sikar, Rajasthan, India. Now currently he is on leave up to the Year 2021 and pursuing full-time Ph.D in the subject of Veterinary Microbiology at the Faculty of Veterinary and Animal Sciences of West Bengal University of Animal and Fishery Sciences, Belgachia, Kolkata. Dr. Ganguly earlier served as Scientist (Food Microbiology) and Scientist In-charge, Sub-Projects, in the All India Coordinated Research Project on Post Harvest Technology (ICAR) at Faculty of Fishery Sciences, West Bengal University of Animal and Fishery Sciences, Kolkata, WB, India. Dr. Ganguly has handled many projects as Team leader funded by Indian Council of Agricultural Research (ICAR), New Delhi. Dr. Ganguly has characterized and identified two novel bacterial strains isolated from fermented fishery product of North-East India which have been registered in **NCBI/ GenBank database** with Accession numbers **KF319057** and **KF319058** respectively. Dr. Ganguly has represented the Department of Veterinary Microbiology as Head of the Department during annual inspection for evaluation of standard of teaching, academics and research at Arawali Veterinary College, Sikar by experts from *Rajasthan University of Veterinary and Animal Sciences (RAJUVAS)*, Bikaner regarding sustenance of the affiliation and *Veterinary Council of India (VCI)*, New Delhi for continuing VCI recognition of the college for running B.V.Sc. & A.H. degree programme respectively. Dr. Ganguly has authored Laboratory Practical Manuals structured as per VCI curriculum for Course No. VMC – 211, Course Title: General Veterinary Microbiology (Credit Hours: 1 + 1 = 2), Course No. VMC – 221, Course Title: Veterinary Immunology and Serology (Credit Hours: 1 + 1 = 2), Course No. VMC – 311, Course Title: Systematic Veterinary Bacteriology and Mycology (Credit Hours: 2 + 1 = 3), Course No. VMC – 321, Course Title: Systematic Veterinary Virology (Credit Hours: 2 + 1 = 3), Course No. VLD - 411, Course Title: Veterinary Clinical Biochemistry and Laboratory Diagnosis - I (Credit Hours: 0 + 1 = 1) and Course No. VLD - 421, Course Title: Veterinary Clinical Biochemistry and Laboratory Diagnosis - II (Credit Hours: 0 + 1 = 1), Vety. Microbiology (VMC) Paper-I comprising of Units 1 to 3 and VMC Paper-II comprising of Units 4 & 5 respectively for B.V.Sc. & A.H. Second Year, Third Year and Fourth Year degree course students and also for II Year students as per MSVE-2016 syllabus. Dr. Ganguly has acted as **CONTROLLER OF EXAMINATIONS (COE)**, Senior Superintendent, Senior Invigilator, Invigilator and

In-charge Examination hall for Internal and External (Final) Theory examinations of B.V.Sc. & A.H. degree programme students conducted from time to time at Arawali Veterinary College. Acted as the Coordinator, Veterinary Clinical Biochemistry and Laboratory Diagnosis – I & II (Course Nos. VLD – 411 & VLD – 412) for the students of 7<sup>th</sup> and 8<sup>th</sup> Semesters B.V.Sc. & A.H. degree programme. Preparation of semester class schedules (time-tables) for the students of B.V.Sc. & A.H. degree programme. Involved as expert in the microbiological examination, analyses and reporting on clinical samples/ specimens received from the *Teaching Veterinary Clinical Complex (T.V.C.C.)* and *Instructional Livestock Farm Complex (I.L.F.C.)* of the college. Recommended an Assistant Professor of the Department of Veterinary Microbiology for the position of SCIENTIST – ‘B’ at *Indian Council of Medical Research (ICMR)*, New Delhi. Acted as the Coordinator for Tracking programmes – I and II for students of 5<sup>th</sup> and 6<sup>th</sup> Semester B.V.Sc. & A.H. degree programme and Member of Attendance Committee constituted for 3<sup>rd</sup> Year B.V.Sc. & A.H. students (Academic Year 2015-16) for reviewing their attendance for assessment of their eligibility in appearing in the Annual External examination. Nominated on July 19, 2017 and served as Representative of Dean for acting as a Member of Board of Examiners in the Subject of *Livestock Production Management* Paper I and Paper II for 1st Year B.V.Sc. & A.H. Annual Practical Examination 2017 [vide *VCI MSVE-2016 Regulations S.No. 13(10)*].

Dr. Subha Ganguly has been conferred with the “**Young Scientist of the Year Award 2014**” and “**Eminent Young Scientist of the Year Award 2017**” in recognition of his Doctoral research in MICROBIOLOGY and scientific expertise in FOOD SCIENCE by the International Foundation for Science and Environment, Kolkata, India (*Hon’ble President: Prof. Dr. Samir Banerjee, Retd. Dean & Head, Department of Zoology, University of Calcutta, India*) in association with Confederation of Indian Universities, New Delhi (*Hon’ble President: Chancellor Dr. P.R. Trivedi*) and Scientific and Environmental Research Institute, Kolkata, India and “**Young Performer Award**” by the Association of Pharmacy Professionals, Bhopal, India. For his untiring and relentless hard work in the field of science, education and technology, Dr. Ganguly has been conferred with the distinction “**American Order of Merit (AOM)**” by the American Biographical Institute, USA, “**Bharat Gaurav Award 2015**” and “**Rashtriya Gaurav Award 2016**” in *Science and Technology* by India International Friendship Society (Regd.), New Delhi, India and “**Best Citizens of India Award**” by International Publishing House, New Delhi, India with citation published in the book entitled “*The Honoured Best Citizens of India*” published by International Publishing House, New Delhi. Dr. Ganguly is a recipient of the “**Eminent Teacher Award 2015**” and “**Young Scientist Award 2017**” for his impactful, eminent and luminous teaching and scientific/ research oriented career from the *Research Scholar Hub Society* (Regd.), Ahmadabad, Gujarat, India and honored with **DR. A.P.J. ABDUL KALAM AWARD FOR TEACHING EXCELLENCE 2016**, **DR. A.P.J. ABDUL KALAM AWARD FOR SCIENTIFIC EXCELLENCE 2017** hosted by *Marina Labs (Research and Development)*, Chennai, India in honor of Dr. A.P.J. Abdul Kalam, “**Leading Educationist of India Award 2018**”, “**Excellence Teaching in**

**Higher Education Award 2018”, “Best Senior Faculty Award 2018”** by *D.K. International Research Foundation (DKIRF)* [a Registered non-profit organization], Perambalur, TN, India and **LIFE TIME ACHIEVEMENT AWARD 2018** by *Research Scholar Hub Society (Regd.)*, Ahmadabad, India.

Dr. Ganguly is also conferred as Honorary Fellow, Society for Applied Biotechnology, India [FSAB], Fellow, Hind Agri-Horticultural Society, India [FHAS], Fellow, International Science Congress Association, India [FISCA] (*now renamed as International Science Community Association*), Fellow, Institute of Integrative Omics and Applied Biotechnology, India [FIIOAB], Fellow, International Society of BioTechnology, India [FISBT] (*now renamed as World Research Association*), Fellow, Academy for Environment and Life Sciences, India [FAELS], Fellow, Society for Advancement of Sciences, India [FSASc], Fellow, Society of Education, India [FSOE], Fellow, Science and Education Development Institute, Nigeria [FSEDInst], Fellow, Association of Pharmacy Professionals, India [FAPP], Fellow, Vital Biotech Research & Training Institute, India [FVBRTI], Fellow, Pharmacy & Life Sciences, India [FPLS], Fellow, International Scientific Research Organization for Science, Engineering and Technology, Indore, India [FISROSET], Fellow, Scholars Academic and Scientific Society [FSASS], Fellow, Society of Pharmacognosy and Phytochemistry [FMSPP], Fellow, Council Of Research & Sustainable Development [FCRSD], Honorary and Executive Board Member, Pharma Research Library, India (PRL), Executive Committee Member & Fellow (FRSHS), Research Scholar Hub Society, India (RSHS) and Central Executive Committee Member, Society of Researchers and Health Care Professionals, India (SRHCP) and an Honorary eminent scientist by the *International Biographical Centre, Cambridge, England* and the *American Biographical Institute, USA*. Dr. Ganguly is an Honorary Recommender and nominator of eligible candidates from various institutions of India for various Annual award categories of DKIRF. Till now he has recommended Eighteen (18) new promising candidates from *Sher-e-Kashmir University of Agricultural Sciences and Technology-Kashmir, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, Chattisgarh Kamdhenu University, Anjora, Durg, VUTRC, College of Veterinary Science, Bikaner and Arawali Veterinary College, Rajasthan University of Veterinary and Animal Sciences, Sikar, India*). Dr. Ganguly has many prominent, noteworthy and exemplary scientific and academic achievements in the field of Microbiology, Veterinary, Animal, Fishery & Food Sciences, Animal health management, Post Harvest and Processing technology, Life Sciences, Bio-sciences and Veterinary Public Health.

Dr. Subha Ganguly is the prominent member of many reputed National and International scientific societies and awarded with the distinctions Associate Member/Fellow, *National Academy of Veterinary Sciences*, New Delhi, India (MNAVS), FOUNDER MEMBER of *International Academy of Biosciences (IAB)*, UK, MISZS, LMIVA, MVPHA, MIPHA, LMJZS and MAPHV. Dr. Ganguly has many high quality peer reviewed publications in highly reputed and indexed National and International journals and he has also authored many books and monographs on specialized issues of concern. Dr. Ganguly is in the capacity of Editor-in-Chief, Associate Editor, Member Editor, and Honorary member of editorial boards and advisory committees of numerous National and International scientific societies and academia and indexed journals of repute with many honors, awards and distinctions from various scientific bodies. Dr. Ganguly has authored numerous books of importance for expansion of knowledge among interested students and professionals.

Dr. Subha Ganguly is also engaged as **Editor-in-Chief** of many full national and international **Book projects** and **Journal *Special Issues*** published by reputed publishers in India and abroad printed with ISBN and DOI number(s). Also, he is associated as the honorary scientific consultant and research advisor for various projects on livestock and poultry farming, aquaculture development and food processing in collaboration with non-Governmental organizations, self-help groups and NGOs working towards rural livelihood empowerment and socio-economic improvement.

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