

**DR. SUBHA GANGULY**, B.V.Sc. & A.H. (Gold Medalist), M.V.Sc. (1<sup>st</sup> Rank), N.E.T.  
DST-INSPIRE Fellow, F.S.A.B., F.H.A.S., F.I.S.C.A., A.O.M.,  
L.M.I.V.A., M.V.P.H.A., M.I.P.H.A., L.M.J.Z.S., M.A.P.H.V.

## Scientist (Food Microbiology)

All India Coordinated Research Project on Post Harvest Technology (ICAR)  
Kolkata Centre

(Directorate of Research, Extension & Farms WBUAFS)  
Department of Fish Processing Technology, Faculty of Fishery Sciences  
West Bengal University of Animal and Fishery Sciences  
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### PERSONAL DETAILS

1. Qualifying Degree : B.V.Sc & A.H. (Gold Medalist),  
M.V.Sc. (Veterinary Microbiology) [First Rank]
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)  
L.M.I.V.A., M.V.P.H.A., M.I.P.H.A., L.M.J.Z.S., M.A.P.H.V.  
*American Order of Merit (AOM) recognized by ABI* (A.O.M.)  
*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*  
*IBC 2000 Outstanding Intellectuals of the 21<sup>st</sup> Century ~2013~*
3. Father's Name : Shri Swapan Ganguly
4. Date of Birth : 29.06.1982
5. Marital Status : Married
6. Nationality : Indian
7. Category : General
8. Languages known (read, write & speak) : English, Hindi and Bengali

Life Member of *Indian Veterinary Association* (L.M.I.V.A.)

Life Member of *Veterinary Public Health Association* (M.V.P.H.A.)

Life Member of *Indian Public Health Association* (M.I.P.H.A.)

Life Member of *The Zoological Society Kolkata* (L.M.J.Z.S.)

Life Member of *Association of Public Health Veterinarians* (M.A.P.H.V.)

## ACADEMIC QUALIFICATIONS

Degree/ Examination	Conferring University/ Institution	Specialization	Percentage/ OGPA	Year of passing	Remarks
National Eligibility Test (N.E.T.) recognised by UGC & CSIR	Agricultural Scientists Recruitment Board (ICAR), New Delhi	Major/Broad Discipline: Veterinary Microbiology	Qualified twice. Was called & appeared in ARS Interview 2007 at ASRB (ICAR), New Delhi.	2008 & 2009	Qualified for Lecturership/ Assistant Professorship
Master of Veterinary Science (M.V.Sc.)	West Bengal University Of Animal and Fishery Sciences, Kolkata, India	Veterinary Microbiology	OGPA: 8.40 out of 10.00 (84.00%)	2007	First Rank
Bachelor of Veterinary Science & Animal Husbandry (B.V.Sc. & A.H.)	West Bengal University Of Animal and Fishery Sciences, Kolkata, India	Veterinary Science and Animal Husbandry (According to <i>Veterinary Council of India</i> syllabus)	OGPA: 7.73 out of 10.00 (77.30%)	2005	GOLD MEDALIST
All India Senior School Certificate Examination (A.I.S.S.C.E.) 2000	Central Board Of Secondary Education	Eng, Hindi, Physics, Chem, Biol, Work experience Phy & Health Education, General Studies	79.20%	2000	Awarded as the 'Best Student'
All India Secondary School Examination (A.I.S.S.E.)1998	Central Board Of Secondary Education	Eng, Hindi, Math, Sc., Social Sc., Work experience, Phy & Health Education, Art Education	79.60%	1998	2nd Rank

## TITLE OF M.V.Sc. THESIS (2007)

### **Studies on Seroprevalence of Infectious Bovine Rhinotracheitis in Cattle Population of West Bengal**

*Chairman of Advisory Committee:* Prof. (Mrs.) R. DAS, M.V.Sc., Ph.D., Professor, Department of Veterinary Microbiology, Faculty of Veterinary and Animal Sciences, West Bengal University of Animal and Fishery Sciences, Kolkata – 700 037 (West Bengal).

**P.S.:** M.V.Sc. thesis research has been recognized & accepted in 'Indian Science Congress Association' (ISCA) Young Scientists' Award Programme 2008. 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. All the portions of M.V.Sc. thesis research have been accepted & published in indexed National Journals of high National & International impact factors.

Selected as '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 on the basis of performance in master's program at the University/Institute (Also published in *Hindustan* Hindi daily newspaper, Ranchi, pg.6, dt.21-5-2010).

**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 full time.	Dr. Debasis De, Principal Investigator (PI) of DBT Project, Kakdwip Research Centre of Central Institute of Brackishwater Aquaculture (Indian Council of Agricultural Research ), Kakdwip, 24Pgs(S), WB, Pin-743347, India.	19.11.2007	31.07.2009	Scale of pay: 12,000/- INR + 10% HRA per month for Ist and IInd year; 14,000/- INR + 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	Subject of specialization and Broad discipline (s)
PhD- Research Fellow	Dr. Arun Prasad, University Professor & Chairman, Department of Veterinary Microbiology, Faculty of Veterinary Science & Animal Husbandry, Birsa Agricultural University, Kanke, Ranchi 834 006, Jharkhand, India.	04.08.2009	30.10.2010	Vet. Microbiology, Pathology and Biochemistry

PROFESSIONAL/ SCIENTIFIC EXPERIENCE (...Contd.)

Name of Post	Employer	From (Date of joining)	To	Pay scale	Nature of Work
Scientist (Food Microbiology)  Nature of employment: Whole-time & Regular	Directorate of Research, Extension & Farms, West Bengal  University of Animal and Fishery Sciences, 37, K.B. Sarani, Kolkata 700037, WB, India.	01.11.2010	Till date (continuing)	15,600/- - 39,100/- INR, Grade Pay 6,000/- INR plus allowances as applicable under the University.	Scientific and research oriented chores related to food microbiology and food/ fish processing technology.

MOST SIGNIFICANT RECOGNITION / HONOR

- Fellow, Society for Applied Biotechnology, India  
 Fellow, Hind Agri-Horticultural Society, India  
 Fellow, International Science Congress Association, India  
 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~  
 Editor-in-Chief, *SCIENCE REUTERS*, UK  
 Specialized Managing Editor (Microbiology), *WebMedCentral plus*  
 AMERICAN ORDER OF MERIT recognized by the American Biographical Institute, Inc., Raleigh, North Carolina, USA  
 International Biographical Centre, Cambridge, England, *2000 Outstanding Intellectuals of the 21<sup>st</sup> Century* ~2013~  
 Main Editor, *Journal of Veterinary Medicine and Animal Health (JVMAH)*  
 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  
 Honorary Editor, *Journal of Biological and Chemical Research (JBCR)*  
 Member Editor, *Global Advanced Research Journal of Biotechnology (GARJB)*  
 Member Editor, *Advances in Pharmacoepidemiology and Drug Safety* and *Journal Drug Metabolism & Toxicology (OMICS Group)*  
 International Advisory Board member of *Asian Journal of Biological and Life Sciences*
- 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, *Continental Journal of Veterinary Sciences* & *Wilolud Journals* (Continental Journal Series).
  - Associate Editor, *International Journal of Agricultural Sciences*.
  - Associate Editor, *Fons Scientia Publishing House*.
  - Associate Editor, *Herald Journal of Agriculture and Food Science Research*.
  - 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 contributing Author for the *Journal of Indian Leather Technologists' Association [JILTA]*.

#### SCIENTIFIC RESEARCH & ACADEMIC ACHIEVEMENTS

- 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.
- 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 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 imparting various advisories and periodical skill development programmes for the technical staff of AICRP on PHT, Kolkata centre and the Field Investigators recruited in various districts of West Bengal under the AICRP on Post harvest Technology (ICAR), Kolkata Centre, WBUAFS.
- Replacement of costly fish meal with fermented shrimp head waste meal and its standardization is currently under processing.
- 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.

#### 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 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. Was called 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) 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.

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

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

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

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

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

#### 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 throughout 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 / 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.

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 28-29th 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 8th 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.

#### PARTICIPATION IN REFRESHER COURSES/ TRAINING PROGRAMMES/ WORKSHOPS

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 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, Kolkata centre and sponsored by the Department of Food Processing Industries & Horticulture, Govt. Of W.B. at Hotel, *The Sonnet*, Salt Lake, Kolkata.
- xiv) Participated in the 21-days' CAFT 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).

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) *Registered for participation* 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 10th All-India Conference of Association of Public Health Veterinarians and National Symposium on "*One World-One Health: Emerging Veterinary Public Health Challenges and Strategies*" (14th & 15th 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 South-East Asia Regional Public Health Conference and 57<sup>th</sup> All India Annual Conference of the Indian Public Health Association (IPHA) at the Science City, Kolkata (February 1-3, 2013).

#### 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 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.

### 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 150<sup>th</sup> 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 3<sup>rd</sup> 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.

#### International

i) Research paper presented in the 2<sup>nd</sup> International CME program on 'New Frontiers in Haematology & Oncology 2009' aided by ICMR on 9<sup>th</sup> and 10<sup>th</sup> 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.

#### 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 and expert 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) *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.

#### 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).

#### 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 &amp; OTHER EMINENT POSITIONS

- 1) Editor-in-Chief, *Science Reuters*, UK (<http://www.sciencereuters.com>).
- 2) Main Editor, *Journal of Veterinary Medicine and Animal Health* (JVMAH) [<http://www.academicjournals.org/JVMAH/>].
- 3) 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.research-signpost.com/home.aspx](http://www.research-signpost.com/home.aspx)).
- 4) Editor, *International Journal of Bio-resource and Stress Management* ([www.pphouse.org](http://www.pphouse.org)).
- 5) Editor, *Journal of Clinical Immunology & Immunopathology Research* ([www.academicjournals.org/jciir/](http://www.academicjournals.org/jciir/)).
- 6) Editor, *Scholarly Journals International* ([www.scholarly-journals.com](http://www.scholarly-journals.com)).
- 7) Editor, *Double Helix Research*- An International Journal of Bio-Medical and Life Science Research ([www.doublehelixresearch.com](http://www.doublehelixresearch.com)).
- 8) Honorary Editor, *Journal of Biological and Chemical Research* ([www.jbcr.in](http://www.jbcr.in)).
- 9) Member Editor, *Global Advanced Research Journal of Biotechnology* (GARJB) [[www.garj.org/garjb](http://www.garj.org/garjb)].
- 10) Member Editor, *Advances in Pharmacoepidemiology and Drug Safety*.
- 11) Member Editor, *Journal Drug Metabolism & Toxicology*.
- 12) Specialized Managing Editor (Microbiology), *WebMedCentral plus*.
- 13) Honorary contributing Author, *Journal of Indian Leather Technologists' Association (JILTA)*.
- 14) Referee for *Indian Veterinary Journal* (Official publication of *Indian Veterinary Association*).
- 15) Reviewer for *The Indian Journal of Animal Sciences* (Publication from ICAR New Delhi, India) [Username: drsg].
- 16) Referee (Honorary) for *Indian Journal of Animal Research* (Published from Animal Research Communication Centre, Karnal, India).
- 17) Reviewer for *Animal Science Reporter* (International journal).
- 18) Member of the Technical Editorial Committee (Co-Editor) of *Livestock Line & Poultry Line* (Journal Magazine) [Monthly publication from Nallakunta, Hyderabad (AP), India].
- 19) Member of the Editorial Board (Associate Editor) of *Indian Pet Journal (IPJ) - Online Journal of Canines, Felines & Exotic Pets* and *International Journal of Livestock Research (IJLR)-Online* [Publication from Pashupati Foundation, India].
- 20) Associate Editor & Reviewer for *Continental Journal of Veterinary Sciences & Wilodud Journals* (Continental Journal Series).
- 21) Associate Editor, *International Journal of Agricultural Sciences* ([www.internationalscholarsjournals.org/ijas](http://www.internationalscholarsjournals.org/ijas)).
- 22) Associate Editor, *Herald Journal of Agriculture and Food Science Research* ([www.heraldjournals.org/hjafsr](http://www.heraldjournals.org/hjafsr)).
- 23) Member of Editorial Team of *International Journal of Bio-Resource and Stress Management* (IJBSM) as Animal Science expert.
- 24) Editorial Board member, *International Journal of Lakes and Rivers* (IJLR) (<http://www.ripublication.com/ijlr.htm>)
- 25) Contributing Author for the *Dogs & Pups Magazine* (Monthly publication from Sant Nagar, East of Kailash, New Delhi, India).
- 26) Contributing Author for *Fishing Chimes – The National Fisheries Journal of India*.
- 27) Reviewer / Referee of indexed Journals of high National & International impact(s).
- 28) Reviewer in *Journal of Clinical Immunology and Immunopathology Research* (Academic Journals).
- 29) Reviewer for *Indian Pet Journal* (IPJ-Online).
- 30) Reviewer for *Indian Journal of Pathology & Microbiology* (IJPM).
- 31) Editorial Board member as Reviewer for *Journal of Microbiology and Antimicrobials* (JMA) ([www.academicjournals.org/JMA/](http://www.academicjournals.org/JMA/)).
- 32) Reviewer for *Science Reuters*, UK (<http://www.sciencereuters.com>).
- 33) Reviewer for *Pharmacologia*, UK (<http://pharmacologia.co.uk>).
- 34) Reviewer for *Archives of Clinical Microbiology* [<http://imedpub.com/ojs/index.php/acmicrob>].
- 35) Editorial Board member as Reviewer for *African Journal of Agricultural Research* (AJAR) [[www.academicjournals.org/JCIIR/](http://www.academicjournals.org/JCIIR/)].
- 36) Editorial Board member as Reviewer for *International Journal of Fisheries and Aquaculture* ([www.academicjournals.org/IJFA/](http://www.academicjournals.org/IJFA/)).
- 37) Reviewer for *Immunological Investigations*, ScholarOne Manuscript Central (Taylor & Francis Group publication).

- 38) Reviewer, ScienceDomain *international* (<http://www.sciencedomain.org>).
- 39) Reviewer for Science Alert journals (<http://www.scialert.com>).
- 40) Member of editorial board of *International Journal of Forest, Soil and Erosion* (IJFSE) [<http://www.ijfse.com/index.php/IJFSE>].
- 41) Reviewer for *Indian Journal of Fisheries* (Publication from ICAR New Delhi, India) [Username: drsg].
- 42) Editor/Reviewer for *Science Alert* journals (Username: [ganguly38@gmail.com](mailto:ganguly38@gmail.com)).
- 43) Online Advisory/ Editorial Board expert, Scholarly Reviewer and lead Faculty member (Microbiology) for *WebmedCentral* and *WebmedCentral plus*.
- 44) Editorial Board member as Reviewer for *Journal of Public Health and Epidemiology* ([www.academicjournals.org/JPHE/](http://www.academicjournals.org/JPHE/)).
- 45) Referee (Honorary) for *Global Journal of Research in Medicinal Plants & Indigenous Medicine* (GJRMI).
- 46) Editorial Board member as Reviewer for *African Journal of Microbiology Research* (AJMR) ([www.academicjournals.org/AJMR/](http://www.academicjournals.org/AJMR/)).
- 47) Reviewer for *Veterinary Science Development* (<http://www.pagepress.org/journals>).
- 48) Reviewer for *Fish Physiology & Biochemistry* (SpringerLink Journal).
- 49) Reviewer for *Journal of Fish Biology* (SpringerLink Journal).
- 50) Editorial Board member as Reviewer for *Medical Practice and Reviews* ([www.academicjournals.org/MPR/](http://www.academicjournals.org/MPR/)).
- 51) Editorial Board member as Reviewer for *Scholarly Journals International* ([www.scholarly-journals.com](http://www.scholarly-journals.com)).
- 52) Editorial Board member as Reviewer for *International Greener Journals* ([www.gjournals.org](http://www.gjournals.org)).
- 53) Editorial Board member for *International Journal of NanoScience and Nanotechnology-Research India* Publication (<http://www.ripublication.com/irph/ijnn.htm>).
- 54) 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)).
- 55) Honorary member of Editorial board of *International Journal of Research in BioSciences* ([www.ijrbs.in](http://www.ijrbs.in)).
- 56) Editorial Board member as Reviewer for *African Journal of Biotechnology* ([www.academicjournals.org/AJB/](http://www.academicjournals.org/AJB/)).
- 57) Editorial Board member as Reviewer for *African Journal of Pharmacy and Pharmacology* ([www.academicjournals.org/AJPP](http://www.academicjournals.org/AJPP)).
- 58) Editorial Board member as Reviewer for *Journal of Medicinal Plants Reserach* ([www.academicjournals.org/JMPR/](http://www.academicjournals.org/JMPR/)).
- 59) Editorial Board member as Reviewer for *Wudpecker Journal of Agricultural Research* ([www.wudpeckerresearchjournals.org/WJAR](http://www.wudpeckerresearchjournals.org/WJAR)).
- 60) 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/)].
- 61) 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>).
- 62) Associate editor for Associate Editor, *Fons Scientia Publishing House* ([www.fonscientia.com](http://www.fonscientia.com)).
- 63) 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)].
- 64) Editorial Board Member of the *Journal Of Pharmacognosy and Phytotherapy* (JPP) ([www.academicjournals.org/JPP](http://www.academicjournals.org/JPP)).
- 65) Editorial Board Member of *Innovative Journal of Medical and Health Sciences* [IJMHS] (<http://www.innovativejournal.in/index.php/ijmhs>).
- 66) Editorial Board Member of *Research, Reviews, Publications* (RRP) journals (<http://www.rrpjournals.com/>).
- 67) Editorial Board Member of *Journal of Scientific Research in Pharmacy* (JSRP) [[www.jsrponline.com](http://www.jsrponline.com)].
- 68) Editorial Board Member of *Global Advanced Research Journal of Microbiology* (GARJM) [[www.garj.org/garjm](http://www.garj.org/garjm)].



- 69) Editorial Board Member of *Herald Journal of Education and General Studies* ([www.heraldjournals.org](http://www.heraldjournals.org)).
- 70) Editorial Board Member of *International Journal of Science, Environment and Technology* ([www.ijset.net](http://www.ijset.net)).
- 71) Editorial Board member of the *Global Advanced Research Journal of Geography and Regional Planning* (<http://garj.org/garjm/>).
- 72) Appointed Reviewer for *Topclass Journal of Herbal Medicine* ([www.topclassjournals.org](http://www.topclassjournals.org)).
- 73) Editorial Board member of *Global Journals*, BRNSS Publishing Hub ([www.brnsspublicationhub.com](http://www.brnsspublicationhub.com)).
- 74) Editorial Board member of *Journal of Veterinary Medicine and Animal Health* ([www.academicjournals.org/JVMAH](http://www.academicjournals.org/JVMAH)).
- 75) 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)].
- 76) Editorial Board Member of the *Journal of Environmental Science and Water Resources* ([www.wudpeckerresearchjournals.org](http://www.wudpeckerresearchjournals.org)).
- 77) Editorial Board Member of the *Wudpecker Journal of Medical Sciences* ([www.wudpeckerresearchjournals.org/WJMS/](http://www.wudpeckerresearchjournals.org/WJMS/)).
- 78) Editorial Board Member of the *Wudpecker Journal of Pharmacy and Pharmacology* ([www.wudpeckerresearchjournals.org/](http://www.wudpeckerresearchjournals.org/)).
- 79) Editorial Board Member of the *International Journal of Molecular Veterinary Research* (<http://ijmvr.sophiapublisher.com>).
- 80) 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/)).
- 81) 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)].
- 82) Reviewer for *Discovery Science* ([www.discovery.org.in/ds.htm](http://www.discovery.org.in/ds.htm)).
- 83) Editorial Board member of *BiotechRings*, an unique students oriented magazine on biotechnology from GBioFin ([www.biofin.net](http://www.biofin.net)).
- 84) Editorial Board member of *International Journal of Research in Ayurveda and Pharmacy* (IRJAP) [[www.irjap.net](http://www.irjap.net), [www.mokshaph.com](http://www.mokshaph.com)]- Publication from Moksha Publishing House.
- 85) 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)].
- 86) Editorial Board member of *International Journal of Pharmaceutical Research and Bio-Science* (IJPRBS) [[www.ijprbs.com](http://www.ijprbs.com)].
- 87) Editorial Board Member of the *International Journal of Education and Applied Research* (IJEAR)- Cosmic Journals [[www.ijear.org](http://www.ijear.org)].
- 88) Reviewer for *International Journal of Agricultural Science Research* (IJAR) [[www.academersearchjournals.org/IJAR](http://www.academersearchjournals.org/IJAR)].
- 89) Editorial Board Member of the *Journal of Scientific Research and Reviews* (<http://www.wudpeckerresearchjournals.org/JSRR>).
- 90) Reviewer for *International Journal of Basic and Clinical Pharmacology* (IJBCP) [[www.ijbcp.com](http://www.ijbcp.com)].
- 91) 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)].
- 92) Advisory editorial member/ referee in *Journal of Pharma Research* ([www.jprinfo.com](http://www.jprinfo.com)).
- 93) Editorial Board Member of the *Advanced Research in Biological Sciences* (ARBS) [Access International Journals, [www.accessinternationals.org/ARBS](http://www.accessinternationals.org/ARBS)].
- 94) Reviewer for *World's Poultry Science Journal* ([www.wpsa.com/journal/wpsj.html](http://www.wpsa.com/journal/wpsj.html)).
- 95) Editorial Board Member of the *Sky Journal of Biochemistry Research* (SJBR) [[www.skyjournals.org/SJBR](http://www.skyjournals.org/SJBR)].

#### MEMBERSHIP OF SCIENTIFIC SOCIETIES/BODIES

- Fellow, Society for Applied Biotechnology, India ([www.sabt.org.in](http://www.sabt.org.in))
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- Fellow, International Science Congress Association, India ([www.isca.in](http://www.isca.in))
- Member of the International Biographical Centre, Cambridge, England, LEADING SCIENTISTS OF THE WORLD 2012 ([www.internationalbiographicalcentre.com](http://www.internationalbiographicalcentre.com))
- Sir Isaac Newton Scientific Award of Excellence 2012 by the American Biographical Institute, Inc., Raleigh, North Carolina, USA ([www.abiworldwide.com](http://www.abiworldwide.com))
- Member of the International Biographical Centre, Cambridge, England, TOP 100 SCIENTISTS ~2012~ ([www.internationalbiographicalcentre.com](http://www.internationalbiographicalcentre.com))

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International Biographical Centre, Cambridge, England, 2000 Outstanding Intellectuals of the 21<sup>st</sup> Century ~2013~

Editor-in-Chief, *SCIENCE REUTERS*, UK (<http://www.sciencereuters.com>)

Specialized Managing Editor (Microbiology), *WebMedCentral plus*

Main Editor, *Journal of Veterinary Medicine and Animal Health* (JVMAH) [<http://www.academicjournals.org/JVMAH/>]

Editor, International Journal of Bio-Resource and Stress Management ([www.pphouse.org](http://www.pphouse.org))

Editor, Journal of Clinical Immunology & Immunopathology Research ([www.academicjournals.org/jciir/](http://www.academicjournals.org/jciir/))

Editor, *Science Alert Journals* ([www.scialert.com](http://www.scialert.com))

Editorial Board member, *International Journal of Lakes and Rivers* (IJLR) (<http://www.ripublication.com/ijlr.htm>)

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.reassign.com/home.aspx](http://www.reassign.com/home.aspx))

Editor, Double Helix Research- An International Journal of Bio-Medical and Life Science Research ([www.doublehelixresearch.com](http://www.doublehelixresearch.com))

Honorary Editor, *Journal of Biological and Chemical Research* ([www.jbcr.in](http://www.jbcr.in))

Member Editor, *Global Advanced Research Journal of Biotechnology* (GARJB) [[www.garj.org/garjb](http://www.garj.org/garjb)]

Member Editor, *Advances in Pharmacoepidemiology and Drug Safety* and *Journal Drug Metabolism & Toxicology* (OMICS Group) [[www.omicsgroup.org/journals/apds.php](http://www.omicsgroup.org/journals/apds.php); [www.omicsgroup.org/journals/jdmt.php](http://www.omicsgroup.org/journals/jdmt.php)]

International Advisory Board member of *Asian Journal of Biological and Life Sciences* ([www.ajphs.com](http://www.ajphs.com))

Honorary contributing Author for the *Journal of Indian Leather Technologists' Association* [JILTA] ([www.iltaonleather.org](http://www.iltaonleather.org))

#### 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 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) [LM No.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) [Direct member 2010-11, Sr.No.32].
- 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 of the *International Journal of Agricultural Sciences* (IJAS) [Life Membership No.: IJAS/L/04/12].
- xvi) Annual Subscription in *Fishing Chimes - The National Fisheries Journal of India* (Subscription No. 4197).
- xvii) Online registration in *Indian National Science Academy* (INSA) [User name: [insa\\_8651](#)].
- xviii) Online subscriber of *Society for Applied Biotechnology* [Username: [ganguly38](#)].
- xix) 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).
- xx) Online registration in *IndianJournals.com* (Username: [ganguly38](#)).
- xxi) Online subscriber of *Indian Journal of Public Health* (Username: [ganguly38](#)).
- xxii) Online subscriber of the *Indian Journal of Animal Sciences* and the *Indian Journal of Fisheries* (Publications / Periodicals of ICAR) (Username: [drsg](#)).
- xxiii) Online subscriber of *Central Marine Fisheries Research Institute (CMFRI)* digital Library & publications, Cochin.
- xxiv) Online registration in *Trends in Bio-Sciences- Scientific Journal of Bio-Sciences* (Username: [ganguly38](#)).
- xxv) Online registration/ subscriber of the *Journal of Indian Medical Association* (Username: [ganguly38](#)).

#### International

- i) Subscriber of *Animal Science Reporter* (journal).
- ii) Online Subscriber of *World Veterinary Association (WVA)*.
- iii) Online Member of *British Veterinary Association (BVA)*.

iv) Online Member of *International Veterinary Information System (IVIS)* [Member code: [Ganguly](#)].

v) Online Subscriber of *Wildlife Middle East (WME) News*.

vi) 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](#)].

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viii) Online Subscriber of *Indian Journal of Microbiology (Official publication of the Association of Microbiologists of India)*; *SpringerLink Journal* [Username: [ganguly38](#)].

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xi) Online Subscriber of *ScienceDirect Journals* [Username: [subhaganguly](#)].

xii) Online Subscriber of *Wiley-Blackwell Journals* [Username: [ganguly38](#)].

xiii) Online subscriber of *BioMed Central Open Access Journal Policy* [Username: [ganguly38](#)].

xiv) Online subscriber of *Pharmacologia*, UK [Username: [ganguly38](#)].

xv) Online subscriber of *Science Reuters*, UK [Username: [ganguly38](#)].

xvi) Online subscriber of *CABI journals/abstracts* ([www.cabi.org](#)).

xvii) Online subscriber for *Veterinary Record- Journal of the British Veterinary Association* (Username: [ganguly38@gmail.com](#)).

xviii) Online subscriber of *Science Alert journals* ([www.scialert.com](#)).

xix) Online subscriber of *International Scholarly Research Network* (journals).

xx) Online subscriber of *Agriculture & Food Security* (Biomed Central journal).

xxi) Online monthly newsletter subscriber to *World Society for the Protection of Animals* (WSPA International).

xxii) Subscriber of *Animal Science Reporter* (International journal of animal science research).

xxiii) Online subscriber of *Intersci Journals* series ([www.intersci.info](#)).

xxiv) Online subscriber of *nature.com* ([www.nature.com](#)).

xxv) Online subscriber for *WebmedCentral.com* ([www.webmedcentral.com](#)) [Username: [ganguly38](#)].

xxvi) Subscriber of *MehtaPress.com* journals ([www.mehtapress.com/journals](#)).

xxvii) Online subscriber of [Herbalencyclo.com](#) - a herbal blog.

xxviii) Online subscriber of *Veterinary Science Development* (<http://www.pagepress.org/journals>).

xxix) Online subscriber of [www.goodmorningheart.com](#) - blog for heart care, healthy food, cholesterol control etc.

xxx) Online subscriber of *Dovepress journals*- open access to scientific and medical research ([www.dovepress.com](#)).

xxxi) Online subscriber/ registration in *ThePoultrySite* ([www.thepoultrysite.com](#)).

xxxii) Online subscriber of the *International Journal of Chemical and Biochemical Science (IJCBS)*. Published by International Scientific Organization (<http://iscientific.org/Journal.html>).

xxxiii) Online subscriber of *Scientia Publications* ([www.assobp.org/scientiapublication](#)).

xxxiv) Online subscriber of *Innovative Journal of Medical and Health Sciences* (<http://www.innovativejournal.in/index.php/ijmhs>) [Username: [ganguly38](#)].

xxxv) Online subscriber/ user of the *BioPublisher*- An open access publishing platform and the *International Journal of Molecular Zoology* (<http://bio.sophiapublisher.com/>) [Username: [ganguly38](#)].

xxxvi) Online subscriber of the *Journal of Scientific Research in Pharmacy* (<http://www.jsrponline.com/>) [Username: [ganguly38](#)].

xxxvii) 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](#)).

xxxviii) Online LinkedIn ([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' and 'LSW LifeScienceWorld ([www.lifescienceworld.in](#)) - an Online Magazine from India on Pharma and Biotech industry (Username: [drsganguly1982@indiatimes.com](mailto:drsganguly1982@indiatimes.com)).

xxxix) 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), *Obhoyannonno-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' and 'Advances in Pharmacoepidemiology & Drug Safety' (Username: [ganguly38@gmail.com](mailto:ganguly38@gmail.com)).

## LIST OF PUBLICATIONS

### BOOKS / MONOGRAPHS AUTHORED

#### International:

- 1) Ganguly, Subha; Das, R. and Mukhopadhyay, S. K. (2011) 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. (2011) 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. (2011) 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. (2012) 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 (2012) 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)).

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

Number of Books authored as First Author	<b>05</b>
Number of Books co-authored	<b>03</b>

### MANUAL CHAPTERS AUTHORED

- 1) De, Debasis; Ghoshal, T.K.; Pramanik, Atanu and Ganguly, Subha (2009) Isolation, identification and methods of use of different beneficial microbes as probiotics in aquafeed. Central Institute of Brackishwater Aquaculture (ICAR) Special Publication for its Kakdwip Research Centre *Training Manual on Brackishwater Aquaculture (4 - 25 May, 2009)*, **41**: 173-175.
- 2) De, Debasis; Ghoshal, T.K.; Ananda Raja, R.; Pramanik, Atanu and Ganguly, Subha (2009) Estimation of different digestive enzymes of shrimp and finfish. Central Institute of Brackishwater Aquaculture (ICAR) Special Publication for Kakdwip Research Centre *Training Manual on Brackishwater Aquaculture (4 - 25 May, 2009)*, **41**: 179-180.

### RESEARCH ARTICLES

#### National:

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

#### Number of citations in other publications: 24

Number of Research Articles authored as First Author	<b>04</b>
Number of Research Articles co-authored	<b>70</b>
Number published/Accepted in National journals	<b>50</b>
Number published/Accepted in International journals	<b>24</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.

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

\*\*National Academy of Agricultural Sciences, India.

**Number of citations in other publications: 18; Number of publications voluntarily shared among international scientific community and academia: 03**

Number of Review Articles authored as First Author	<b>34</b>
Number of Review Articles co-authored	<b>08</b>
Number published/Accepted in National journals	<b>22</b>
Number published/Accepted in International journals	<b>20</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.

**POINTS SECURED FROM REVIEW PAPERS ACCEPTED & PUBLISHED  
(AS PER NAAS\* JOURNAL RATINGS 2011-2012)**

**42.3**

\*National Academy of Agricultural Sciences, India.

**POPULAR / TECHNICAL ARTICLES**

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

Number of Popular/Technical Articles authored as First Author	<b>36</b>
Number of Popular/Technical Articles co-authored	<b>02</b>

P.S.: Many Popular articles on interesting aspects related to Veterinary, Animal & Fishery Sciences have been communicated to National Journals & magazines of high esteem & repute which will be Published in them soon.

#### ABSTRACTS, EXTENDED ABSTRACTS AND WRITE-UPS

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