**2015**

1. **Life Time Achievement Award (27th July, 2015)**

The Executive Committee felicitated some eminent Zoologists with Life time achievement awards in a befitting and very well attended programme on 69th Annual General Meeting. The names of the awardees are (1) Dr. Hirendra Lal Kundu, Ecologist, Salt Lake, (2) Dr. Ashish Ghosh, Director, Zoological Survey of India, (3) Prof. Bimal Ghosh, (4) Prof. Dilip Kumar Nanda, University of Calcutta and (5) Prof. NikunjaBehari Chatterjee, University of Calcutta. Dr. K. Venkataraman, the President of the society honoured the awardees. The learned audience in the programme gave standing ovation to the awardees on completion of touching lectures by the persons of eminence.

1. **A Day-long seminar (15th June, 2015)**

A Day-long seminar for selection of awardees for the year 2015–2016 for SudevBhusan Ghosh Young Scientist Award, R. K. Sur Memorial Medal, S. P. Raychaudhuri Memorial Medal and Manju Biswas Award of Excellence. The society organized a day-long meeting of experts nominated by the executive committee for selection and recommendation of candidates for the endowment awards.

1. **A 10-day’s Workshop on “Instrumentation and Statistical Application in Life Science Research” (08.10.2015 to 07.11.2015)**

The Workshop **was** jointly organized with Department of Zoology, University of Calcutta was undertaken in collaboration with Indian Association for Productivity, Quality and Reliability. Altogether 20 teachers and researchers participated in the programmes from Colleges, Universities and research institutes of Eastern and north eastern states.

Three best participants–

(1) Krishnendu Ghosh, Research Scholar, Dept. of Botany, University of Calcutta,

(2) Dr.Asutosh Mukherjee, Assistant Professor, Vivekananda College and

(3) Dr.Sriparna Dutta Ray, Assistant Professor, Sreegopal Banerjee College, Bagati, Magra, Hooghly, Pin-712148.

**2016**

**1. National Level Young Scientists’ Meet-2016 (5 - 6th February, 2016)**

**Prof. Hiralal Chaudhuri Commemorative Conference**

Venue : Centre for Research in Nanoscience and Nanotechnology (CRNN), University of Calcutta, JD-2, Salt Lake City, Kolkata-700 098.

Theme : Research Innovations in Aquatic Genomics & Biotechnology –An Indian Perspective.

**Recognition of Scientists :**

Dr. B. Meenakumari, in recognition to her long dedicated and outstanding contribution in the field of Fishery and Aquatic Sciences.

Dr. N. S. Nagpure, in recognition to his long dedicated and outstanding contribution in the field of Fishery and Aquatic Sciences.

Dr. V. S. Chandrasekaran, in recognition to his long dedicated and outstanding contribution in the field of Fishery and Aquatic Sciences.

Dr. K. K. Lal, in recognition to his long dedicated and outstanding contribution in the field of Fishery and Aquatic Sciences.

Dr. H. K. Barman, in recognition to his long dedicated and outstanding contribution in the field of Fishery and Aquatic Sciences.

Dr. U. K. Sarkar, in recognition to his long dedicated and outstanding contribution in the field of Fishery and Aquatic Sciences.

Dr. Satyanarayan, in recognition to his long dedicated and outstanding contribution in the field of Ecology of Coral Reeb.

**‘National Level Young Scientists’ Meet–2016’**, being organized by The Zoological Society a premier learned society (estd. 1948) for the furtherance of the cause of Zoology and Allied Sciences and the Department of Zoology, University of Calcutta. The society has more than 1000 members both from India and abroad. A number of distinguished Honorary National and International fellows and FZS titleholders from all over India have brought glory to the society.

This year, commemorating Late Dr. Hiralal Chaudhuri, an Honorary National Fellow of the society and an alumnus of the Dept. of Zoology, the theme is ‘Innovative Research Contributions in Aquatic Genomics and Biotechnology – An Indian Perspective’. This meeting is unique being a research intensive event to be held in the conference facility of the Centre for Research in Nanoscience and Nanotechnology (CRNN), University of Calcutta and would provide a platform for young generation scientists to deliver, interact and form possible collaborations and a large number of young scientists from all over India will participate. A large number of young scientists and Faculty members of colleges and Universities along with advanced students and researchers from all over India will be attending the same.

Delegates and Nature of the meet **:** Plenary lectures and Key note lectures by eminent scientists**,**Invited Lectures only by selected young generation scientists with proven record of significant contribution. Poster presentation by selected registered participants.

We will carry forward the vision of the great Scientist Dr. Hiralal Chaudhuri in real earnest as he believed in the youthful ideas and nurtured many young scientists who contributed in great measures in their later life.

**Poster Evaluation Results :**

**1st :** Adwitiya Chaudhuri*,* **2nd :** Anisa Mitra, **3rd :** Amit Mondal.

**Special Award for POSTER PRESENTATION :**

**Suvra Roy**, Scientist, Central Inland Fisheries Research Institute (ICAR), Barrackpore, North 24-Paranas, Kolkata-700120.

**Hiralal Chaudhuri Medals for Excellence in Innovative Research :**

Dr. M. Goswami (CIFE), Dr. Binsi P.K. (CIFT), Dr. Kaushik Ghosh (BU), Dr. Toms C. Joseph (CIFT), Dr. Sriparna Datta Ray (ABRRL, CU), Dr. Kiran Dasrath Rasal (CIFA), Dr. Suman Bhusan Chakraborty (CU), Dr. Amiya Kr. Sahoo (CIFRI), Dr. Subhashree Sengupta (ABRRL, CU), Dr. A. S. Barman (CAU), Mr. Annam Pavan Kumar (CIFE), Mr. Rakesh Das (CIFA), Ms. Muthu Lakshmi (CIFT).

**2. Hands on Training on “FLOWCYTOMETRY” (**17-20th March, 2016)

Eligibility : M.Sc. Student in Zoology

Fees :Associate Members (students) of The Zoological Society who have registered for “Young Scientists’ Meet-2016”

Forty five (45) students are participating in this training.

**3. Zoo Quest, 2016 Programme (**7th May, 2016)

The Zoological Society, Kolkata and the Department of Zoology, University of Calcutta in collaboration with West Bengal Biodiversity Board have organized an extempore, a photographic and quiz competition for UG and PG students of different Colleges and Universities. The ‘Zoo Quest 2016’ was held on 7th May, 2016 at Kennedy Hall of the Institute of Jute Technology, University of Calcutta. The programme was inaugurated by Dr. J.R.B. Alfred, President of the Society *(former Director, Zoological Survey of India).* Dr. A. K. Sanyal, Chairman, West Bengal Biodiversity Board was also present.

Altogether 190 students representing different Colleges and University participated in the programme for quiz, extempore and photographic contest. The ‘Zooquest 2016’ was conducted very efficiently and successfully by the zooquest team comprising of Sri Sourav Dutta, Miss Ankana Sanyal, Miss Gargi Majumdar, Sri Anirban Roy, Sri Archisman Ghosh, Miss Shreya Banerjee, Miss Purbita Bandyopadhyay, Sri Sarbasis Datta and Sri Ratul Bhowmick. The judges of this competition comprise of Prof. Santigopal Pal, Prof. Tanmoy Bhattacharyya, Dr. S. K. Raut, Sri Biswatosh Sengupta, Sri Achinta Kr. Saha and Sri Suman Saha. The programme was a grand success mainly due to untiring help and support of the students of the Department of Zoology.

Dr. Mira Bhowmick has donated Rs.3,000/- for Zooquest programme. The Executive Committee decided two memorial trophy using the donated money in the name of - (1) Prof. J. N. Rudra Memorial Trophy (Winner of Zooquest Quiz Competition) for Undergraduate level, (2) Prof. S. P. Sarkar Memorial Trophy (Winner of Zooquest Quiz Competition) for Postgraduate level.

The participation certificates were given away by the Secretary and a vote of thanks was proposed by Dr. A. K. Sarkar of the society. The programme was a part of celebration of Biodiversity week.

The names of the participating teams and winners are mentioned as follows :

Result of ZOO QUEST 2016

(1) Total Number of Participants-(Quiz-138),(Extempore-17), (Photography-27)

(2) Total No of Participating Colleges & University – 19

(3) Name of Participating Colleges & University –

(a) Asutosh College, (b) City College, (c) Ramkrishna Mission Vivekananda Centenary College,

(d) Bangabasi College, (e) Surendranath College, (f) Sarsuna College, (g) Maulana Azad College,

(h) Panihati Mahavidyalaya, (i) Dinabhandhu Andrews College, (j) Lady Brabourne College,

(j) Serampore College, (k) Ballygunge Science College, (l) Raja Peary Mohan College,

(m) Gurudas College, (n) Sidhu-Kanu Birsha University, Purulia,(o) West Bengal State University, Barasat.

(4) Results of different events -

Zooquest Logo winner – Susmita Basak, Vidyasagar College.

|  |  |  |
| --- | --- | --- |
| **Photography**  1. Sohela Sarkar  Lady Brabourne College  2. Adrita Gosh  Bangabasi College  3. Koustav Mukherjee  City College |  | **Extempore**  1.Aratrika Chatterjee  Moulana Azad College  2. Somenath Sen  Dinabandhu Andrews College  3. Sohini Chatterjee  Raja Peary Mohan College |
| **QUIZ** |  |  |
| **UG**   1. Aditya Banerjee   Koustav Mukherjee  Kunal Prakash Chowdhury  City College   1. Pradipta Kumar Gosh   Koustav Bhattacharjee  Debojyoty Gosh  Ramkrishna Mission Vivekananda Centenary College  3. Shinjini Basu  Moumita Sil  Sinchan Ghosh  Moulana Azad College |  | **PG**     1. Rahul Bose   Pryanka Gosh  Paschatya Manna  Bangabasi College   1. Ankit Gosh   Shritama Gupta  Shubhojit Paul  Moulana Azad College   1. Sourabh Biswas   Shuvam Das  Supriya Nath  West Bengal State University |

**4. Life Time Achievement Award (29th July, 2016)**

The Executive Committee felicitated some eminent Zoologists with Life time achievement awards in a befitting and very well attended programme on 69th Annual General Meeting .The names of the awardees are (1) Prof. Subir Chandra Ganguli, Vivekananda College, Barisha, (2) Prof. Taramarayan Ghosh, Calcutta School of Tropical Medicine, (3) Dr. Kamakhya Pada Biswas, Joint Director of Fisheries, Govt. of Orissa, (4) Prof. Sudbhangshu Ghosal, University of Burdwan, and (5) Dr. Prabodh Kumar Maiti, Emeritus Scientist & Joint Director, Zoological Survey of India, the President of the society honoured the awardees. The learned audience in the programme gave standing ovation to the awardees on completion of touching lectures by the persons of eminence.

**5. Award of different Citations and Medals (29th July, 2016)**

1. **S. P. Raychaudhuri Memorial Medal (2015) : Dr. Sourav Mukherjee**, Research Scholar, Department of Zoology, Visva Bharati University, Santiniketan-731235, has been selected for the award of **Best Poster presentation** on “Synchronizer in gut melatonin rhythms in carps”.
2. **K. C. Ghose Memorial Medal (2015) :** For securing highest marks in the M.Sc. (Zoology) final examination from the University of Calcutta. Smt. **Adrija Modak,** Department of Zoology, University of Calcutta,has been selected for K. C. Ghose Memorial Medal for 2015.
3. **D. N. Raychaudhuri Memorial Medal (2015) :** For securing highest marks in the M.Sc. Entomology Elective paper examination from the University of Calcutta. Smt. **Tapasree Gupta,** Department of Zoology, University of Calcutta,has been selected for D. N. Raychaudhuri Memorial Medal.
4. **A. S. Mukherjee Award of Excellence in Genetics (2015) :** For securing highest marks in the M.Sc. final examination in Genetics elective paper in Zoology from the University of Calcutta. Sri **Saurav Dutta,** Department of Zoology, University of Calcutta,has been selected for A. S. Mukherjee Memorial Medal for the year 2015.
5. **A. K. Bhowmick Memorial Medal (2015) :** For securing first position in the B.Sc. Zoology honours examination from the University of Calcutta. Smt. **Swarnali Roy,** Bethune College, has been selected for medal for A. K. Bhowmick Memorial Medal for the year 2015.
6. **Sudev Bhusan Ghosh Young Scientist Award (2015) :** **Damanbha Lyngdoh**, Research Scholar, Department of Zoology, North-Eastern Hill University,Shillong-793022, Meghalaya,has been selected for his scientific contribution on the “Phylogeography of the common liver fluke *Fasciola* spp. (Platyhelminthes : Trematoda : Fasciolidae) using nuclear and mitochondrial gene markers : Clues from Northeast India”.
7. **J. L. Bhaduri Memorial Medal for Excellence in Research (2015) :Dr.Sumana Saha**, Associate Professor, Department of Zoology, Darjeeling Government College, Darjeeling-734101, has been selected for the Medal for the year 2015 for the outstanding paper.
8. **Manju Biswas Award (2015) :** Sri **Bidesh Chatterjee** (Special paper Cell & Molecular Biology) has been selected for his review paper.
9. **D.** **N. Raychaudhuri Benevolent Award (2015) :** Smt. **Rakhi Chowdhury**, B.Sc. student, Department of Zoology, Charuchandra College, Kolkata has been selected for securing highest marks in Zoology(Hons.) amongst the candidates of Charuchandra College who appeared in Zoology (Hons.) Examination in 2015 and admitted into the M.Sc. (Zoology) course of Calcutta University.

**10) The Zoo Quest Leadership Award (2016) :** The executive committee presents the award to six students this year for their commitment and organizing skills to successfully build a significant link between the Society and the student community of Zoology throughout West Bengal colleges and Universities through Zooquest programme. The awardees are : **Ankana Sanyal, Gargi Majumdar, Anirban Roy, Archisman Ghosh, Shreya Banerjee, Purbita Bandyopadhyay, Sarbasis Datta and Ratul Bhowmick.**

**6. A Day-long Seminar (12th July, 2016)**

A Day-long seminar for selection of awardees for the year 2016–2017 for Manju Biswas Award of Excellence.The society organized a day long meeting of experts nominated by the executive committee for selection and recommendation of candidates for the endowment awards.

**2017**

**1. Commemoration Lecture, Seminar, Workshop (8th Feb., 2017)**

**M. M. Chakravarty Memorial Lecture :**

**Prof. Amitabha Nandy**, Professor (Retd.) and former Chairman, Division of Parasitology, Calcutta School of Tropical Medicine will speak on “Vector borne tropical diseases and their socio-medical impact”.

**D. N. Ganguly Memorial Lecture :**

**Dr. Goutam Narayan**, Project Director, Pygmy Hog Conservation Programme, Ecosystem-India & Durrell Wildlife Conservation Trust, Gauhati, Assam will speak on “Added benefits of saving a sensitive indicator species – conservation programme for critically endangered pygmy hog (*Porcula salvania*) also helps other inhabitants of the grassland habitat” on 8th February, 2017.

**2. National Conference on Neo-classical Approaches in Zoological Sciences” and A Zoological Society Initiative IInd - ‘Young Scientists’ Meet’ (YSM) – 2017 to be organized by Madras University, Department of Zoology and The Zoological Society, Kolkata** **(16-17th Feb., 2017)**

**National Conference :**

10–12 Top level Zoologists will be invited to give Lead / Plenary / Key note lectures of 30 minutes duration in different sessions. (About 5 – 6 hours of Academic Activity). The Zoological Society will also felicitate the scientist.

1. 10 – 12 young scientists (at Post Doc. Level, Assistant Professors of College / Universities, Scientist C/D of research Institutes) will be invited to deliver oral presentation of 15 minutes each (selection to be made from invited Abstract submission by a screening committee) – All young scientist presenting papers would be awarded with The Zoological Society Innovative Research Medal (3 hours of lecture time).

Poster presentation of pre-doctoral research students / P.G. students.

**3. Bio-Scope, 2017 beyond biology (17th March, 2017)**

Report on Bioscope, 2017

(a) Total no. of participants = 218 (UG + PG)

(b) Popular lecture was delivered by Mr. Pathik Guha, ABP Ltd.

(c) A panel discuss was conducted by :

(1) Dr. Debahut Ghosh Thakur, Chief Reporter, ABP Ltd. and Environmentalist.

(2) Prof. Krishnendu Achariya, Professor, Dept. of Botany, University of Calcutta

(Workshops were conducted on the following topics :

(1) “Bio-informatics” by Dr. Semanti Ghosh, Kalyani University.

(2) “Call of the Wild” by Dr. Arpan Parui, Mr. Supratim Laha & Mr. Debaditya Kumar,

University of Calcutta.

(3) “Online Resource Mining” by Mr. Anirban Sengupta, University of Calcutta.

(4) “World of Microbes” by Mr. Subir Biswas & Ms. Misidona Biswas, University of Calcutta.

(5) “Molecular Wonder” by Mr. Ritwik Datta, Mr. Ratul Datta Chaudhuri, University of Calcutta.

(6) “Career Counseling” by British Council and United States Education Foundation.

(7) “Basics of Flowcytometry” by Dr. Sanjaya Mallick, M/s Flowcytometry Solutions Pvt. Ltd.

(8) “Cell Imaging Analysis” by Olympus.

A career counseling session was organized by United States Education Foundation,

American Consulate, Kolkata.

**This year the society is giving Prof. Tarachan Nandi Memorial Trophy to the participant students of** **Ramkrishna Mission Vivekananda Centenary College, 2017**.

Prof. T. C. Nandi was the Chairman in the meeting of the provisional committee for the formation of the Zoological Society of Bengal on 10th December, 1945 when Dr. S. P. Raychaudhuri was the Convenor.

**4. Flowcytometry / Hands on Training (18th March 2017)**

A Hands on Training was organized for PG students on Flowcytometry and Cell Imaging Techniques. Total 15 students participated in the training.

**5. Zoo Quest, 2017 Programme (18th March 2017)**

Zoo Quest, 2017 Programme :

The Zoological Society, Kolkata and the Department of Zoology, University of Calcutta in collaboration with West Bengal Biodiversity Board have organized an extempore, a photographic and quiz competition for UG and PG students of different Colleges and Universities. The ‘Zoo Quest 2017’ was held on 6th May, 2017 at Kennedy Hall of the Institute of Jute Technology, University of Calcutta. The programme was attended by faculty members of different Colleges and Universities.

Altogether 212 students representing different Colleges and University participated in the programme for quiz, extempore and photographic contest. The ‘Zooquest 2017’ was conducted very efficiently and successfully by the zooquest team comprising of Miss Shreya Banerjee, Miss Purbita Bandyopadhyay, Sri Sarbasis Datta, Sri Ratul Bhowmick. Sri Ranit D’rozario, Miss Rupsa Mondal, Miss Moumita Sil, Miss Suchismita Dutta and also Sri Sourav Paul, Dushant Srivastava, Sri Anirban Roy, Sri Archisman Ghosh, The judges of this competition comprise of Prof. Pulak Lahiri, Prof. Tanmoy Bhattacharyya, Dr. S. K. Raut, Sri Biswatosh Sengupta, Sri Achinta Kr. Saha and Sri Suman Saha. The programme was a grand success mainly due to untiring help and support of the students of the Department of Zoology.

The Executive Council decided to award two memorial trophy in the name of –(1) Prof. J. N. Rudra Memorial Trophy (Winner of Zooquest Quiz Competition) for Undergraduate level, (2) Prof. S. P. Sarkar Memorial Trophy (Winner of Zooquest Quiz Competition) for Postgraduate level. Donation has been received with thanks from Dr. Mira Bhowmick for the awards.

The participation certificates were given away by the Secretary and a vote of thanks was proposed by Prof. Sumit Homechaudhuri, Hony. General Secretary of the society.

The names of the participating teams and winners are appended herewith.

Result of ZOO QUEST 2017

1. Total Number of Participants-(Quiz -114)

- (Extempore - 15)

- (Photography-39)

1. Total No of Participating Colleges & University – 24
2. Name of Participating Colleges & University –

*(a) West Bengal State University, Barasat, (b) Sidhu-Kanu Birsha University, Purulia,(c) Kalyani University, (d) Vidyasagar College, (e) Bethune College, (f) Scottish Church College (g) Gurudas College, (h) Ballygunge Science College, (i) Serampore College, (j) Lady Brabourne College, (k) Dinabhandhu Andrews College, Garia,(l) Maulana Azad College,* *(m) Asutosh College, (n) City College, (o) Ramkrishna Mission Vivekananda Centenary College,(p) Bangabasi College, (q) Surendranath College, (r) Sarsuna College, (s) Vivekananda College, (t) Kishore Bharati Vagini Nivedita College, (u) St. Xavier’s College, (v) Calcutta Institute of Engineering & Management,(w) Jogomaya Devi College.*

**6. A Day-long seminar (12th July, 2017)**

For selection of awardees for the year 2016–2017 for Manju Biswas Award of Excellence.The society organized a day long meeting of experts nominated by the executive committee for selection and recommendation of candidates for the endowment awards.

**7. Life time achievement award (28th July, 2017)**

**Felicitation to Eminent Zoologists for Life time achievement**

The Executive Committee felicitated some eminent Zoologists with Life time achievement awards on 28th July, 2017 in a befitting and very well attended programme. The names of the awardees are (1) Prof. Madhusudan Ghosal, (2) Prof. Biswaranjan Maiti, (3) Prof. Durga Prasad Haldar, (4) Prof. Bhabani Sankar Joardar and (5) Dr. Dhirendra Chandra Deb. Dr. J.R.B. Alfred, the President of the society honoured the awardees. The learned audience in the programme gave standing ovation to the awardees on completion of touching lectures by the persons of eminence.

**8. Fellows (28th July, 2017)**

The Executive Committee has decided to honour the following scientists as **Fellow** of the Society during the year 2016-17.

(1) Dr. Sibnarayan Dam Roy, Director, ICAR-Central Island Agricultural Research Institute, Post Box No. 181, Port Blair-744101, Andaman & Nicobar Islands for his valuable contribution in the field of Mangrove and Coral Ecological Studies, Brakishwater, Biodiversity and Conservation.

(2) Dr. Ramballav Roy, Professor, Department of Zoology, Goa University, Teleigao Plateau, Goa-403206for his outstanding contribution in the field of Environmental Physiology, Lipid Biochemistry and Nutritional Biochemistry in India.

(3) Prof. Nimai Chandra Saha, Honorable Vice-Chancellor, The University of Burdwan, Golapbag, Burdwan-713104, West Bengal for his outstanding contribution in the field of Fisheries Sciences, Aquatic Toxicology and Ecology & Environmental Sciences.

**9. Commemoration Lecture, Seminar, Workshop (28th July, 2017)**

**M. M. Chakravarty Memorial Lecture :**

**Prof. Arun K. Jadav**, Department of Zoology, North-Eastern Hill University, Shillong-793022 will speak on “Horsehair worms (Phylum : Nematomorpha) : an understudied group of parasites in Indian context” on 16th February, 2018.

**H. K. Mookerjee Memorial Lecture :**

**Prof. Jitendra Kumar Sundaray**, ICAR-Central Institute of Freshwater Aquaculture, Bhubaneswar-751002, Odisha will speak on “Innovation in Induced breeding of Fish” on 16th February, 2018.

**10. Award of different citations and medals**

1. **K. C. Ghose Memorial Medal (2017) :** For securing highest marks in the M.Sc. (Zoology) final examination from the University of Calcutta for 2016. Sm.**Sharmi Mukherjee,** Department of Zoology, University of Calcutta,has been selected for K. C. Ghose Memorial Medal.
2. **D. N. Raychaudhuri Memorial Medal (2017) :** For securing highest marks in the M.Sc. Entomology Elective paper examination from the University of Calcutta for 2016. Sm. **Priti Mondal,** Department of Zoology, University of Calcutta,has been selected for D. N. Raychaudhuri Memorial Medal.
3. **K. C. Ghose Memorial Medal (2017) :** For securing highest marks in the M.Sc. (Zoology) final examination from the University of Calcutta for 2016. Sm.**Sharmi Mukherjee,** Department of Zoology, University of Calcutta,has been selected for K. C. Ghose Memorial Medal.
4. **D. N. Raychaudhuri Memorial Medal (2017) :** For securing highest marks in the M.Sc. Entomology Elective paper examination from the University of Calcutta for 2016. Sm. **Priti Mondal,** Department of Zoology, University of Calcutta,has been selected for D. N. Raychaudhuri Memorial Medal.
5. **D.** **N. Raychaudhuri Benevolent Award (2017) :** Sm. **Shreya Sengupta**, B.Sc. student, Department of Zoology, Charuchandra College, Kolkata has been selected for securing highest marks in Zoology(Hons.) amongst the candidates of Charuchandra College who appeared in Zoology (Hons.) Examination in 2016 and admitted into the M.Sc. (Zoology) course of Calcutta University.
6. **Biswamoy Biswas Memorial Medal (2017) :** **Prof. Goutam Kr. Saha,** Department of Zoology, University of Calcutta has been selected for the award in the field of Vertebrate Zoology or Field Ornithology.
7. **A. S. Mukherjee Award of Excellence in Genetics (2017) :** For securing highest marks in the M.Sc. final examination in Genetics elective paper in Zoology from the University of Calcutta for 2016. Sm.**Annesa Das,** Department of Zoology, University of Calcutta,has been selected for A. S. Mukherjee Memorial Medal.
8. **A. K. Bhowmick Memorial Medal (2017) :** For securing first position in the B.Sc. Zoology honours examination from the University of Calcutta for 2016. Sm.**Sampriti Kundu,** Bethune College, has been selected for medal for A. K. Bhowmick Memorial Medal.
9. **Manju Biswas Award (2017) :** Sri **Anirban Roy,** M**.**Sc**.** student**,** special paper Immunology review paper entitled “Presence of brain structure anomaly in criminals especially suicidal attackers : A review in light of neuroimaging” has been selected.
10. **The Zoological Society Students’ Leadership Award (2017) :** The executive committee presents the award to six students this year for their commitment and organizing skills to successfully build a significant link between the Society and the student community of Zoology throughout West Bengal colleges and Universities through Zooquest programme. The awardees are : Miss Shreya Banerjee, Miss Purbita Bandyopadhyay, Sri Sarbasis Datta, Sri Ratul Bhowmick, Sri Ranit D’rozario, Miss Rupsa Mondal, Miss Moumita Sil, Miss Suchismita Dutta.
11. **Certificate of Appreciation for Bioscope Organization :**

The Bioscope Leadership awardees are : Miss Shreya Banerjee, Miss Purbita Bandyopadhyay, Sri Sarbasis Dutta, Sri Ratul Bhowmick, Sri Ranit D’orozario, Miss Moumita Sil, Sri Anirban Roy, Miss Gargi Majumdar, Sri Souvik Barik and Miss Debanjali Bhattacharya

**2018**

**1. INTZOOCON 2018**

The Department of Zoology, University of Calcutta in collaboration with The Zoological Society, Kolkata is organizing INTZOOCON 2018, a curtain raiser to commemorate 100 years of department on February 1 – 3, 2018 at Ramakrishna Mission Institute of Culture, Golpark, Kolkata. This premier International Conference will bring together a galaxy of eminent researchers from across the world and India. In addition to INTZOOCON 2018, also propose to host a myriad of events, such as workshops, outreach programmes and one-day seminars.

INTZOOCON 2018 will have 12 technical sessions, where eminent speakers from within the country and abroad will deliberate along with young researchers of the country. This would be a great event to highlight the various achievements of alumni of this department, majority of whom are also members of the Zoological Society. The outcome shall be published in the form of a Proceedings.

**2. WORKSHOP**

The Zoological Society, Kolkata in collaboration with ICAR-Central Institute of Fisheries Education, Salt Lake, Kolkata is organizing **one-day Farmers-Expert Interactive Workshop** on *“Prospects and Constraints of Aquaculture Practices”* on **February 19, 2018.**

**National Conference on “*Recent Trends in Zoological Research in North-East India*” to be organized by North-Eastern Hill University, Department of Zoology, Shillong-793022, Meghalaya and The Zoological Society, Kolkata held on April 19th – 20th, 2018.**

# 12 Top level Zoologists will be invited to give Lead / Plenary / Key note lectures of 20-30 minutes duration in different technical sessions. (About 5 – 6 hours of Academic Activity). The Zoological Society will also felicitate the scientists/Academicians.

**Invited Speakers :**

1. Prof. Samir Bhattacharyya, 2. Prof. Ananda Mukhopadhyay, 3. Prof. Vijay Chaudhari, 4. Prof. G. S. Solanki, 5. Prof. W. Viswanath, 6. Prof. Sarman Singh.

# 15 young scientists (at SRF, Post Doc. Level, Assistant Professors of College / Universities, Scientist C/D of research Institutes) will be invited to deliver oral presentation of 15 minutes each (selection to be made from invited Abstract submission by a screening committee) – The Zoological Society Innovative Research Medal will be awarded to Best young Scientist in each session , based on quality of work and presentation (3-4 hours of lecture time)

# Poster presentation of pre-doctoral research students / P.G. students, if any (separate session).

**3. Bio-Scope, 2018 beyond biology (17-18th March, 2018)**

Bio-Scope 2018 organized by the Zoological Society, Kolkata was held on the 17th and 18th of March 2018 at the Institute of Jute and Fiber Technology, Kolkata. The initiative was aimed at students from various disciplines of bioscience for the development of their soft skills and personal attributes that enable students to interact effectively and harmoniously with other people and enable them to exchange scientific thoughts, ideas and knowledge in an environment outside the classroom.

**Day 1** of Bio-scope attracted more than 150 undergraduate and postgraduate students of life science from within the city. The program comprised of a spectacular space show by Dr. Debiprasad Duari, Director, Research and Academics, M.P Birla Planetarium, Kolkata. Hedeliver a talk in the post lunch session of this event to enlighten and motivate young Life Science students. The participants of this programme will be undergraduate and postgraduate students from various disciplines of Life Sciences of different Universities and a motivating Career Counselling by Dr.Sanjaya Mallick.

The various attractions of Day 1 were the events like Inter College Debate Competition, Poster Presentation, Model Presentation. The debate competition witnessed whole hearted participation from not only the participants but, also from the Audience and the Judges. 25 Varied Posters on different fields of Biology were presented by over 50 enthusiastic students. The Model Presentation even witnessed the participation of students from different Colleges. Refreshments were provided in between the Events. The Judges for the Debate Competition were Prof. Pulak Lahiri, Prof Tanmoy Bhattacharya and Dr. Kamalesh Kumar Misra , and for Poster and Model Competition were Dr. Partha Biswas, Dr. Binayak Misra and Prof. Subir Dasgupta. At the end of the Day, Winners of different Events were announced.

The Winners of the Debate Competition were Snigdha Bhaumik and Prodipta Biswas of University of Calcutta. The runners-up for the event were Rashmi Das and Debasmita Baidya of University of Calcutta. In order to encourage the students, even the runners-up from both the Prelims were awarded by our respectable judges. The runners-up from Prelims 1 were Shuvagata Roy and Siddhartha Das from Ramkrishna Mission Vivekananda Centary College and from Prelims 2 were Ankush Mitra and Deeya Roy Chowdhury from University of Calcutta.

The winners of the Poster Competition were Kunal Pramanik and Prodipta Biswas of University of Calcutta and the Runners-up were Arghya Sinha, Satyakam Saha, Debapratim Pattanayak and Nilesh Barman from Ramkrishna Mission Vivekananda Centary College.

The Winners of the Model Competition were Rudrangshu Bandhopadhya, Souvik Chakraborty and Sumit Kumar Pramanik from Ramkrishna Mission Vivekananda Centary College and the runners-up for the same event were Prachyaprachetah Sarkar, Padmanava Dasgupta, Soham Basu , Amartya Bagchi and Dipak Shil from the same Institution.

**4. Flowcytometry / Hands on Training (18th March, 2018)**

**Day 2** A Flow Cytometry workshop was organized which was conducted by Dr. Sanjaya Mallick, Director and Chief Scientist of Cytometry Solutions Pvt.Ltd. The workshop was held in Department of Zoology, University of Calcutta. It was highly educational and the participants experienced hands on training.

A total of 52 post-graduate students from different colleges participated in this **workshop**. A Field Workshop was organized at The Acharya Jagadish Chandra Bose Indian Botanic Garden, Shibpur, Howrah and it was conducted by Nature Mates. It was an amazing experience and everyone came across a lot of interesting facts.

A total of 53 under-graduate and post-graduate students from different colleges participated in the field work.

**5. National Conference on Recent Trends in Zoological Research in North East India**

*Jointly Organized by*

**Department of Zoology, North Eastern Hill University &The Zoological Society, Kolkata**

**19 – 20th April, 2018**

The National Conference on "Recent Trends in Zoological Research in North East India" had been organized to showcase the current course of research works that are being carried out in the field of Zoological Sciences in the Eastern and North-Eastern India with the aim of increasing scientific interactions among researchers of the Eastern and North-Eastern region with other parts of India and to recognize the promising frontiers of research in this field. The national level conference also served to address and recognize the promising frontiers of research through several Invited Lectures, Oral Presentations, Poster Presentations and Panel Discussions with subject experts that would ultimately intensify and enhance the quality of research in the upcoming years and which was parallelly reflected in the extensive range of themes which catered to the different branches of Zoology.

Northeast India is geographically nestled in one of the most biodiversity-rich regions of the world. During the past three decades, the region has been through several priority-setting processes on the initiative of the National and International conservation agencies. These have highlighted the species and sites of conservation concern. The region is not a homogenous entity but a highly diverse mosaic of ecological, social and physiological landscapes and thus needs intensive analysis and attention to conservation. However, the region also provides an immense opportunity to its stakeholders to exhibit a strong willingness to balance conservation and development so as to reflect the sustainable use of its resources and ensure livelihood security.

**Objectives**

1. Primary focus on North East with inputs from other Eastern states developing zonal collaborations for making future interdisciplinary collaborations on common areas and themes that require immediate importance.

2. Interactions among young generation scientists as well as with the eminent Scientists to promote academic and scientific research excellence.

3. Exploration of novel ideas of research goals and their respective methodologies

or interpretations can be well illustrated for a wider scientific audience.

**Brief Report of Conference**

The National Conference on **"Recent Trends in Zoological Research in North East India**" jointly organized by the Department of Zoology, North Eastern Hill University and the Zoological Society was held on 19th and 20th April, 2018 with aim of understanding the current updates in the research work focused primarily of North Eastern India. After 2 rigorous days of the conference consisting of Invited Lectures, Oral presentations, Posters and interactions, it is high time to ponder over the issues in Question-to take stock of current research directions as reappraisal and at the same time take note of the positives as the outcome while criticizing ourselves constructively- so that the negatives are overcome with appropriate guidance. Therefore an analysis of the academic inputs would surely be fruitful. A brief account of the proceedings is made as follows. The invited lectures delivered by prominent personalities were indeed of high value in content and analysis- imparting new vistas in the avenues of knowledge to all of us on various issues. From a statistical point of view there were **7 Invited lectures** delivered by eminent scientists across major universities and esteemed institutes of India viz **Visva Bharati, University of North Bengal, CIIDRET, 1CAR- Research complex of NEH, ICAR- CIFRI, Mizoram University, Assam University, Manipur University** along with **17 oral presentations by young scientists**

The following eminent speakers gave the Invited Lectures

1. **Prof. Samir Bhattacharya**, an Emeritus Professor of the Centre for Advanced Studies in Zoology. Visva- Bharati University discussed the chemical cues from diatoms that helped in the navigation during Hilsa Migration.

2. **Prof. Ananda Mukhopadhyay** discussed the artificial diet designing for rearing insect which is a much needed technology for pest management in tea.

3. **Prof. Vijay K. Chaudhuri**, ClIDRET, Department of Biochemistry University of Delhi (South Campus) discussed the role and its present day importance of antibodies

a threat in the coming times.

4. **Dr. Arnab Sen** described the emergence of swine flu and its importance as a threat in the coming times.

5. **Prof. G.S. Solanki**, Department of Zoology, Mizoram University, illustrated on the criteria of male selection in stump-tailed Macaques *( Macaca acrtoides* ).

6. **Prof. Abhik Gupta**, Department of Ecology & Environmental Science, Assam University, highlighted the importance of behavioral biomarkers in Environmental Toxicology.

7. **Prof. W. Vishwanath**, Department of Life Sciences, Manipur University described the endemic freshwater fishes of Northeast India.

Moreover there were a total of **12 oral and 122 poster presentations from all North Eastern states as well as other states of India which included West Bengal, U.P., Goa**, that covered a diverse field efforts by young scientists are encouraging with scopes tor improvement in the oral presentation which is achievable with proper exposure and guidance. Poster presentations in diverse subjects have earned great appreciations of all eminent jury members and other distinguished scientists and researchers.

This diversity of interest is in a very positive direction and is an indicative of the diversity of our resources and potentialities. This conference covered a vast of themes which are as follows :

**1. Toxicology and Toxico-genomics of pesticides based on evaluation of bio-pesticides as well the efficacy of natural substances in amelioration of pesticides.**

**2. Stress Physiology was mainly concentrated on the physiology of animals residing in altered environments.**

**3. Drug development using plant extracts used for cancer research.**

**4. Environmental Physiology and anatomical studies.**

**5. Biodiversity of terrestrial isopods and other invertebrates, their taxonomic explorations using DNA barcodes for finer taxonomic distinction of different species.**

**6. Ecology of species populations including pollinators.**

**7. Animal behavior in relation to photoperiod- growth, development and metamorphosis of important species and the role of semio-chemicals in communication.**

**8. Applied areas included biomonitoring of pollution in aquatic system.**

**9. Ethno-medicinal aspects include Indigenous Knowledge and Ethno-entomological importance as human food.**

To promote and encourage academic and scientific excellence in the field of Zoology and its allied subjects both from the view of present and as well as from the future perspective the Zoological Society, Kolkata presented awards to the selected participants by esteemed jury members. In addition to that a memento was presented to the Department Of Zoology, North Eastern Hill University (NEHU).

The awards to participants included:

**1. ORAL PRESENTATION :**

**A. 1st YOUNG SCIENTIST AWARD**

**B. 2nd RESEARCH EXCELLENCE AWARD**

**C. 3rd RESEARCH EXCELLENCE AWARD**

**2. POSTER PRESENTATION**

**A. 1st S.P. RAYCHAUDHURI MEMORIAL AWARD**

**B. 2nd RESEARCH EXCELLENCE AWARD**

**C. 3rd RESEARCH EXCELLENCE AWARD**

The Eastern and North Eastern region of India is bestowed with enormous aquatic systems-with Ecological and functional integrity studies, concerned with stability and productivity assessment paving way conservation and understanding of its system. Of course, despite many studies, a lot of species requires attention with regard to survival strategies and physiological adaptation with species mapping using statistical software being another avenue. Collaboration with expertise available in various different parts of India may increase connectivity and interaction. With special consideration of North East Region’s uniqueness, possibly there are certain areas where research efforts need to be addressed and specially the ecologically sensitive areas (ESA). ESA are demarcated large numbers but conservation ecology of meaningful vertical depth is lacking Multidisciplinary approach-the relationship with human requirements needs greater exploration.

This national conference has given an overall view of the research works and studies that are currently being carried out not only in the North East region but also in the other states across India, thereby bringing together the scientific cultures together under one roof. It covered various multidisciplinary aspects of Zoology and brought forward an insight on the recent advancements science has made in this field. Moreover it has provided a platform for young scientists and researchers to showcase their work to a wide scale of learned audience and brought about constructive criticism for further development of their research work.

**6. Zoo Quest (28th April, 2018)**

The Zoological Society, Kolkata and the Department of Zoology, University of Calcutta in collaboration with West Bengal Biodiversity Board have organized an extempore, a photographic and quiz competition for UG and PG students of different Colleges and Universities. The ‘Zoo Quest 2018’ was held on 28th April, 2018 at Kennedy Hall of the Institute of Jute Technology, University of Calcutta. The programme was attended by faculty members of different Colleges and Universities.

Altogether 116 students representing different Colleges and University participated in the programme for quiz, extempore and photographic contest. The ‘Zooquest 2018’ was conducted very efficiently and successfully by the zooquest team comprising of Sri Ranit D’rozario, Miss Rupsha Mondal, Miss Moumita Sil, Miss Suchismita Datta, Omtika Raychaudhuri, Srilagna Chatterjee, Soumyadeep Gupta, Diganta Roy, and also Sri Sourav Paul. The judges of this competition comprise of Prof. Dinendra Raychaudhuri, Prof. Chandrasekhar Chakrabarti, Dr. Dhriti Banerjee, Sri Biswatosh Sengupta, Sri Achinta Kr. Saha and Sri Suman Saha. The programme was a grand success mainly due to untiring help and support of the students of the Department of Zoology.

The Executive Council decided to award two memorial trophy using the donated money in the name of (1) **Prof. J. N. Rudra Memorial Trophy** ***(Winner of Zooquest Quiz Competition)*** **for Undergraduate level**, (2) **Prof. S. P. Sarkar Memorial Trophy** ***(Winner of Zooquest Quiz Competition)*** **for Postgraduate level**.

The participation certificates were given away by the Secretary and a vote of thanks was proposed by Dr. Asok Kumar Sarkar, Executive Member (Knowledge Centre & Academic Progtramme) of the Society.

The names of the participating teams and winners are appended herewith.

**Result of ZOO QUEST 2018**

(1) Total Number of Participants-(Quiz -81)

- (Extempore - 20)

- (Photography-30)

(2) Total No of Participating Colleges & University - 24

(3) Name of Participating Colleges & University –

1. *University of Calcutta, (b) West Bengal State University, Barasat, (c) Sidhu-Kanu Birsha University, Purulia, (d) Vidyasagar College, (e) Bethune College, (f) Scottish Church College, (g) Gurudas College, (h) Lady Brabourne College, (i) Dinabhandhu Andrews College, Garia, (j) Maulana Azad College,* *(k) Asutosh College, (l) City College, (m) Ramkrishna Mission Vivekananda Centenary College, (n) Bangabasi College, (o) Vivekananda College.*

(4) Results of different events –

|  |  |  |
| --- | --- | --- |
| **Photography**    1.Ram Ritinker Hazra  ***City College***  2. Subandhu Chakrabarty  ***Gurudas College***  3. Debrishi Mondal  ***Gurudas College*** |  | **Extempore**   1. Debadrita Samajdar   **Vivekananda College, Thakurpukur**  2. Soumyanil Chakraborty  **RKMVC College, Rahara**  3. Rajnath Das  **RKMVC College, Rahara** |
| **QUIZ** |  |  |
| **UG**  1. Rahul Mondal  Debdeep Pramanik  Agnish Ganguly  ***Vivekananda College, Thakurpukur***  2. Anirban Naha  Umme Umara  Debjani Ghosh  ***Vivekananda College, Thakurpukur***  3. Arkapra vo Matilal  Loknath Ghosh  Ritashman Duttaray  **City College** |  | **PG**    1. Prodipta Kumar Ghosh  Koustav Bhattacharjee  Subhradip Pandit  ***Barasat Govt. College***  2. Supradipta Dutta  Paulami Dam  Sonali Das  ***Maulana Azad College***  3. Abhishek Choudhury  Rituparna Halder  Anuran Bhattacharya  ***University of Calcutta*** |

Logo Winner

Pallabi Sarkar, Vidyasagar College for Women

Soubhik Das, RKMVC, College Rahara

Rajnath Das, RKMVC, College Rahara

**7. Fellows (28th July, 2018)**

Dr. Bibha Chetia Borah, Principal Scientist & Officer-in-charge, Fisheries Research Centre, Assam Agricultural University, Jorhat, Assam, for his valuable contribution in the field of Fisheries and Aquaculture.

**8. Life Time Achievement Award (28th July, 2018)**

The Executive Committee felicitated some eminent Zoologists with Life time achievement awards in a befitting and very well attended programme. The names of the awardees are (1) Prof. Anil Kumar Saha, (2) Dr. Sudhansu Das, (3) Dr. Salil Kumar Gupta, (4) Prof. Santi Gopal Pal and (5) Dr. Ashim Kumar Bhaduri. Dr. J.R.B. Alfed, the President of the society honoured the awardees. The learned audience in the programme gave standing ovation to the awardees on completion of touching lectures by the persons of eminence.