

ARCHIVES OF INDIAN ZOOLOGISTS

(VOL. -I)



Compiled and Edited by
Prof. B. N. PANDEY
Dr. A. K. TRIPATHI

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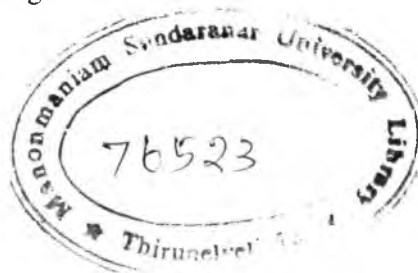


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DEDICATED TO



Late Prof. S. B. Singh

M.Sc; Ph.D; (Wales) F.Z.S.I., F.N.A.Sc., FRES (Lond) FZS (Lond)

Former Professor and Head, Deptt. of Zoology
Magadh University, Bodh Gaya - 824234

PREFACE

Sometimes in early period of 20th century (1918-1920) it was Dr. B. L. Bhatia who felt, like many other teachers in Zoology, that a suitable text book describing local/Indian animal types did not exist and to full fill the cherished desires of many, the famous book “**An Elementary Text Book of Zoology for Indian Studies**” written by Prof. B. L. Bhatia was published in 1921 by MacMillan & Co. Ltd., St Martin’s Street, London. Zoology as a subject in the University curriculum is becoming increasingly popular with students in India. With a view of having a close link between Old/ Senior/ eminent, middle aged, younger and future generation of Zoologists, the “Zoological Society of India” decided to publish series of “**Archives of Indian Zoologists**”, incorporating the brief biography, advancement made in the subject as a whole and significant contribution made by the Indian Zoologists in his/her discipline/field. This is the first volume in the series of “Archives of Indian Zoologists”.

We express our sincere thanks to **Prof. G. P. Sharma** (Chandigarh) for making us available the biography of Prof. S. Mathai, Prof. B. L. Bhatia and Prof. Vishwa Nath and to **Prof. D. K. Belsare** for making us available the biography of Dr. S. V. Ganapati and to all those teachers/researchers who obliged by sending their biography to us otherwise our this endeavour would have been a great failure. Our this effort will continue and subsequent volumes will be published as soon as we get the materials from our colleagues.

This volume is being dedicated to **late Prof. S. B. Singh**, Former Professor and Head, Deptt. of Zoology, Magadh University, Bodh-Gaya who is now no more with us but rendered his services all the time for the welfare of Zoological Society of India to the extent what ever was possible for him.

We are also thankful to our colleagues specially Prof. M. C. Dash (V. C. Sambalpur University), Prof. B. D. Joshi, Prof. Santosh Kumar (V. C. Sagar University), Prof. P. S. Murthy, Prof. N. C. Datta, Prof. V. C. Shah (Former Vice Chancellor of M. S. Univ., Baroda), Prof. U. C. Goswami, Prof. G. C. Pandey, Prof. M. K. Jyoti, Prof. Y. K. Khillare, Dr. A. K. Pandey, Prof. M. Raziuddin, Prof. S. Jairajpuri and Prof. Neelima Gupta for their kind co-operation and help and to **Prof. Ravi Prakash** (former V. C., Bhopal Univ.), **Prof. J. S. Datta Munshi** (our Guru), **Prof. A. N. Chatteraj** and **Prof. G. P. Sharma** without whose blessings and inspiration it was not possible to publish this book volume.

We also express our thanks to Sri Umesh Agrawal, Standard Printers, Gaya for publishing this book volume in time.

Bodh Gaya
December 2003

- **B. N. Pandey**
- **A. K. Tripathi**

BRIEF HISTORY OF THE ZOOLOGICAL SOCIETY OF INDIA

(Estd. 1938)

(Registered under the Societies Act. 21 of 1860 : No. 302/2002-2003)

By

B. N. Pandey

M. Sc. (Gold Medalist). Ph.D; F.A.Z ; F.Z.S.I ; F.A.E.B ; F.I.A.E.S ; M.N.A.Sc.

PRESIDENT

ZOOLOGICAL SOCIETY OF INDIA.

The Zoological Society of India owes its inception to a resolution passed by the Zoologists assembled at the Zoological section of the Indian Science Congress Association at its Jubilee Session held in Calcutta in January, 1938. A Committee consisting of Dr. B. L. Bhatia, Lahore (President and Convener), Prof K. N. Bahl, Lucknow University, Lucknow, Prof. H. K. Mookerjee, Calcutta University, Calcutta, Prof. G. Mathai, Punjab University, Lahore, Prof. B. K. Das, Osmania University, Hyderabad, Prof R. Gopala Iyer, Madras University, Madras. Dr. H. S. Rao, Zoological Survey of India, Calcutta and Shri D. Mukherji, Calcutta, University Calcutta (Secretary) was formed to formulate a scheme for founding the society. The Convener sent a circular to zoologists, in India. On the basis of a favourable response to the proposals, Inaugural Meeting of the Society was held at Lahore on the 7th January, 1939, at the time of the session of the Indian Science Congress. A Constitution of the Society, which was named the Indian Zoological Society was adopted and Executive Council consisting of Dr. Beni Prasad (President), Diwan Anand Kumar (Treasurer), Prof. H. K Mookerjee (Secretary), Dr. B. L. Bhatia (Business Manager of the Journal) and eight others, was elected. However, due to the sad demise of Dr. Bhatia and the outbreak of World War-II, in 1939 the Society could not progress well. Eventually zoologists assembled in the Zoology Section at the Nagpur Session of the Indian Science Congress held in January, 1945, passed a resolution in favour of resuscitating the Society and appointed a Committee consisting of Dr. M. A. Moghe (Convener), Dr. S. L. Hora and Dr. B. K. Das for the purpose. Their report was considered by a meeting, held on the 4th January, 1946, of the zoologists assembled for the Indian Science Congress at Bangalore and it was decided to revive the Society. An Executive Council was elected under Article 19 of the Old Constitution. It was authorised to draw up a new Constitution and to take such other steps as may be found necessary to place the Society on a sound footing. The New Constitution (Bulletin of the Zoological Society of India, No. 1, October, 1947) was adopted in the Annual General Meeting of the society held at Delhi on 1st January, 1947. At the Annual general Meeting held at Allahabad on the 2nd January, 1947, extensive changes in the Constitution were adopted, and a number of Rules and Regulations framed (J. Zool. Soc. India Vol. No. 2, 1947). In the subsequent Annual General Meetings, minor amendments to the Constitution were made from time to time and some of them were published in the J. Zool. Soc. India. Vol 2, No. 2, 1950, pp 59-60. A fully revised constitution was published in the Journal in Vol. 3 No. 1, June 1951, pp 213-221, and re-issued with upto date modification as a separate booklet in July, 1957. The revised Constitution approved at the Annual General Meeting of Society held at Madras on January 7, 1958 was issued as a separate publication in 1958. The Annual General Meeting of the Zoological Society of India held under the Presidentship of Dr. B. S. Chauhan at the time of Third All India Congress of Zoology, under the auspices of the Andhra University at Waltair in 1976 authorised the Executive Council of the Society to appoint a sub-committee with Dr. B. S. Chauhan as Chairman to revise the constitution. The

revised constitution duly adopted by the Annual General Meeting of the Society at Bhubaneswar in January, 1977 was issued.

Late Pandit Jawaharlal Nehru, the then Prime Minister of India and Late Shri Fakhruddin Ali Ahmed, the then President of India had been Honorary patrons of the Society.

The Society started publishing in 1949, a half-yearly Journal, the Journal of the Zoological Society of India. First number was issued on 31st January, 1949. The Journal contains results of original discoveries as well as critical reviews of the modern researches by specialists in the field of zoology, including the natural history of animals in the widest sense.

The Society also brought out and revised Memoirs, under the series "*Indian Zoological Memoirs*" initiated by Late Prof. K. N. Bahl, some times in 1924-1925 and first volume of memoirs (*Pheritima*) was published in 1926 by Prof. Bahl.

The society has organized so far, thirteen All Indian Congress of Zoology to promote the cause of zoology and zoologists of India. The first All India congress of Zoology was held in October 1959 under the auspices of the University of Jabalpur with Dr. M. L. Roonwal as the General President. The last session (13th) of the All India Congress of Zoology was held at Bangalore in 2002 under the auspices of the Bangalore University with Prof. B. N. Pandey as ZSI president and Prof. P. S. Murthy of Bangalore University as General President. We extend our sincere thanks to the Govt. of Karnataka, Bangalore for providing us 5 Gold Medals for its award to outstanding young scientists during the said session. The 14th All India congress of Zoology is scheduled from 21st - 23rd December 2003, being organized jointly by P. G. Depts. of Zoology, Vivekanand College, Kanyakumari and St. Jude's College, Thoothoor, Kanyakumari with Prof. B. N. Pandey as ZSI president and Prof. P. Natarajan (Trivandrum) as the General President of the congress.

The successive presidents of the Society are : *Dr. Beni Prasad, Prof. R. Gopala Iyer, Dr. S. L. Hora, Dr. K. N. Bahl, Dr. M. A. Moghe, Dr. H. S. Rao, Dr. M. L. Roonwal, Prof. R. V. Seshaiya, Dr. A. B. Mishra, Dr. H. D. Srivastava, Dr. N. M. Panikkar, Dr. P. N. Ganpati, Dr. D. N. Ganguli, Dr. B. S. Chauhan and Prof. B. N. Pandey* (duly elected).

The Society was registered at Lucknow in 1953 under the Societies Registration Act. XXI of 1860 but the where about of the said document is not known to any body who were at the helm of affair. It was mandatory to send audited account of the society regularly to the I. G. (Registration) but no body bothered about the said mandatory provision of the act under which it (ZSI) was registered. The where about of the money collected as membership fee (both ordinary and life members) for the activity of the society is not known. In addition other assets of the society mostly movable items such as Godrej Almirah, Journals, other furniture, Fixed Deposit if any, in Bank and post office etc. is not known to me & no body is coming forward to let me know the where about of all those noted above. Since long the activities of the society was ceased except organising few congresses at random manner. At the time of 10th All India congress of zoology, held at P. G. Dept. of Zoology Magadh University, Bodh Gaya from 14th -18th October 1998 with Prof. B. N. Pandey as working president of ZSI and General president of the 10th All India congress of zoology, zoologists assembled (at Bodh Gaya) decided to revive the society. At that time there was no elected executive council of the society. In due course an adhoc committee was made on the request of life members of ZSI in the year 2000. Later on, a full Executive council was made as per existing constitution on 31st December, 2001 at the occasion of 12th All India Congress of Zoology held at Hardwar. The general body of the society authorised the executive council to formulate a detailed constitution of the Zoological Society of India and also decided to have its head quarter at P. G. Dept. of Zoology, Magadh University, Bodh Gaya,

Dist Gaya (Bihar) . Further in the meeting of the General body at Hardwar, it was also decided to revalidate and/or re-reregister the society at the earliest and the elected president, Dr. B. N. Pandey (Bodh Gaya) was authorised to do the needful. It took about 7 month and fresh registration of the society was obtained from the I. G. (Registration) on 23rd July 2002 bearing No. 302/2002-2003.

In spite of having many ups and downs the society has now regained its past glory. With the co-operation of its member and honourable fellows, We are marching towards a golden future. Some of the highlights are as follows :-

- 1.) The society has achieved and acquired its legitimate status and it has now possessing valid document of registration.
- 2.) All the proceedings right from 10th-13th All India congress of Zoology have been published.
- 3.) The society's Journal has been registered bearing ISSN No. 0972-6683.
- 4.) Publication of journal restarted & most of the members have already received the June- 2003 issue of the Journal.
- 5.) We have now separate bank account in the name of "Zoological Society of India". All money is being deposited in the society's account only.
- 6.) We are successfully organising Zoology Congresses every year.
- 7.) In the coming new year we are likely to have our website for society.
- 8.) Meeting of Executive council of the society is being held regularly & all the major decisions are taken by E. C.
- 9.) Our next mission is to construct the own building of the society I appeal to all of you to kindly be generous in donating the money for the construction of the society's building.
- 10.) We have initiated the publication of "Archives of Indian Zoologists" The first volume of it will be released at Kanyakumari on 21st December 2003, on the inaugural day of 14th All India Congress of Zoology.

Last but not the least I extend my sincere thanks to the office bearers of E. C., all the bonafide members and fellows of the society for their kind co-operation and to elder's for their blessings.

Bodh Gaya
December 2003

Prof. B. N. Pandey
President, ZSI

FEW WORDS

By

Prof. K. N. Bahl

D.Sc, D. Phil; F.R.A.S.B; F. N. I

Signifying gradual advancement of Zoology in India

Zoology as a subject in the university curriculum is becoming increasingly popular with students in India, but there are very few books that deal with the structure and development of common Indian animals. While our students dissect the Indian types, they still use British text-books which are naturally based on the British fauna. The need, therefore, of books describing common Indian animal forms has been keenly felt in our zoological laboratories.

In my Presidential Address to the Zoology Section of the Indian Science Congress at Bangalore (1924), I suggested that a series of memoirs on Indian animal types should be prepared and published along the lines of the excellent series issued by the Liverpool Marine Biology Committee under the editorship first of the late Sir William Herdman and now of Dr. R. J. Daniel. The suggestion has been taken up by a committee of zoological workers who have decided to issue a series of monographs under the title of "The Indian Zoological Memoirs". The committee have selected a number of types for the series and assigned them to various workers. Memoir I was published in 1926, Memoir II in 1928, Memoir III in 1931. Memoir IV in 1932. Memoir V and a second edition of Memoir I in 1936. Memoir VI in 1937. Memoir VII and a second edition of Memoir I in 1938, a reprint of it in 1947 and a third edition of Memoir I in 1950. A fourth edition of Memoir I is appearing now, and it is hoped that other memoirs will follow soon.

- I. The earthworm *Pheretima*, K. N. Bahl, *Fourth Edition*, pp, 84, figs. 41.
- II. The shark *Scoliodon*, E. M. Thillayampalam, *Third Edition*. pp. 126, figs. 94.
- III. The Bombay oyster *Ostrea cucullata*. P. R. Awati and H. S. Rai, pp. 107, figs. 51.
- IV. The apple-snail *Pila*, Bains Prasad, pp. 83, figs, 43.
- V. The monascidian *Herdmania*, S. M. Das. pp. 103, figs. 64.
- VI. The prawn *Palaemon*, S. S. Patwardhan, pp. 100, figs. 65.
- VII. The sea-urchin *Salmacis*, R. Gopala Iyar, pp. 69, figs. 47.
- VIII. The leech *Hirudinaria*, M. L. Bhatia, pp. 85 figs. 60.
- IX. The sting-ray *Trygon*.
- X. The Indian carp *Labeo rohita*.
- XI. The centipede *Scolopendra*.
- XII. The millipede *Thyropygus*.
- XIII. The starfish *Pentaceros*.
- XIV. The scorpion *Palamnaeus*.
- XV. The sipunculid *Dendrostoma*.

In addition to these, other memoirs on suitable types will be arranged for as finances permit.

The committee gratefully acknowledge a donation of Rupees seven hundred made by the editor, and of Rupees thirty made by some of his students towards the cost of publication of these memoirs.

University of Lucknow
August, 1950

- K. N. Bahl

DO YOU KNOW ?

1. **1st Indian Book on Zoology** was Written in 1921 by Prof. M. L. Bhatia (F. N. I., 1937); Asst. Professor of Zoology, Govt. College, Lahore (Punjab Univ.) : Name of the book - “**An Elementary Text book of Zoology for Indian Studies**” (MaCMillan & Co. Ltd, St. Martin’s Street, London) : reprinted in 1928 and 1932.
2. First “Indian Zoological memoir (*Pheritima*)” Written by Prof. K. N. Bahl was published in the year 1926.
3. The Zoological Society of India was founded in 1938 , 1st or inaugural meeting of the society was held at Lahore on the 7th January 1939.
4. First Journal of Zoological Society of India, (**J. Zool. Soc. India**) was published on 31st, January 1949.
5. 2nd Indian Book - “**Zoology for Intermediate Students**” written by Prof. Vishwa Nath (F. N. I. 1940) came out in 1936. A text book of Zoology (for B. Sc. students) was published by Dr. Vishwa Nath in the year 1961. He also published Cell Biology in 1970.
6. Prof. S. Mathai, Prof. Birbal Sahni, Diwan Anand Kumar, Dr. Beni Prasad, S. L. Hora, K. N. Bahl, B. L. Bhatia, Prof. Vishwanath, M. L. Bhatia, H. R. Gupta, E. M. Thillayampalam, P. R. Awati, H. S. Rai, S. M. Das, S. S. Patwardhan, R. Gopala Aiyar, M. L. Roonwal, Prof. R. V. Seshaiya, Dr. G. S. Thapar, Dr. B. S. Chauhan, H. S. Rao, Dr. P. N. Ganpati, Dr. N. K. Pannikar, Dr. M. A. Moghe, Prof. J. L. Bhaduri, Dr. B. K. Das (Hyderabad), Dr. A. B. Mishra, Prof. G. P. Sharma, Prof. M. S. Mani etc. are amongst few senior most Indian Zoologists who made a name in their field.

Executive Committee of Zoological Society of India (1938).

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Secretary	-	Sri D. Mukerjee, Calcutta
Members	-	Prof. K. N. Bahl, Lucknow Prof. H. K. Mookerjee, Calcutta Prof. G. Mathai, Lahore Prof. B. K. Das, Hyderabad Prof. R. Gopala Iyer, Madras Dr. H. S Rao, Calcutta

Executive Council of Zoological Society of India (1939)

President	-	Dr. Bainsi Prasad, Dehradun
Secretary	-	Prof. H. K. Mookerjee, Calcutta
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Members	-	Eight

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Former Vice-Chancellor,
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46. ***Dr. Omkar,**
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University of Lucknow,
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47. ***Dr. M. K. Agarwal,**
Reader and Head,
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PRESIDENTS OF ZOOLOGICAL SOCIETY OF INDIA

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4. Dr. K. N. Bahl Deptt. of Zoology, Universtiy of Lucknow.
5. Dr. M. A. Moghe Deptt. of Zoology, Nagpur University, Nagpur.
6. Dr. H. S. Rao Zoological survey of India, Kolkata.
7. Dr. M. L. Roonwal Director, Zoological survey of India, Kolkata.
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9. Prof. A. B. Mishra Deptt. of Zoology, B. H. U., Varanasi.
10. Dr. H. D. Srivastava Allahabad.
11. Dr. N. K. Panikkar New Delhi.
12. Dr. P. N. Ganpati Deptt. of Zoology, A. P. University, Waltair.
13. Dr. D. N. Ganguli Deptt. of Zoology, Calcutta University, Kolkata.
14. Dr. B. S. Chauhan Zoological survey of India, Kolkata
(Now at Narsingpur, M.P.)
15. Prof. B. N. Pandey Deptt. of Zoology, Magadh University, Bodh Gaya.

WORKING PRESIDENTS

Prof. B. N. Pandey (1998-2001)
Prof. K. B. Sharma (2002-.....)

TREASURERS (ZSI)

Sri Diwan Anand Kumar
Dr. B. S. Chauhan, Narsingpur
Dr. B. K. Behura (Bhubaneswar)
Dr. C. B. Srivastava (Lucknow)
Dr. B. S. Chauhan, Narsingpur
Dr. A. K. Tripathi, Bodh Gaya

GENERAL SECRETARIES (ZSI)

Sri D. Mukherjee, Calcutta (1938)
Prof. H. K. Mukerjee, Calcutta (1939)
Dr. P. N. Ganapati, Waltair (1957)
Dr. U. S. Srivastava, Allahabad
(Several Years)
Dr. B. K. Behura, Bhubaneswar
Dr. S. B. Singh, Bodh-Gaya (1974-1994)
Dr. G. Majumdar, Burdwan (1995-1998)
Dr. B. K. Singh (HQ); Bodh Gaya (2002 till now)
Dr. P. N. Pandey (Out Station), Ranchi
(2002 till now)

ALL INDIA ZOOLOGICAL CONGRESSES

S. No.	Univ./Place	Dates/Year	General President/Org. Secy
1st	University of Jabalpur,	1958/1959	Dr. M. L. Roonwal (Gen. President)
2nd	B. H. U. Varanasi	1961/1962
3rd.	Andhra Univ. Waltair	30.12.1975- 01.01.1976	K. Hanumantha Rao (Org. Sec.)
4th	Magadh Universtiy Bodh Gaya	14-18 Oct. 1978	Dr. S. B. Singh (Org. Sec.)
5th	Bhopal Univ. Bhopal.	1-3 Nov. 1980	Dr. B. K. Behura
6th	Jiwagi Univ. Gwalior	19-22 Oct. 1984	Dr. J. Bahadur (Org. Sec.)
7th	Meerut Univ. Meerut	30 Dec. 1985 01 Jan. 1986	Dr. K. C. Pandey (Org. Sec.)
8th	Kakatiya Univ. Warangal	28-30 June 1989	Prof. L. Narsimha Rao (Org. Sec.)
9th	Burdwan Univ. Burdwan.	26-28 Sept. 1995	Prof. G. Majumdar (Org. Sec.)
10th	Magadh Univ. BodhGaya	18-20 Oct. 1998	Prof. B. N. Pandey (Gen. President)
11th	B. N. Mandal, Univ. Madhepura	17-19 Oct. 2000	Prof. R. K. Choudhary (Gen. President)
12th	G. K. Kangri, Univ. Hardwar	29-31 Dec. 2001	Prof. B. D. Joshi (Gen. President)
13th	Bangalore Univ. Bangalore	28-31 Dec. 2002	Prof. P. S. Murthy (Gen. President)
14th	Jointly by Viveka Nand College, Kanyakumari and St. Jude's College, Thoothoor, Kanayakumari	21-23 Dec. 2003	Prof. P. Natrajan (Gen. President)

Nine decades of Presidential Address in the Section of Zoology in Indian Science Congress A-retrospect.

N. C. Datta

Former Professor of Zoology, University of Calcutta

The Indian Science Congress Association (ISCA) came into being in 1914. The first session of ISCA was held in the same year in Calcutta under the Presidentship of Sir Asutosh Mookerjee, a learned mathematician, legendary justice of Calcutta High Court and the distinguished Vice-Chancellor of the University of Calcutta. The venue of the first Science Congress was the premises of the Asiatic Society, the oldest academic organization of Asia, founded by Sir William Jones in 1784. In the same premises in 1935 the erstwhile National Institute of Sciences of India now christened as Indian National Science Academy (INSA) was instituted. However, from the very beginning Zoology was one of the six sections of Indian Science Congress. The six sections were Botany, Chemistry, Ethnography, Geology, Physics and Zoology. At Present ISCA is the biggest of the learned academic organizations of India and it now has fourteen sections, two committees and six forums. The present paper is an attempt to place before you the names of the past presidents of the Zoology section, the title of the Presidential addresses and the venue of the congress during last nine decades. It is expected that the paper will be of some use in viewing and evaluating the trend of development of Zoology in India through Indian Science Congress during the period under consideration.

Year	Session	Venue	Name of the President	Title of the Presidential Address	Remarks
1914	1st	Calcutta	J. R. Henderson	No record of title and no account of Presidential Address	Zoology Section
1915	2nd	Madras	T. N. Annandale	No record of title and no account of Presidential Address.	Zoology Section,
1916	3rd	Lucknow	W. N. F. Woodland	No Presidential address but there was a small paper entitled : Notes on some recent enquiries concerning the so called "Renal Portal"	Zoology & Ethnography
1917	4th	Bangalore	K. Ramunni Menon	No Presidential address was given but general comments were made. "Disavowed any intention of giving any introductory address"	First Indian President of the section. Inclusion of ethnography was not appreciated.
1918	5th	Lahore	B. L. Chaudhuri	First real Presidential address : On the history of Ichthyology.	Desired the separation of ethnography from Zoology Section
1919	6th	Bombay	F. M. Howlet	Post-war Zoology	Zoology & Ethnography
1920	7th	Nagpur	E. Vredenburgh (Absent) G. Mathai acted as Chairman	The funna of Asiatic Lakes	Zoology & Ethnography
1921	8th	Calcutta	F. H. Gravely	History of Zoology in India & Ceylone	Zoology separated from Ethnography. New section of Anthropology and Ethnography created
1922	9th	Madras	T. N. Annandale	Ethics of Zoology	Zoology Section

Year	Session	Venue	Name of the President	Title of the Presidential Address	Remarks
1923	10th	Lucknow	G. Mathai	Oceanographic investigation with special reference to the Indian ocean.	Zoology Section
1924	11th	Bangalore	K. N. Bahl	The Organization of Zoological teaching and research in India	Zoology Section
1925	12th	Banaras	Balmi Prasad	Respiration of gastropod molluscs	Zoology Section
1926	13th	Bombay	H. R. Mehra	Certain problems of reproduction	Zoology Section
1927	14th	Lahore	R. B. S. Sewell	The study of Zoology in India in the future	Zoology Section
1928	15th	Calcutta	B. Sundara Raj	A plea for a neglected aspect of Biology	Zoology Section
1929	16th	Madras	F. C. Fraser	The periodic ebb and flow of life	Zoology Section
1930	17th	Allahabad	S. L. Hora	The value of field observations in the study of organic evolution	Zoology Section
1931	18th	Nagpur	B. L. Bhatia	Some aspects of the study of protozoa	B. L. Bhatia was one of the authors of Fauna of British India (Protozoa Volume) S. N. Maulik was the author of Fauna volume on Chrysomellidae
1932	19th	Bangalore	D. R. Bhattacharyya	A review of cytological studies in glandular secretion	Zoology Section
1933	20th	Patna	R. Gopala Ayyer	Some aspects of marine biological research	Zoology Section

Year	Session	Venue	Name of the President	Title of the Presidential Address	Remarks
1923	10th	Lucknow	G. Mathai	Oceanographic investigation with	Zoology Section
1934	21st	Bombay	P. R. Awati	The importance of biology in the progress of civilization	Zoology Section
1935	22nd	Calcutta	Diwan Anand Kumar	Spicules and classification of tetraoxide	Zoology Section
1936	23rd	Indore	H. K. Mookerjee	The development of vertebral column and its bearing on the study of organic evolution.	Zoology Section
1937	24th	Hyderabad	G. S. Thapar	Helminthological research in India	Zoology Section
1938	25th	Calcutta	G. Mathai	Zoology and its advancement in India	Silver Jubilee Year Idea of establishing the Indian Zoological Society was mooted (1st session of Entomology section presided over by Afzal Hussain was held. He spoke on "Entomology in India - Past, Present and Future"
1939	26th	Lahore	C. R. Narayana Rao	Batrachians and their environment	Indian Zoological Society was established & inaugural meeting was held on 7th January 1939.
1940	27th	Madras	B. K. Das	Nature and causes of evolution and adaptation of the airbreathing fishes (A Resume)	H.S. Pruthi delivered lecture on "Ecology and control of insects" in the Entomology section
1941	28th	Banaras	A. Subba Rau	Some aspects of mammalian placenta	Y. Ramchandra Rao spoke on "Some observations on the periodicity of locust invasions in India in Entomology section".

Year	Session	Venue	Name of the President	Title of the Presidential Address	Remarks
1942	29th	Baroda	H. Srinivasa Rao	The urgent need for biological stations in India	In Zoology Section D. Mukerji spoke on "Certain aspects of morphology of insects in relation to habit". End of Entomology Section
1943	30th	Calcutta	B. N. Chopra	Prawn fisheries of India Zoology Section.	Entomology merged with Zoology Section
1944	31st	Delhi	Vishwanath	The Golgi apparatus	Zoology and Entomology Section
1945	32nd	Nagpur	H. N. Ray	Protozoa affecting the health of domesticated animals in India.	Zoology and Entomology Section
1946	33rd	Bangalore	M. N. Moghe	Development of Kidney in fishes	Zoology and Entomology Section
1947	34th	Delhi	G. D. Bhalerao	Applied helminthology, its past and future in India	Zoology and Entomology Section
1948	35th	Patna	A. B. Misra	Sexual periodicity in birds with special reference to India	Zoology and Entomology Section
1949	36th	Allahabad	M. L. Roonwal	Modern trends in Systematics	Zoology and Entomology Section
1950	37th	Poona	B. C. Basu	The evolution of applied entomology in India and its future	Zoology and Entomology Section
1951	38th	Bangalore	J. L. Bhaduri	The role of Sallenita in human and mammalian pregnancy tests	Zoology and Entomology Section
1952	39th	Calcutta	B. R. Seshachar	The biological importance of the nucleic acids	J. B. S. Haldane delivered a special lecture on "Relation of biology with other sciences".
1953	40th	Lucknow	N. K. Panikkar	A few thoughts on the progress of zoology in India	Zoology and Entomology Section

Year	Session	Venue	Name of the President	Title of the Presidential Address	Remarks
1954	41st	Hyderabad	D. V. Bal	Some aspects of Indian Marine fisheries	Zoology & Entomology Section
1955	42nd	Baroda	P. Sen	Ecology of anopheline mosquitoes	Zoology & Entomology Section
1956	43rd	Agra	M. L. Bhatia	Zoological teaching and research in India	Zoology & Entomology Section
1957	44th	Calcutta	M.B. Lall	A new approach to helminthology in India	Zoology & Entomology Section
1958	45th	Madras	P. Bhattacharyya	Some aspects of reproduction in Indian farm animals	Zoology & Entomology Section
1959	46th	Delhi	B. S. Bhimachar	Inland fisheries of India and their problems	Zoology & Entomology Section
1960	47th	Bombay	H. D. Srivastava	Blood-flukes	Zoology & Entomology Section
1961	48th	Roorkee	S. P. Ray Chaudhuri	Ionizing radiations and the induction of chromosome mutations in the germ cells	Zoology & Entomology Section
1962	49th	Cuttack	L. S. Ramaswami	Induction of spawning in catfish and frog with hormones and an account of the cytochemistry of their pituitary glands	Zoology & Entomology Section
1963	50th	Delhi	B. S. Chauhan	Helminthological studies in India	Zoology & Entomology Section Golden Jubilee Year
1964	51st	Calcutta	R. V. Seshaiya	Some problems of development and composition of teleost scales	Zoology & Entomology Section
1965	52nd				Combined 51st and 52nd Section
1966	53rd	Chandigarh	G. P. Sharma	Chromosomes in relation to taxonomy and phylogenetic relationship of the animals	Zoology & Entomology Section

Year	Session	Venue	Name of the President	Title of the Presidential Address	Remarks
1967	54th	Hyderabad	Sivatosh Mookerjee	Cells in lime and differentiation	Zoology & Entomology Section
1968	55th	Varanasi	M. D. L. Srivastava	The structure of chromosomes	Zoology & Entomology Section
1969	56th	Bombay	G. K. Manna	Some aspects of chromosome cytology	Zoology & Entomology Section
1970	57th	Kharagpur	A. P. Kapur	Phylogeny of Lady bird beetles	Zoology & Entomology Section
1971	58th	Bangalore	H. Swarup	Nucleic acids in teleostean embryogenesis	Zoology & Entomology Section
1972	59th	Calcutta	T. Ramachandra Rao	The place of zoology in the study of Natural History of viral diseases.	Zoology & Entomology Section
1973	60th	Chandigarh	Asok Ghosh	Histophysiology of the avian adrenal medulla	Zoology & Entomology Section Diamond Jubilee Year
1974	61st	Nagpur	H. S. Chaudhury	Sterility and population control in insect and other animals	Zoology & Entomology Section
1975	62nd	Delhi	Ravi Prakash	The conducting (connecting) tissue of the heart of vertebrates	Zoology & Entomology Section
1976	63rd	Waltair	U. S. Srivastava	Hormonal control of insect pest	Zoology & Entomology Section Fisheries is added to Zoology and Entomology Section.
1977	64th	Bhubaneswar	P. N. Srivastava	Studies on the effect of radiophosphorus (P-32) on Swiss Albino mice during postnatal development	Zoology, Entomology & Fisheries emerged as a new Section
1978	65th	Ahmedabad	B. K. Behura	Biology of Aphids Fisheries Section	Zoology, Entomology and Fisheries Section
1979	66th	Hyderabad	V. G. Jhingran	Need for ecological orientation to the management of Inland Fishery resources.	Zoology, Entomology and Fisheries Section

Year	Session	Venue	Name of the President	Title of the Presidential Address	Remarks
1980	67th	Calcutta	J. S. Datta Munshi	The structure and function of the respiratory airbreathing fishes of India	Zoology, Entomology and organs of Fisheries Section
1981	68th	Varanasi	J. P. Thapliyal	Endocrinology of Arian reproduction	Zoology, Entomology and Fisheries Section
1982	69th	Mysore	K. C. Bose	A review on the corpuscles of Stannius	Zoology, Entomology and Fisheries Section
1983	70th	Trupati	C. C. Das	Chromosomes in marine fishes	Zoology, Entomology and Fisheries Section
1984	71st	Ranchi	S. B. Singh	Neuroendocrine organization in insects and hormonal control of oocyte maturation	Zoology, Entomology and Fisheries Section
1985	72nd	Lucknow	S. Khera	Gnolobiotic culture-its role in plant nematodes	Zoology, Entomology and Fisheries Section
1986	73rd	Delhi	A. S. Mukherjee	Genetics of dosage compensation : An old concept in new perspective	Zoology, Entomology and Fisheries Section
1987	74th	Bangalore	A. N. Chattoraj	Some aspects of biological interactions of insecticides	Zoology, Entomology and Fisheries Section
1988	75th	Pune	P. K. Sen Sarma	Homeostasis in termite society	Zoology, Entomology and Fisheries Section Platinum Jubilee Year
1989	76th	Madurai	V. C. Shah	Regulation and mapping of eukaryotic cell cycle	Zoology, Entomology and Fisheries Section
1990	77th	Cochin	N. C. Datta	Expanding horizon of ecology - An introspection	Zoology, Entomology and Fisheries Section
1991	78th	Indore	O. P. Mittal	Spiders as controllers of natural biological disasters and their cytogetic diversity	Zoology, Entomology and Fisheries Section
1992	79th	Baroda	R. Ramamurthi	Evolution of chemical regulatory mechanisms in animals.	Zoology, Entomology and Fisheries Section

Year	Session	Venue	Name of the President	Title of the Presidential Address	Remarks
1993	80th	Goa	P. Mohanty Heznadi	Vitamin A, Pattern of formation and homeotic transfer in vertebrates	Zoology, Entomology and Fisheries Section
1994	81st	Jaipur	V. Banerjee	Basics of comparative animal haematology of vertebrates except mammals	Zoology, Entomology and Fisheries Section
1995	82nd	Calcutta	K. C. Pandey	Fish pathogens with special reference to trematodes	Zoology, Entomology and Fisheries Section
1996	83rd	Patiala	B. N. Pandey	Freshwater aquaculture in India for achieving food, economic and health security	Zoology, Entomology and Fisheries Section
1997	84th	Delhi	Ishwar Prakash	Community ecology and behaviour of mammals in desert and mountain environments of Rajasthan	Zoology, Entomology and Fisheries Section
1998	85th	Hyderabad	P. D. Prasad Rao	Role of neuropeptides and hormones in fish breeding	Zoology, Entomology and Fisheries Section
1999	86th	Madras	M. C. Dash	Earth worm diversity and ecophysiology of vermitechnology for sustainable development.	Zoology, Entomology and Fisheries Section
2000	87th	Pune	Santosh Kumar	The heart of vertebrates (Understanding and research trends in 20th Century.)	Zoology, Entomology and Fisheries Section
2001	88th	Delhi	Geetha Bali	Role of peptides in the regulation of insect behaviour and ecofriendly strategies for insect pest control.	Zoology, Entomology and Fisheries Section
2002	89th	Lucknow	M. Shamim Jairajpuri	Nematode diversity with special reference to surface structures	Zoology, Entomology and Fisheries Section
2003	90th	Bangalore	R. N. Chatterjee	The evolution of sex determination pathway : Reasoning from <i>Drosophila</i>	Emergence of new Section, Animal, Veterinary and Fisheries.

BIOGRAPHY OF INDIAN ZOOLOGISTS



PROF. A. G. SATHYANESAN (b. 03-10-1926), M.A.; M.Sc; Ph.D; D.Sc, F.N.A, Former Professor and Head, Dept. of Zoology, B.H.U, Varanasi and CSIR Emeritus Scientist; Res: 7-93B, Nesa Veedu, Muttom,P.O.-629 202, Kanyakumari, Dist.-Tamil Nadu, India. Tel. No. (R) 04651-237453 **Spl. Neuroendocrinology**, recipient of the fellowship of the population council of the Rockefeller Foundation, New York (U.S.A.), Hari Om Ashram Trust Award, Dr. Rafi Ahmed Kidwai Memorial Prize, S.L.Hora Medal, ZSI Gold Medal; worked with Prof. A. Gorbman and Dr. W.Chavin, published over 300 original research papers in International journals; He was elected as a fellow of the Indian National Science Academy, Delhi; PI of many major research projects; attended/chaired large number of National/International symposia.



PROF. ASHOK GHOSH (b. 20-01-1927), M.Sc;Ph.D;F.N.A.Sc., former Professor and Head, Dept. of Zoology, University of Calcutta, 35 Ballygunge Circular Road, Kolkata-700 019, Tel (R) 033-24409230, INSA Senior Scientist, **Spl. Endocrinology/Histology/Histochemistry**; published 250 research papers in journals of International repute, **elected President (Zoology Section) of Indian Science Congress (1973)**, UGC National Lecturer (1977), recipient of Sir J.C. Bose National Award for Life Science (1979), J.G. Law Medal, UNDP Fellow (1984) of Rome Univ. Congress of Zoology Gold Medal (ZSI) . Supervised 36 Ph.D, One D.Sc and two M.Phil students, members of many academic bodies; visited - U.S.A. Canada, Japan, HongKong, Rome etc. Significant contribution - Avian adrenal medulla.

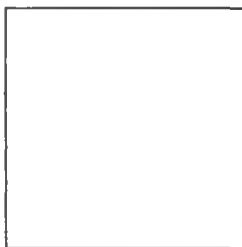


DR. AJAY KUMAR PANDEY (b. 01-02-1957) M.Sc., Ph.D., FAEB, FZS, FNC, FSB, FISEP, FBRS, FASAW, FZSI, BBSR, Senior Scientist, Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar-751002 (Orissa); Res. C-II-407, Kedar Gouri Apartment, Lewis Road, Garrage Chowk, Bhubaneswar-751002; Tel. (0674) 2465421, 2465446, 24654301; Fax-2465407 (O) 2340594(R); E-mail : akpandey_cifa@yahoo.co.in. cifa@ori.nic.in: cifa@hubl.nic.in; **Spl. Comparative Endocrinology, Fish & Fishery Science, Reproductive Physiology, Toxicology, Biodiversity Conservation**, received several Honours/Awards/Gold Medals/Fellowship of Academic bodies; published 115 research papers in National/International Journals.



DR. (SMT.) AKHILESHWARI NATH (b. 02-04-1945) M.Sc;Ph.D,Professor and Head, Deptt. of Zoology, Patna University, Patna, 800 005; Res. - Tarkeshwar Nath Road, Chirainyatand, Patna, 800 001, Fax/Phone No. 91-612-2346003, e-mail : anpgzool@hotmail.com; **Spl. Cell Biology/Reproductive Endocrinology/ Ecotoxicology**; Ph.D produced 15 : published - 54 original research papers in National and International Journals; attended many International Conference abroad (USA, Canada, France, Spain etc); Fellow of several societies, she was co-ordinator of Smithsonian Project (USA) No. 0022470000 which was co-sponsored by UGC, India at Bhagalpur, she is brilliant scholar and devoted researcher.

BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. ARVIND KUMAR (b. 23-03-1953) M.Sc; Ph.D. FAEB, FLS, FZS, FZSI, FSES, F.ZA, FSEsC, Professor, Dept. of Zoology, S.K. University, Dumka (Jharkhand). Phone No. 91-6434-222550, *E-mail* : arvind22@pte.vsnl.net.in, Res. - Professors Colony, Rasikpur Bagan, Dumka - 814101. **Spl. Limnology/Environmental Sciences**; Ph.D. Produced - 12, research articles published 185; Books published - 16, chief editor/

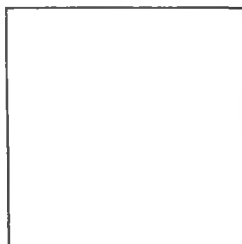
editor of a number of journals including "Journal of Current Sciences", "Indian Journal of Environment and Ecoplanning". Dr. Kumar is fellow and life member of several societies and recipient of W.A.Nizami Gold Medal (Helminthological Society of India).



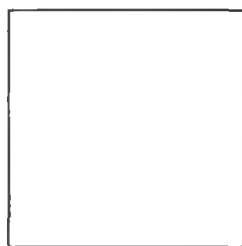
DR. ASHOK KUMAR SRIVASTAV (b. 02-01-1953) M.Sc;D.Phil. F.A.Z. FHS, FZSI, FIAES, FISURYA, Reader, Dept. of Zoology, Bipin Bihari (P.G.) College, Jhansi-284002, U.P. (India), Tel. No. 0517-480424. **Spl. - Parasitology**; Ph.D produced -6, Research papers published-100, principal investigators of many UGC/CSIR major research projects. He is fellow of a number of societies and executive editor of "Flora and Fauna". He is devoted research worker having good organizing capacity.



DR. AJIT KUMAR (b. 20-06-1949), M.Sc; Ph.D; Professor, Dept. of Zoology, Magadh University, Bodh Gaya - 824234; Res. : Nutan Nagar, Gaya, Tel (R) 0531-2427061, **Spl.- Fish and Fisheries**, Published 6 research papers, Ph.D produced 4 students; attended many seminars, member of a number of professional bodies.



DR. (MISS) AMITA SAXENA (b. 20-05-1957) M.Sc; Ph.D. Associate Professor, Dept. of Fishery Biology, College of Fisheries, GBPUAT, Pantnagar, U.P. (India). Res.-53, Field Hostel, Phoolbagh, Pantnagar-263145 (U.P.), Tel. No. - 91-5944-33727, Fax-91-5944-33473. **Spl.- Fish biochemistry/Biotechnology/Aquaculture/Wild life**; published -42 research articles, 3 books, 4 manuals; life members of 16 scientific bodies. She visited U.K. and Monaco. Recipient of outstanding women of 20th Century award (U.S.A.). She is social worker, poetess and singer.



DR. A. LAXMINARAYANA (b. 02-01-1947) M.Sc.,Ph.D. Principal Scientist and Chief training organiser, TTC, Central Marine Fisheries Institute, Tatapuram P.O. Ernakulam, Cochin -682014, Kerala, Phone No. - 91-484-2538667/2539924, Mobile-98470-38667, *E-mail*: drlaxminar@yahoo.co.uk Res. "Samudra", 49/28 11A-Behind Perandoor Temple., Elamakkara, Ernakulam-682026. **Spl. - Aquaculture**; produced Ph.D-2; published-62 research papers, visited-U.S.A, Thailand, Cambodia and Iran; visiting scientist at the university of California (USA) during 1985 under an FAO programme, won - S.K.Basu Memorial Award. He is a devoted researcher.

BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. ANJANI KUMAR TRIPATHI (b. 02-07-1951), M.Sc.;Ph.D, FAZ FZSI, Reader, Dept. of Zoology, Magadh University, Bodh Gaya-824234; Res.:Ashok Nagar, Gaya. Tel. (R) 0631-2425022, **Spl.- Entomology/Sericology**; published 70 research papers in Journal of National/International repute, produced 11 Ph.D students, attended more than 25 National Seminar. member/life member of many professional bodies; elected Treasurer of Zoological Society of India, recipient of ZSI Gold Medal, Zonal member section of Zoology, Entomology and Fisheries of Indian Science Congress (1990 and 1992), honorary member of international seicultural commission, France (1993), delivered lecture as resource person in UGC sponsored refresher course. **Significant Contribution**; Rearing of **Antheraea mylitta** with Spl. reference to the host plants, temperature, humidity, photoperiod and supplementation of food and Biochemistry.



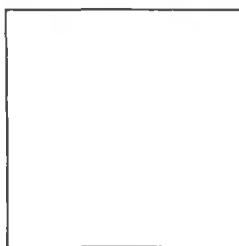
DR. A.P. RAO (b. 11-07-1945) M.Sc;Ph.D: Reader, Dept. of Zoology, Kakatiya University, Warangal-506001. A.P. **Spl. Entomology/Toxicology**, published 50 research articles in standard journals.



DR. A. K. SHARMA, Ph.D., Associate Prof. Dept. of Fishery Hydrography, College of Fishery Sciences, GB Pant Univ. of Agriculture & Technology, Pantnagar, Dist. US Nagar (UP). Tel(O) 05944-234406, (R) 233506, fax : 33473, *email:aps5@hotmail.com*, **Prof. Exp.** More than 18 years teaching and research experience at graduate and PG level. Associated with lake conservation programme. Published 50 papers. **Cur. Int.** Integrated aquaculture, fish seed production, limnology & fisheries of lakes and reservoir.

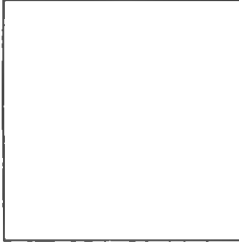


DR. ASHA DHAWAN, M.Sc;Ph.D, Asst. Zoologist, Dept. of Fisheries, Punjab Agricultural University, Ludhiana, Tel. (O) 0161-2401960, ext.432, (R) - 244-452/2449322, Fax-0161- 2400945. **Spl. - Fish production technology/Fish Nutrition/Extension**, published more than 30 research papers.



DR. AKHILESH KUMAR SINGH, M.Sc.,D.F.Sc;Ph.D, Assistant Professor, Fisheries, Ranchi Veterinary College, Birsa Agriculture University, Ranchi, **Spl.-Aquaculture**, author of 3 books, published many research papers in standard journals.

BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. ASHOK KUMAR SAXENA (b. 16-10-1947), M.Sc:Ph.D. Reader, Dept. of Zoology, D.A.V College, Kanpur, Res.: 7/182, Swaroop Nagar, Kanpur-208002, Tel. No. (R)0512-2214800 **Spl.-Fish and Fisheries/Avian Endocrinology**; Supervised 20 Ph.D Students, Member/Fellow of many academic bodies, recipient of several awards/Honours/Medals; attended many seminars (over 40), editor of few books and journals, published more than 50 research papers in standard journals.



DR. A. K. CHANCHAL (b.) M.Sc.:Ph.D:F.Z.S.I., Reader, Dept. of Zoology, S.P.M. College, Udantpuri-Nalanda, Res. : Siristar, Amber, Biharsharil, Nalanda, Bihar- Tel. (R) 06112-223616; **Spl.- Fish Physiology/Toxicology**, published more than 60 research papers in journals of National/International repute, supervised about a dozen Ph.D students, PI of few major research projects funded by ICAR and UGC, attended many seminars/symposia, member/life member/fellow of many academic societies.



DR. ARUN KUMAR (b. 03-01-1964), M.Sc., Ph.D., F.Z.S.I., Lecturer, Dept. of Zoology, Shakya Muni College, Bodh Gaya, Res. C/o Sri R.S.Prasad, Maharani Road, Pahsi Kothi, Pacca Field (Near Khad Godown), Gaya 823001, Tel. (R) 0631-2425609; Mobile : 9835017274, **Spl. - Ichthyology**, published 6 papers in National/International Journals, attended many National seminars/symposia; member/life member/fellow of many professional/academic bodies.



DR. AJAY BHATTACHARYA (b. 02-10-1952), M.Sc., Ph.D.(London), D.I.C., (Edinberg), F.Z.S.I., Principal Scientist, Indian Lac Research Institute, Namkum, Ranchi - 834010, Jharkhand, Tel. No. 0651-2261153/2260117(O), Res. 0651-2540518/2545974/23111875, *Email - ajoysscintist@rediffmail.com; lac@ilri.bih.nic.in*, **Spl. Entomology/Lac Culture/Biological Control of pest**; published 55 research papers in journal of National/International repute; wrote 9 book chapters; attended 19 National symposia, delivered 11 radio talk, member/life member of many professional/academic bodies/organisation.



DR. ABHIJIT DUTTA, M.Sc.,Ph.D.,F.Z.S.I., Professor, Post Graduate Dept. of Zoology, Ranchi University, Ranchi 834002, Res.: Flat No. 103, Gurukripa Apartment, Shukla Colony, Hinoo, Ranchi 834002; Tel. (R)0651-2500920, Mobile No.: 9431105473, **Spl. - Environmental Sciences/Ichthyology**; supervised 4 Ph.D students, published 8 research papers, wrote 5 book chapters, attended more than 10 National Seminars, recipient of ZSI Gold Medal, member/life member of many profession bodies.

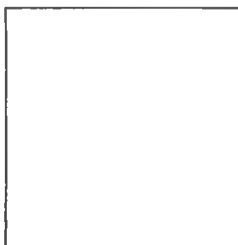
BIOGRAPHY OF INDIAN ZOOLOGISTS



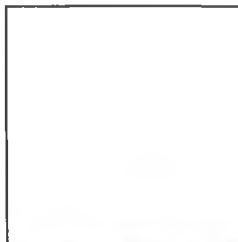
DR. AMITABH HORE (b. 30-07-1953), M.Sc., Ph.D., Professor, Dept. of Zoology, Ranchi University, Ranchi, Res. : Kushum Vihar, Tagore Hill, Ranchi 834008; Tel. No. 0651-2233806 (O), 2541058 (R), Mobile - 9835195448. **Spl. - Fish and Fisheries/Endocrinology**, published more than 28 research papers in journals of National/International repute; Editor/Referee of many journals; visited New York (1994). Member/life member of many professional bodies; attended many seminars/symposia.



DR. ARUN KUMAR PANDEY (b. 15-09-1949), M.Sc., Ph.D., F.Z.S.I., Professor, Dept. of Zoology, L.N. Mithila University, Darbhanga, Res.: "Arunanchal", Professor's Colony, Dighi Tank (West), Darbhanga 846004, Tel. (R) 06272-222412/250047, Mobile - 9431286661. **Spl. - Environmental Biology/Fish Biology**, supervised 6 Ph.D students, published about 50 research papers in reputed journals, held many administrative posts; member/life member/fellow of many professional/academic bodies; recipient of many honours including ZSI Gold Medal; **elected Recorder of the Section of Zoology, Entomology and Fisheries of Indian Science Congress (1999-2001)**; participated/co-chaired many National Conferences.



MAJOR (DR.) ASHA MATHUR, (b. 13-12-1943), M.Sc., Ph.D., F.A.Z., F.Z.S., E.I.C.A., Principal, Govt. Naveen Girl's College, Gwalior (M.P.) **Spl. - Physiology/Reproductive Biology/Toxicology**, supervised 8 Ph.D students, recipient of many honours/awards, organised/attended many workshops, PI of many research projects funded by UGC, MAPCOST, DOE etc; authored 3 books, Editor of few journals.



DR. AKHILESH KUMAR (b. 15-11-1971), M.Sc. Ph.D., F.Z.S.I., Lecturer, Dept of Zoology, S. Sinha College, Aurangabad (Bihar), **Spl. - Entomology/Sericulture**, published 7 research papers in standard journals, wrote one book, member/life member of many professional bodies, attended many National Seminar, recipient of ZSI Young Scientist Medal.



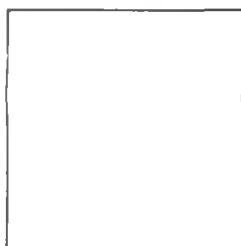
DR. BIHARI LAL BHATIA (b. 14-08-1884 — d. 16-07-1941), M.Sc. (Punjab Univ., 1909), D.Sc (Punjab Univ., 1932); F.N.A. (Formerly National Institute of Sciences of India now Indian National Science Academy), started his career as Demonstrator in Zoology at Govt. College, Lahore in 1902 was elevated to the post of Assistant professor (Govt. College, Lahore) and then principal Govt. College, Hoshiarpur in 1927. In 1938, Bhatia was offered the post of Principal, Sangrur and Superintendent of Education, Jind State. In 1921 his first famous book "*An Elementary Text - Book of Zoology for Indian Studies*" was published by McMillan and Co. Ltd, St. Martin's Street, London. He was awarded D.Sc degree of Punjab University for his outstanding researches in "Protozoology" which were published in two volumes of "*The Fauna of British India Including Ceylon and Burma*" brought out under the authority of the secretary state of India in council by Taylor and Francis Ltd., Fleet Street, London. During 1921-1922 he carried out his researches on the protozoa in the Kings College, London. He was eminent scientist in his field. Dr. Bhatia belonged to

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a family of Nationalists, he had so many personal qualities in him. He was fellow of zoological society and Royal Microscopical Society of Great Britain. **Even the Zoological Society of India owes its birth to the vigorous spade work put in initially by Bhatia** (Material received from Prof. G.P.Sharma).



DR. BIBHUDHENDRA KUMAR MISHRA (b. 26-09-1950) M.Sc; Ph.D, FZSI, FSB, FISEP, Principal Scientist, Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar-751002 (Orissa); Res. - Plot No. 299, Commercial Complex, Chandrashekharpur, Bhubaneswar-751021; Tel. (0674) 2465421, 2465446; Fax - 2465407 (O); 2401963 (R); *E-mail:cifa@ori.nic.in; cifa@hubl.nic*; **Spl. - Freshwater Aquaculture**(Breeding, Culture & Health Management).



DR. B.N.YADAV (b. Jan. 1938), M.Sc;Ph.D;Former Professor and Head, Dept.of Zoology, Magadh University, Bodh Gaya - 824234, Res.: D/3, Aprajita Apartment, Ashiana Road, Khajpura, Patna - 800014, Tel. (R) 0612-2588961; published more than 60 research papers in standard National/International Journals; supervised 12 Ph.D students, fellow of Royal Microscopic society (FRMS), Oxford; on editorial board of the Bulletin of Pure and Applied Sciences: He is author of several books.



PROF. BHUPENDRA NATH PANDEY (b. 20-03-1946), M.Sc. (Gold Med.) Ph.D, F.A.Z., F.ZSI, FIAES, MNASc, Professor and Head, Dept of Zoology, Magadh University, Bodh Gaya - 824234, Res. : Hill View Compound, Rampur, Gaya 823001. Tel. No. 0631-2423329, Mob. No. 9431409545, **Spl.- Fish Biology/Fish Physiology/Aquaculture/Toxicology, Significant Contribution** - Hormonal regulation of oxygen uptake in Indian freshwater teleostean fishes; physiological & nutritional energetics; bioenergetic modelling and concept of non-pathological and adaptational anaemia in fresh water teleosts. Ph.D. produced-40, published 24 books, and 160 original research papers in journals of National and International repute. Elected to the highest posts in professional bodies (**President - Section of Zoology, Entomology and Fisheries of Indian Science Congress Association for the year 1995-1996**; President - Zoological Society of India, for the year 2002-2004, Chaired one section at the 3rd International Symposium of Asia & Oceania Society for comparative endocrinology held at Kwangju, South Korea - 1998, and won numerous awards (congress of Zoology Gold Medal, Eminent Zoologist of 20th Century award and Sir Dorab Tata Medal -1998-2000 by Zoological Society of India; Scientists of the year 2001 award by National Environmental Science Academy, New Delhi; Appointed Judge for 15th & 16th M.P.Young Scientist Congress at Bhopal in 2000 & Chitrakoot in 2001; American Medal of Honour 2002 (by ABI). Principal investigator of several research projects funded by DST, UGC, ICAR and CSIR, New Delhi. Attended many International Seminar abroad (China, Thailand, Hong Kong, South Korea, Japan & Taiwan, Editor in Chief of **Proc. Zool.Soc.India**, Best Citizen of India award by IPH New Delhi (2002), Chaired/attended more than 100 seminars in India and abroad; delivered invited lectures at many places as resource person and key note addresses.

BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. BELA ZUTSHI (b. 05-06-1961) M.Sc.,M.Phil.Ph.D. Assistant Professor in Fisheries, Dept. of Zoology, Bangalore University, Bangalore, 560056; **Spl. Fishery Biology/Physiology/Histochemistry**; published 7 research articles, got several awards for best paper presentation, attended several national and international seminars.



PROF. BISHWAMBHAR DATTA JOSHI (b. 05-06-1947), M.Sc.,Ph.D, FZSI, FIAH, FIAESc, FAI, Head, Dept. of Zoology and Environmental Science and Dean, Life Science, Gurukul Kangri University, Harwar - 249404, Res. - Shiva Parvati Sadan, Gyanlok Colony, Near Rajpoot Dharamshala, Kankhal, Harwar - 249406, Tel. No. - 01334-245793, Fax No.- 01334-246366, *E-mail : joshibd@rediffmail.com*; produced 13 Ph.D. students; supervised 58 M.Sc Dissertation, **Spl. Fish haematology/Microbiology/Eco-biodiversity**, principal investigators of 9 major research projects, published-120 original research articles, 34 general articles, attended 71 symposia/seminars; life members/member of a number of academic bodies, got several honours/awards for excellent research work; visited - Finland, France, England, Edited/wrote several books, recipient of several ZSI Gold Medals.



DR. BABASAHEB VISHWANATH, RAO YADAV (b. 15-08-1954), M.Sc. Ph.D. F.H.S.I., Reader, Dept. of Zoology, Dr. B.S.A. Marathwada University, Aurangabad-431004, Maharashtra, Fax No. 91(0240)334291, *E-mail:bamuaaur@bom4vsnl.nit.in*. Res.: 4, Vidyaniketan Colony, Jalna Road, Opp. Saint Francis School, Aurangabad-431003, Tel. No. 0240-333310, **Spl. - Parasitology**, produced-22 Ph.D Students, published 125 research papers in national and international journals, attended over 50 National/International seminars, delivered several guest lectures, wrote several books, member of several academic bodies, visited Chaingmia University, Thailand. He is actively engaged in research activities.



DR. B. S. CHAUHAN (b. 02-05-1914), M.Sc.,Ph.D.,D.Sc.,C.M.Z.S. (Lond.), F.A.Sc; F.Z.S.I., F.N.A.Sc. Former-Vice Chancellor, Dr. H.S. Gaur University, Sagar, Dy. Director, Zoological Survey of India, Kolkata, Former President, Zoological Society of India, Res: Chhatra Chhaya, 220, Civil Lines, Narsinghpur-487001 (M.P.) **Spl.- Parasitology/Helminthology**, published more than 80 research papers in Journal of National and International repute, receipt of Sir Dorab Tata Gold Medal, Dr. G.D.Bhalerao Memorial Gold Medal and many other honours/awards/fellowship of many academic bodies, editor of many journals. **He was elected president of the section of Zoology of Indian Science Congress held at Delhi (1963)**; attended/chaired large number of Seminar/Symposia/Conferences. His research work has been quoted in the standard text books, books reference and research journals all over the world. He is at the moment president of Helminthological Society of India. Apart from being a well known zoologist, a brilliant research worker, a very competent administrator, Dr. Chauhan has a rare combination of a towering and dynamic personality, researcher with International reputation, a very capable technocrat and a educationist known for his acumen, tact and challenging tasks.

BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. BIRENDRA KUMAR SINGH (b. 10-01-1952), M.Sc., Ph.D., F.Z.S.I. Reader, Dept. of Zoology, Inspector of Colleges (Science), Magadh University, Bodh Gaya - 824234, Tel. No. (R) 0631-2200684, published 65 research papers and 3 books, produced 3 Ph.D. Students, attended many seminars, member/life member of many professional bodies. **Spl.-Entomology**, elected secretary general of zoological society of India; recipient of ZSI Gold Medal.



DR. B.D. AGRAWAL (b. 30-04-1941), M.Sc., D.Phil.; Former Head, Dept. of Zoology, K.B. (P.G.) College, Mirzapur (U.P.) **Spl.-Entomology**; published 23 research papers in standard journals.



DR. B. C. JHA M.Sc., Ph.D., Senior Scientist, CICFRI, Barrackpore-743101 (W.B.) Tel. (O) 033-25601190, Fax-25600388, (R) 033-25607201. **Spl.-Fish and Fisheries, EIA/Biodiversity**, published more than 50 research papers, visited - Australia, New Zealand, Thailand, Singapore and Malaysia.



DR. BRAJESH KANT DWIVEDI (b. 04-03-1961), Director, Bioved Research Society, 255A/4A, Om Gayatri Nagar, Teliarganj, Allahabad, 2114004, UP. Tel. 0532-26676609/2641786. **Spl.-Parasitology/Nematology**, published 65 research papers in standard journals, edited 10 books, Editor of many journals.



DR. B. BHARATHA LAKSHMI (b.) M.Sc., Ph.D., F.H.S., F.Z.S.I., F.S.E.Sc., F.En.R.A., F.A.Sc., F.N.E.S.A., Associate Professor, Dept. of Zoology, Andhra Univ., Visakhapatnam, Tel. (O) 2754871, Ext. 230; Res. : Plot No. 6, Ocean View Layout, Visakhapatnam 530003 (A.P.), Tel. (R) 0891-2713396, Fax - 0891-2713396; **Spl. - Parasitology/Environmental Sciences**, published many research papers in National/International Journals, supervised many Ph.D., students; member/life member/fellow of many professional bodies, attended many National/International Seminars, recipient of honours/awards/several Gold Medals.



DR. BIRENDRA NATH PANDEY (b. 01-01-1955), M.Sc., Ph.D., F.Z.S.I., Professor, Dept. of Zoology, Purnea College, Purnea (Bihar) 854301. **Spl. - Human Ecology/Population Health & Population Genetics/Limnology**, published more than 80 research papers in journals of National/International repute, produced 12 Ph.D students and supervising another seven students for the same; PI of many research projects funded by ICMR and DOEn, New Delhi, attended/organised

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many seminars, member/life member/fellow of many professional bodies; recipient of ZSI Gold Medal (2000), member editorial board of many journals, actively engaged in research, made significant contribution in Tribal Ecology, Genetics and Health Status; authored one book.



DR. BISWARUP MUKHERJEE (b. 05-09-1957), M.Sc., Ph.D., D.Sc., F.Z.S.I., Reader, Dept. of Zoology, Ranchi College, Ranchi 834008; Res.: Flat No. 1A, Kalyani Apartments, Navin Mitra Road, Burdwan Compound, Ranchi 834001, Tel. (R) 0651-2560083, Email: bn_mukherjee@yahoo.co.in. **Spl. - Environmental Biology/Mathematical Modelling**, supervised 2 Ph.D students, participated in many National/International symposia. PI of many research projects (UGC); published more than 14 research papers, authored 4 books, visited -- USA, recipient of ZSI Gold Medal.



DR. B. D. SHARMA (24-01-1933), M.V.Sc., Ph.D., former Associate Professor, Animal breeding and Genetics, Ranchi Veterinary College, Kanke, Ranchi - 834007; Res. : Village-Arsanday, P.O. Boreya, Ranchi 835240, Tel. (R) 0651-245516. **Spl. - Pig breeding and Management**, member/life member/fellow of many professional bodies/community organization, recipient of many awards including "Fakhruddin Ali Ahmed Award (ICAR). He is still very active.



DR. B.R.R.P. SINHA (b. 15-06-1945), M.Sc., Ph.D., Director, Central Tasar Research and Training Institute, Piska Nagri, Ranchi - 835303 (Jharkhand). Tel. No. 0651-2775629(O), 2510412(R), Fax No. 2775629. **Spl. - Entomology/Sericulture**, published more than 167 research papers in Journal of National/International repute, recipient of "Seth Baldeodas Award" member/life member of many professional bodies; attended/chaired many seminars/symposia.

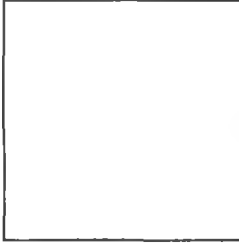


DR. BHOLA MAHTO, M.Sc., Ph.D., F.Z.S.I., Reader, Dept. of Zoology, R.L.S.Y. College, Ranchi 834009, Tel. (R) 0651-2543648. **Spl. - Environmental Biology**, published more than 10 research papers in standard journals, recipient of ZSI Gold Medal; member/life member of many professional bodies, attended many National Seminars.

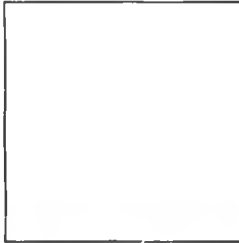


DR. B. S. JHA (b. 01-03-1957), M.Sc., Ph.D., F.S.E.Sc., F.S.SCE, F.Z.S.I., Reader, Dept. of Zoology, L.N.Mithila University, Darbhanga - 846008, Res. : Opposite Ram Janaki Nursing Home, Radio Station Road, Darbhanga - 846004, Tel. 06272-222358(O), 223102(R). **Spl. - Fish Biology/Cell Biology/Toxicology**, supervised 10 Ph.D students, published 53 research papers in journals of National/International repute. Editor/Referee of many journals, member/life member/fellow of many professional bodies; organised 1 National Seminar, recipient of ZSI Gold Medal.

BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. BANSILAL KAUL (b. 1942), M.Sc., Ph.D., former Principal, Govt. SPMR College & Commerce and Business Studies, Jammu. **Spl. Ichthyology/Wild life ecology**, published more than 60 research papers in standard journals, wrote 3 books, organized several seminars, member/life member of many professional bodies, recipient of prestigious award (world food day award).



DR. BENOY KRISHNA TIKADER, M.Sc., Ph.D., D.Sc., former Director, Zoological Survey of India, Kolkata, **Spl. Taxonomic and ecological research on spiders and scorpion**, wrote many books having hobby of wild life and nature photography



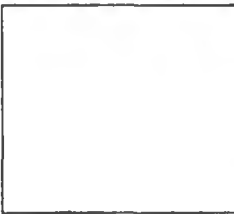
DR. BHAGAT GOPAL KAPOOR (b. 04-07-1929) M.Sc., Ph.D., Former Professor, Dept. of Zoology, University of Jodhpur, Jodhpur (Rajasthan), Res. : 58, Manohar Enclave City Centre, Gwalior-474002, Tel. No. (R) 0751-2346466, PI of many major research projects funded by UGC, supervised 8 Ph.D. students, delivered lecture as resource person in UGC sponsored refresher courses. **Spl.-Fish Biology**, wrote many books, work quoted in foreign books, published more than 32 research books articles in standard journals, member/fellow of many academic bodies, attended many seminars.



PROF. BUDDHADEB MANNA (b. 24-07-1943), M.Sc., Ph.D., Professor of Zoology, University of Calcutta, 35 Ballygunge Circular Road, Kolkata, 700 019, Res: 140 A/ 11, Sarat Ghosh, Garden Road, Dhakuria, Kolkata-700031, Tel. (R) 033-24155928. **Spl. - Parasitology**, published 85 research papers in standard journals, supervised 16 Ph.D. students, member/life member of many academic bodies, PI of many major research projects funded by UGC, CSIR, ICMR, S&T, W.B. Govt., attended/chaired many seminars.



DR. B.N. SINGH, M.Sc., Ph.D., Former ADG (IF), ICAR, Krishi Bhavan, New Delhi-110011, Tel. (R) 011-25825237. **Spl. - Fish Physiology/Aquaculture/ Nutrition/ Reproductive Biology**, published more than 110 research papers in journals of National/International repute, wrote 5 book chapters, honoured with fellowship of NAAS; visited - USA, U.K., Ireland, Scotland, Germany, France, Italy, Switzerland and Austria in connection with training and attending conferences; member/life member of many professional bodies.



DR. BEERA SARAT CHANDRA (b. 15-12-1953), M.Sc., Ph.D., Director, Central Silk Board (Central Office) and Seribiotech Research Laboratory; B.T.M. Layout, Madivala, Bangalore - 560 068. **Spl. - Symbiology/Sericulture**, member/life member/fellow of many professional/academic bodies; did some innovations in silk culture membership in editorial boards of few journals; produced one Ph.D student, published 136 research papers in reputed journals; participated in International Conferences/Workshops.

BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. CHANDIDAS SAHA (b. 16-01-1946), B.Tech., Ph.D., (Aquaculture Engineering), FZSI, FNC, FSB, FBRS, FZS, former Director, CIFA, Bhubaneswar, Res.-2A, Shantiniketan Apartment, AE-4, Rabindra Pally, Kolkata-700 001. Tel. No.-033-25717964. *E-mail:csaha@vsnl.net*, **Spl.-Aquaculture Engineering**, published 80 research & technical papers, wrote 5 books, visited- USA, UK, France, China, Thailand, Italy, Hungary and many other countries, received several honours including "Jewel of India Award, Dr. V.G. Jhingran Gold Medal, fellows of many academic bodies, life member of ten professional societies. He is an International Consultant.



PROF. CHATURBHUJ PRASAD SINGH (b. 03-01-1939), M.Sc., Ph.D., F.A.Z., FZSI, FMI, former Head, Dept. of Zoology, Patna University, Patna, Res.-"Manjula Niwas", New Colony, Chitragupta Nagar, Kankarbagh, Patna-800 020, Tel. No. 0612-2363395. **Spl. - Animal Physiology**, produced 12 Ph.D. students, published more than 17 research papers, life members of a number of academic bodies, attended several seminars. He is still an active research worker.



DR. (SMT.) CHANDANA HALDAR (b. 13-11-1952), M.Sc., Ph.D., Professor, Dept. of Zoology, B.H.U., Varanasi-221005, U.P. **Spl. - Pineal Endocrinology/Reproductive Physiology**, supervised 15 Ph.D. students, published more than 110 research papers and about 102 abstracts in journal of National and International repute, recipient of many distinction/prize/awards/medals/honours including Prof. A.B. Mishra Award, IBRO/UNESCO fellow, UGC career award (1991-1994), INSA young scientist Award (1983), Member/Life member/fellow of a number of scientific/academic bodies, attended/chaired many National and International Symposia at Germany, Israel, Holland, Italy, Poland, Hungary, U.K., Spain, Japan etc., work cited in many book/international reviews, **made significant contribution on neuroendocrine glands of vertebrates Total Citation - 341.**



DR. CHAZHOOR JAHN BABU (b. 30-06-1949), M.Sc., Ph.D., M.B.A., DIM, SDM, AIDM; FSD, Dy General Manager, Godrej Sara Lee Ltd., Pirojsha Nagar, Eastern Express Highway, Vikhroli (E), Mumbai - 400097, India. Res. : 56, Kuber Co-op, Housing Society -17, Vashi, New Bombay - 400703; Tel. (R) 022-27893481, Fax : 91-22-55976800. **Spl. - Environmental and Public Health related Projects/Malaria Control Dengue Control**, worked in Brain Biochemistry research (M.S.Univ., Baroda); associated with organisations like WHO, World Bank, DDA, British Council, attended many National Conferences and International Conferences at Geneva (1986), France(1987), London (1991), Taiwan (2001), visited – USA, Thailand, Singapore, Taiwan, Mauritius, South Africa and Hongkong etc.



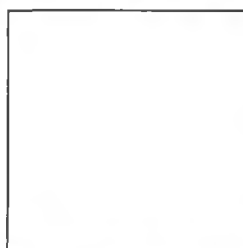
PROF. D.K. BELSARE, M.Sc., Ph.D., D.Sc., F.N.A.Sc., F.Z.S.I., former Head, Dept. of Biosciences, Baraktulla University, Bhopal, Res. - "Samayantaka", 4-K-1, Kolar Road, Post. Box No.-31, Bhopal - 462016, Tel No. 0755-2424538, *E-mail:sdbelsare@email.com*, supervised-48 Ph.D., and 2-D.Sc students, published 160 original research papers in national and international journals, wrote 5 books, attended over 120 seminars, received several honours and Gold medals for his significant contribution; He was Research Associate, Baylor College of Medicine

BIOGRAPHY OF INDIAN ZOOLOGISTS

(USA), UNEP visiting professor European University, UNEP fellow Germany, Advisor Apipol Company Poland. **Spl. - Fish Biology/Wild life Management/Endocrinology/Biodiversity Conservation.** He has made **significant contribution** to wild life and Biodiversity Conservation in tropical region with special reference to Indian sub continent. Present work- Technology transfer to rural women DST Scheme 2001-2002.



DR. DILEEP KUMAR GUPTA (b. 18-12-1953), M.Sc., Ph.D., Reader, Dept. of Zoology, Bareilly College, Bareilly, UP, Res. - 188, Kanoongoyan, P.O.-Shamatganj, Bareilly, UP; Tel. No.-0581-2544116, 2548686, Email:- guptagrwal@rediffmail.com. **Spl. - Ichthyology/Haematology/Parasitology/Physiology;** produced 6 Ph.D students, published 65 research articles in National and International Journals; attended 20 National and 6 International Symposia, visited - Japan, Poland, Singapore, China, Principal investigators of many research projects funded by UGC, DST, MoEF; Life members of a number of academic bodies, Awarded several Gold Medals for significant contribution including ZSI Gold Medal.



DR. DAYANAND HARIT, M.Sc. (Gold Med.), FESI, FSESc, FIAES, FZSI, FNC, Head, Dept. of Zoology, Govt. Champhai College, Champhai (E.H.R.D., Govt. of Mizoram), Mizoram-796321, Res. : 658/B, Sainik Vihar, Kankar Khera, Meerut Cantt. 250001, U.P. **Spl.-Herpatology/Biodiversity/Entomology,** published -29 research papers, Got several awards including Gold Medals, attended many training programme, seminars, refresher courses etc.



DR. (MRS.) DIPTI CHAKRAVARTY, M.Sc., Ph.D., F.Z.S.I., Head, Dept. of Zoology, Mahila College, Chaibasa, Singhbhum (W), Jharkhand 833201, Res.: Subhash Chowk, Toongri Chaibasa 833201, Tel. (R) 06582-256408; **Spl. - Entomology/Toxicology,** published more than 6 research papers in standard journals & another 5 papers of general nature was also published; member/life member/fellow of many professional/academic bodies, participated in many National Symposia, attended many refresher/orientation courses; finding some times for social work and extra curricular activities.



DR. FIROZ AHMAD (b. 14-01-1946), M.Sc., Ph.D., F.Z.S.I., Professor and Head, Dept. of Zoology, Ranchi University, Ranchi, Res. D-3, Provat Tower, 71, Circular Road, Ranchi - 834001, Tel. 0651-2233806(O), 2562786(R). **Spl. - Ichthyology/Endocrinology, Limnology,** published more than 55 research papers in journals of National/International repute, member/life member/fellow of many professional bodies. Participated/chaired many seminars, supervised many Ph.D students and enjoyed many administrative posts in the university.

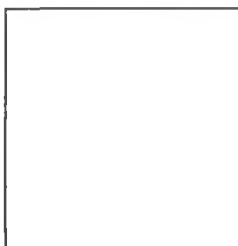


DR. DILIP KUMAR KESHARI (b. 06-09-1962), M.Sc., Ph.D., Lecturer, Dept. of Zoology, T.S.College, Hisua, Nawada (Bihar). Tel. No.-0631-2427585. **Spl. - Entomology,** published 4 research papers, author of one book; member/life member of many professional/academic bodies, attended over a dozen seminar/symposia, recipient of ZSI Gold Medal; he was elected zonal member, section zoology, Entomology and Fisheries of Indian Science Congress (1999).

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DR. DEVI PRASAD SINHA (b. April 25, 1935), M.Sc., Ph.D., F.A.Z., former Professor and Head, Dept. of Zoology, Magadh University, Bodh Gaya - 824234, Res. A-26, Krishna Apartment, Boring Road, Patna. Tel. (R) 0612-2264868 / 2262510. **Spl. - Helminth Parasitology/ Insect Physiology and Ecology**, produced more than 10 Ph.D students, published 150 research papers in journal of National and International repute; attended many seminars, member/life member of several professional/academic bodies, an excellent teacher and researcher.



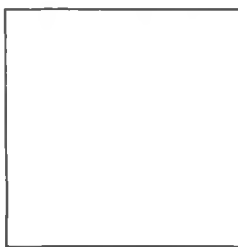
DR. D. C. KALIA (b. 13-04-1954), M.Sc., Ph.D., Asst. Professor, Dept. of Biosciences, H.P. University, Shimla (H P.) 171005; **Spl. - Parasitology**, published 30 research papers in standard journals, supervised 2 Ph.D. and 5 M.Phil. students. He is actively engaged in research.



DR. D.N. VISHNOI (b. 23-11-1936), M.Sc., M.Phil., former Reader, Dept. of Zoology, Allahabad University, Allahabad (U.P.) **Spl. - Entomology/ Cytochemistry**, supervised 3 Ph.D. students and published 35 research papers in standard journals.

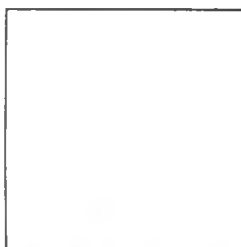


DR. DWARKA PRASAD GUPTA (b. 12-08-1940), M.Sc., Ph.D., former Professor and Head, Dept. of Zoology, Dr. H.S. Gaur University, Sagar (M.P.), 470 003, India. Tel. No. (R) 07582-224829. **Spl. - Entomology**, produced five Ph.D. students, published more than 25 research papers in standard journals. member/life member of many academic bodies; visited- U.K., Syria, West Germany and Japan etc. participated/chaired in many National/International seminars, wrote two books, work cited in many foreign books.



PROF. DURGA PRASAD HALDAR (b. 25-09-1939), M.Sc., Ph.D., former Professor, Dept. of Zoology, University of Kalyani - 741235, West Bengal. **Spl. - Protozoology**, supervised more than 35 Ph.D. students; published 160 research papers and 37 abstracts in National/International Journals; PI of major research projects funded by DST (W.B.), ICAR and UGC, CSIR, member/life member of numerous scientific bodies; visited - Nairobi (Kenya), Bangladesh, Warsaw, invited to attend seminars at London, USA, Canada, Poland, Switzerland, Phillipines, Hungary, Japan etc. Fellow of many learned societies.

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DR. DILEEP KUMAR, M.Sc., Ph.D., F.Z.S.I. Lecturer in Zoology, Bokaro Mahila College, Bokaro Steel City (Jharkhand), published 10 research papers in standard journals, fellow of zoological society of India, received certain training at CIFA pertaining to "Advances in Carp breeding", Integrated Fish Farming", Magur Breeding and Culture". Wrote few books, attended few national seminar.



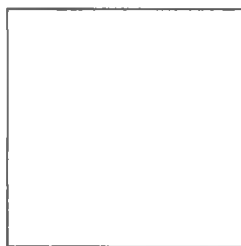
DR. DYANENDRA KUMAR (b. 02-10-1952), M.Sc., Ph.D; Professor Dept. of Zoology, V.K.S. Univ., Ara, Bhojpur - 802301; Pukar Press Jail Road, Ara, **Spl. - Environmental Toxicology**, produced 4 Ph.D students, another 4 students have submitted their Ph.D thesis under him; published more than 30 research papers in National/International Journals; attended many National Seminars.



DR. D. R. KHANNA, M.Sc., Ph.D., Reader, Dept. of Zoology and Environmental Sciences, Gurukul Kangri University, Haridwar, Tel. (O) 01334-245940, Res. : 405, Vivek Vihar, Haridwar - 249407, Tel. (R) 01334-2421817, **Spl. - Ichthyology/Limnology/Aquatic Microbiology**, published 56 research papers, authored/co-authored 3 and edited 4 books; Editor/member editorial board of few journals, member/life member/fellow of many Scientific bodies; attended more than 15 seminars; supervised one Ph.D and supervising another 5 for Ph.D degree; organised many seminars; supervised 27 M.Sc dissertation students; actively engaged in research.



PROF. GANPATI PARSHAD SHARMA (b. 11-12-1917), M.Sc., Ph.D. (Pb), Ph.D. (Edin), F.N.A., F.N.A.Sc.:F.A.Z. former Professor and Head, Dept. of Zoology, Punjab University, Chandigarh-160014; Emeritus Professor. **Spl. - Cytology/Genetics**, member/life member/fellow of many professional/academic bodies including Indian National Science Academy and National Academy of Sciences, Allahabad; recipient of Omen Prize and signed the Roll of Honours twice at the Govt. College, Lahore (now in Pakistan, Overseas scholarship of the Govt. of India to work at the University of Edinburgh (1945-1947), Eminent zoologist of the 20th Century Gold Medal by Zoological Society of India; **Elected President of Zoology section of Indian Science Congress**, supervised large number of Ph.D. students and published large number of original research papers in journal of National/International repute; participated/chaired many National/International Conferences abroad, Dr. Sharma has made significant contribution in field of Cytogenetics which has been recognised at International level. At the moment he is most respected Indian Zoologist of this Country.



DR. GAUR MOHAN SINHA (b. 19-10-1942), M.Sc., Ph.D., former Professor, Dept. of Zoology, Burwan University, Burdwan - 713104. Res. Indraprastha, Baburbag, Burdwan, 713104, W.B. **Spl.-Fish and Fisheries**, supervised 10 Ph.D. and 8 M.Phil students, published more than 90 research in Journal of National/International repute, attended/chaired many seminars/symposia, PI of many major research projects funded by UGC and ICAR; had foreign collaboration with Prof. K.R. Olson

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of University of Notre Dame (Indiana), Member/Fellow/Life member of many scientific bodies, recipient of Congress of Zoology Gold Medal by ZSI (1995&1998).



DR. G. C. PANDEY, M.Sc., Ph.D., F.I.A.E.S., F.B.R.S., F.N.C., F.Z.S.I., Professor and Head, Dept. of Environmental Sciences, Dr. R.M.L. Awadh University, Faizabad-224001 (U.P.), Res.: 147, Avas Vikas Colony, Angooribag, Faizabad-224001, Tel. (R) 05278-261422. M. No. 94151-6436. **Spl.-Biochemical toxicology/pollution monitoring/ Bioremediation**, published more than 90 research papers in various journals of international repute, supervised more than a dozen Ph.D. students; PI of 5 major research projects funded by Govt. agencies; member/life member/fellow of many academic societies; editor of many journals, edited one book, attended/chaired many seminars, visited-China, Thailand, recipient of IAES & ZSI Gold medals and many other honours/awards.

ember/fellow



DR. GUNDERAO KISHANRAO KULKARNI (b. 12-10-1950), M.Sc.,Ph.D., Sigma XI (USA), Professor, Dept. of Zoology, Dr. B.S.A. Marathwada University, Aurangabad (Maharashtra) 431004 Res.:Flat 16, Radhakrishna Apts. Ahinsha Nagar, Jalna Road, Aurangabad-431001. Tel. No. 0240-350177, Fax-0240-334291, **Spl.-Environmental Sciences/Animal Physiology/Biodiversity**; produced 15 Ph.D. students, published 112 research papers, life members of a number of academic bodies, principal investigators of a number of research projects funded by UGC, DST etc, organized 4 seminars and recipient of few awards and fellowships.



PROF. (SMT.) GEETHA VISWANATHAN, M.Sc.,Ph.D.,Professor, Dept. of Zoology, St. Joseph's College of Arts and Science, 36, Lalbag Road, Bangalore-560027, Tel. No. (R) 3440694/3444081, *E-mail:geethaviswanathan@rediffmail.com* **Spl. - Medical Entomology**, published 58 research papers in National and International Journals, supervising 6 students for Ph.D. degree, attended many seminar/symposia. She is devoted research worker.



DR. GHANSHYAM SOLANKI, M.Sc.,Ph.D., FAZ,FZSI,FNC; Dept. of Applied Science, North Eastern Regional Institute of Science & Technology, Nirjuli-791109, Itanagar, Arunachal Pradesh, Tel. No. (O) 0360-257401-8, Ext. - 257749(R), Fax- 0360-244307/257872, *Email:gss@nerist.ernet.in and gssolanki@yahoo.cd.in.* **Spl. - Biodiversity/Ecology**; published nearly 50 research papers in National/ International Journals, guided 7 dissertations of the PG students, guiding to students for Ph.D. degree, members/life members of many academic bodies, recipients of several honours/gold medal. PI of many research projects.



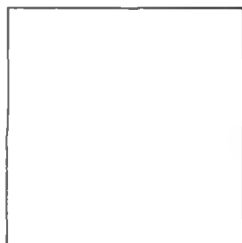
DR. GEETHA BALI, M.Sc.,Ph.D.,Professor in the Dept. of Biotechnology, Bangalore University, Bangalore-560056, Karnataka. Tel. (R) 080-23417155, **Spl. - Neuroethology/Insect Neurophysiology and Behaviour/Electrophysiology**; supervised 12 Ph.D students, published more than 100 research papers in standard journals, worked in several renowned universities abroad (Germany, Hungary, USA etc.); recipient of Alexander Von Humbolt fellowship, INSA-Hungarian Academy

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of Science exchange fellowship, UGC young scientist's career award etc; organised a number of symposia, seminars and workshops at the National/International levels, member of many academic bodies and scientific organizations; **elected president section- zoology, Entomology and Fisheries Sciences of Indian Science Congress (2000-2001).**



DR. G. S. SANDHU, M.Sc., Ph.D., Lecturer, Dept. of Zoology, S.G.N.Khalsa College, Sri Ganga Nagar-335001 (Rajasthan), Tel. (O) 0154-2420369 (R) 2424189. Prof. Exp. more than 18 years. Experience in teaching at graduate and PG level and also conducting research in aspects related to fish biology. Guided 2 Ph.D. Students. **Cur. Int.** Fish Biology.



DR. G. TRIPATHI, (b. 01-04-1960). M.Sc., Ph.D., Associate Professor, Dept. of Zoology, J.N.V. University, Jodhpur, Rajasthan. Res.: D-41, Saraswati Nagar, New Pali Road, Jodhpur - 342005, Tel. (R) 0291-2742/59. **Spl. - Biochemical Physiology/ Bioresource Technology**, published over 125 research papers, reviews and chapters in various books of International repute; Editor/on editorial board of half a dozen research journals, member/life member of many professional/academic bodies, actively engaged in research. PI of various major research projects (DBT, ICAR, etc), authored/edited 10 books, supervised 6 Ph.D students, received several honours.



PROF. GEORGE MATTHAI (b. 13-11-1887), M.Sc., Sc.D. (Cambridge), came from a noble and highly respectable family of Syrian Christians of Travancore (Tamil Nadu). Student of Madras Christian College (1905-1906) and teacher of the same college (1907-1911), went to Britain for research, **studied vigorously coral fauna** (for which he had crossed Indian Ocean 7 times) and got Sc.D. degree of Cambridge (1929), recruited to the Indian Education Service (IES), joined Govt. College, Lahore (Now in Pakistan), appointed Professor and Head, Dept. of Zoology, Punjab University, at Lahore Prof. Matthai continued his researches on corals; it will not be out of place to record here the inspiring and wonderful remarks made for him by the then principal H.L.O. Garrett while writing the history of the Govt. College, Lahore; visited several National museums at Washington, Harvard University, Yale University, New York etc. for studying Coral; Elected fellow of Linnaeus Society and the Royal Society of Edinburgh in 1935 when the National Institute of India now the Indian National Science Academy came into being, he was enrolled as its Foundation Fellow. **Elected President, Section of Zoology of Indian Science Congress thrice** (during 7th Congress in 1920 at Nagpur, 10th Congress at Lucknow in 1923 and in 1938 at Calcutta); he studied common leech, *Limnatis granulosa* (in 1919), initiated the publication of memoirs and the bulletin & published it (1st memoir - "Fauna of Karachi"; 2nd - Polychaetes; 1st Bulletin - "Fauna of Lahore, 2nd Bulletin - "Entomostraca (water fleas) of Lahore", 3rd bulletin - Firefly, *Luciola gorhami*, 4th bulletin - "Spiders of Lahore", 5th bulletin - Fishes of Lahore, 6th bulletin - "Fauna of Kashmir". 1st Monograph - "*Colonial Astracidae*" in 1914). Prof. Matthai was also a great teacher, excellent researcher, inspirer, naturalist and an eminent scientist. He suddenly died on 25 June 1947 (Material received from Prof. G.P.Sharma)

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PROF. (DR.) HARJINDER SINGH ROSE, M.Sc., Ph.D., FRES (London), FAZ, FEST, FZSI, FNESA, FBRIS, FIEAS, Professor, Dept. of Zoology, Punjabi University, Patiala-147002, Punjab: Res. - 4049, Phase 2, Urban Estate, Patiala - 147002. Tel No. (91) 175-282707, Fax (91) 175-282707. **Spl. Entomology/Biodiversity**, published 140 research papers, 7 articles & 2 encyclopedia entries, produced 17 Ph.D's and 13 M.Phil students, Principal investigator of 8 major research projects funded by UGC, CSIR, ICAR, DST and MoEF, attended more than 34 National/International Conferences, fellow of many academic bodies and received several awards/Honours/Gold Medals.



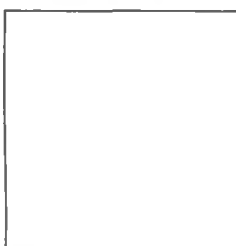
DR. H.K.P. SINGH (b 03-12-1952), M.Sc., Ph.D., Reader, Dept. of Zoology, Marwari College, Kishanganj - 855107 (Bihar). Res. - Gunjan, Professor's Colony, Milanpalli, Kishanganj - 855107. Tel. - (R) 06456-222536, Fax - 06456-222587 **Spl. Haematology/ Ecology**, published 4 research papers, guiding 4 research scholars for their Ph.D degree, attended many seminar/symposia, life member of many academic bodies.



DR. H. S. BANYAL (b 16-12-1952), M.Sc., Ph.D., Reader, Dept. of Zoology, Punjab University, Chandigarh-160014. **Spl. Protozoology**, published more than 35 research papers, supervised more than 3 Ph.D. and 6 M.Phil students, member/life member of a number of academic bodies.



DR. HARDIAL SINGH, M.Aqua (Phillipines), Ph.D., Sr. Scientist, Ludhiana Centre of Central Institute of Freshwater Aquaculture, PAU Campus, Ludhiana-141004. Tel. (O) 0161-2405500 (R) 2459369. **Prof. Exp.** More than 26 years experience in the field of brackishwater and freshwater aquaculture in the agro-climatic conditions of Bengal, Orissa and Punjab. One of the farmer adopted by Ludhiana-Centre has received ICAR Best Farmers Award which carries a citation and Rs. 1 lakh. **Cur. Int.** Freshwater prawn and fish culture. RAC, CICFRI, Barrackpore, Member NABARD, Marine Fisheries Advisory.



PROP. H.C.P. SHETTY, M.Sc., FIFSI, FAA, (Rtd.), Director of Instructions, College of Fisheries, Mangalore, Manoraman II Main Lohitnagar, Mangalore-575006. Tel. 0824-2212533, Fax. - 440395, Email : hpcshetty@yahoo.com **Prof. Exp.** More than 40 years experience in various sectors of fisheries including education. Worked as Sr. Fishery Scientist at CIFRI, Barrackpore, Director of Instructions, College of Fisheries, Mangalore, Aquaculture Consultant, FAO, Rome, Inland Fishery Adviser, FAO, Bangkok, Fishery Adviser to Cambodia. Consultant DANIDA-DEE at Mangalore, Councillor, Asian Fisheries Society and Founder Chairman of its Indian Branch.

Presently Chairman Board, Karnataka, Associated in many selection panels in India and abroad. Was a member of Indian delegation of USA, UK. Published more than 150 publications in RAC, CICFRI, Barrackpore,

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Member NABARD, Marine Fisheries Advisory in various national and international journals Award (1992), COFAA, Award (1994) Rotary vocational Award (1999). **Cur. Int.** Aquaculture and fisheries education.



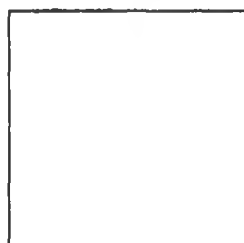
DR. HARI NARAYAN TIWARI (b. 09-07-1949), M.Sc., Ph.D., FZSI, Professor and Head, Dept. of Zoology, Ranchi College, Ranchi. Res. : Hehal Bunglow, Green Park, Near Hehal, P.O. Ratu Road, Ranchi-834005 (Jharkhand). Tel (R) 0651-2511048, **Spl. Cytogenetics**, supervised one Ph.D student, published more than 10 research papers in standard journals, attended more than 15 national seminars, member/life member of many professional bodies.



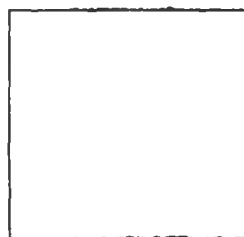
PROF. H. R. SINGH (b. 1943), M.Sc., Ph.D., Pro Vice-Chancellor and Professor and Head, Dept. of Zoology and Dean Faculty of Sciences, Allahabad University, Allahabad - 211002, Tel. : 0532-2440695 (R), 2460788 (O), Fax - 0532-2461157. Email:phrs@rediffmail.com, **Spl. - Fish Biology/Limnology Environmental Biology**, published more than 25 research papers in journals of National/International repute; produced 32 Ph.D students, authored 3 text books, edited 3+2 books; PI of many research projects, funded by different Govt. agencies and MRAG, London, Member/life member of many professional bodies, visited - U.S.A., Germany and Switzerland, recipient of many honours/awards such as SL Hora Memorial Award (1987), Best Scientist Award (2002 by NES) etc.



DR. I.K. PAI (b. 09-08-1957), M.Sc., Ph.D., Sr. Lecturer Dept. of Zoology, Goa University, Goa-403206. Res. : 21/I, University Quarters, Goa Univ., Goa 403206. Tel. : 0832-2230654, **Spl. - Zooplanktology/Sericulture/Cyto-toxicity**, published more than 40 research papers in National/International journals; author of 3 books, PI of many major research projects, attended/organised many seminars/workshops, recipient of many fellowship award/Gold medal, life member of many professional bodies. He was selected as a member of 21st century first Indian antarctic Expedition team for the year 2000-2001; produced 2 Ph.D student's. He is a devoted research worker.



DR. INDULKUMAR SUDHAKAR TUKARAM, B.F.Sc., M.Sc., Ph.D., Curator, Marine Biological Research Station Dr. B.S. Konkan Agricultural University, Peth Kila, Ratnagiri 415612 (Mah.). Tel.: (02352) 32995(O), 26342(R), Fax. : 32241. Email:mbrstn@bom6.vsnl.net.in. **Prof. Exp.** More than 16 years experience in various areas of fish and crustacean biology. **Cur. Int.** Culture and Nutrition Research of *Macrobrachium rosenbergii*.



DR. ISSWAR PRASANNA, B.F.Sc., M.Sc.(FM), DBM, Ph.D. Scholar, CIFE, Versova, Mumbai-61. Email:isswarp@hotmail.com. **Prof. Exp.** Three years research experience. Developed a cell line (TP-1) from golden mahseer fry. **Cur. Int.** Fish cell culture, cell line development, molecular biology.

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DR. INDU KUMARI (b. 02-01-1957), M.Sc., Ph.D., FZSI, Lecturer, Dept. of Zoology, Shershab College, Sasaram, Rohtas, Bihar. Res. : Gali No. 10A, Mohalla-Gorakshani, P.O. Sasaram, Dist.-Rohtas - 821115 **Spl. Fish and Fisheries**, published 3 research papers in standard journals, member/life member/fellow of many professional/academic bodies; attended many conferences, orientation and refresher courses.



PROF. J. P. THAPLIYAL (b 05-11-1922), M.Sc., Ph.D., F.N.A.Sc; F.Z.S.I., F.N.A., former Professor and Head, Dept. of Zoology, B.H.U., Varanasi (U.P.), UGC visiting Professor at Shillong and Imphal; Res : B-1/2, Sheesh Mahal Colony, Kamakhya, Varanasi-221001 (U.P), Tel. (R) 0532-2393972, **Spl. - Endocrinology**, published 208 research papers in journals of international repute, supervised 25 Ph.D. students, Foreign research collaboration in U.K., Europe, USA, Japan and France etc; visited USA, Sweden, Netherland, France, Switzerland, Italy, Hungary, Japan and Czechoslovakia; Chaired/Participated in many symposia, organized 5 National seminar, member/life member of many academic bodies, National lecturer (1979-80), **elected president, section of Zoology, Entomology and Fisheries of Indian Science Congress (1980-81)**, president of many other scientific bodies's recipient of several Gold medals from different scientific societies, **made significant contribution in Avian Endocrinology.**



PROF. JAGDISH BAHADUR (b. 12-01-1931), M.Sc., Ph.D., D.Sc., former Professor and Head, school of studies in Zoology, Jiwaji University, Gwalior, M.P.; **Spl. Entomology**; fellow of National Academy of sciences, Entomological society of India and Royal Entomological Society, London, chaired/attended many seminars, organized many seminars/symposia, PI of many major projects funded by CSIR, UGC, MPCST etc; supervised 18 Ph.D., and 6 M.Phil; published more than 100 research papers in standard journals, worked as Rector of Jiwaji University, Gwalior, recipient of "Shikshak Garima Award (1989), **significant contribution included structure and physiology of nervous, digestive, excretory, neuroendocrine and vascular system of insects**, visited USA to work with Prof. T.L. Hopkins at Kansas University.



DR. JOGINDER SINGH YADAV (b. 01-12-1941), M.Sc., Ph.D., former Jawahar Lal Nehru Professor, Deptt. of Zoology, Kurukshetra University, Kurukshetra-132119. **Spl. : Cytogenetics**, supervised about a dozen Ph.D. students, published 85 research papers, PI of many research projects funded by C.S.I.R., member/life member of many academic bodies, attended/chaired many seminars.



PROF. JYOTI SWARUP DATTA MUNSHI (b. 08-02-1930), M.Sc., Ph.D., F.N.A.Sc; F.N.A., former Professor and Head, Dept. of Zoology and Dean, Faculty of Science, T.M.Bhagalpur University, Bhagalpur-812007, former CSIR Emeritus Scientists, INSA senior scientist, visiting Professor Univ. of Bristol. Res: P/124A, Usha Park, Garia, Behind Usha Fan Industry, Bansidroni, Kolkata-700084, Tel. No : 033-24102641. **Spl.-Fish and Fisheries/Fish Respiratory Physiology/ Limnology**, produced 51 Ph.D. and one D.Sc student; published more than 263 research papers in journal of National/International repute, wrote six books; recipient of S.L.Hora

BIOGRAPHY OF INDIAN ZOOLOGISTS

Gold Medal, INSA, Chandrakala Hora Medal, Golden Jubilee Medal of Zoological Society, Calcutta and ZSI Gold Medal, Fellow of Indian National Science Academy (FNA), National Academy of Science (F.N.A.Sc), F.Z.S.I, **elected President Section - Zoology, Entomology and Fisheries of Indian Science Congress Association (1979-1980)**, editor of many journals, organised 2 National and 2 International Seminars, visited - Bristol, Italy, Sweden, Switzerland, France, West Germany, USA and Poland, PI of about 30 major research projects funded by CSIR, INSA, UGC, ICAR, DST, DOEn, NSF (USA), Smithsonian (USA), significant contribution - Respiratory physiology of Fishes.



DR. JAGDISH OJHA (b. 15-08-1943), M.Sc., Ph.D., F.Z.S.I., former Professor and Head, Dept. of Zoology and Dean, Faculty of Sciences, T.M. Bhagalpur University, Bhagalpur, Res. : Road No. 1, Rajendra Nagar, Patna, **Spl. - Ichthyology/Respiratory Physiology/Toxicology**, member/life member of various academic bodies, published more than 75 research papers in National/International Journals, supervised 10 Ph.D students, PI of many major research projects funded by UGC, D.O.En, has foreign collaboration with Prof. G.M. Hughes (U.K.) and Prof. K.R. Olson (U.S.A.), attended many seminars, recipient of ZSI Gold Medal (1998) and British Council fellowship, organized one seminar and published 2 books.



DR. JAYAPRAKASH (b. 16-06-1952), M.Sc., Ph.D., Dept. of Zoology, Bangalore University, Jnanabharathi, Bangalore - 560056, Tel.- 080-23214001 (Ext. 214), Fax-080-3219295, *Email: jepe52@yahoo.com*, Res.: 1/92, 18th Main Road, V Block, Rajasinagar, Bangalore - 560010, Tel. (R) 080-23357278, **Spl. - Applied Genetics**, visited - Thailand, Japan, USA, Singapore, Hongkong; recipient of many awards/fellowships; published more than 17 research papers in National/International Journals, participated in many Conferences, edited one book; supervised 7 Ph.D and 6 M.Phil students, PI of many major research projects funded by UGC, Dept. of Atomic energy, Govt. of India, member/life member of many professional bodies organised many seminars.



PROF. K. C. BOSE, M.Sc., Ph.D., former Professor and Head, Dept. of Zoology and former Vice Chancellor, Ranchi University, Ranchi, Jharkhand; Res : P.P. Compound, Ranchi-834001, Tel. : 0651-2314607; **Spl. - Ichthyology/Limnology/Entomology**, supervised large number of Ph.D students and published over 100 research articles in National/International Journals, attended/chaired large number of Conferences, organized many seminars, recipient of many awards/Honours/Gold Medals, member/life member/fellow of many academic/scientific bodies, edited a number of standard publications under Bihar Granth Academy, **elected president, section Zoology, Entomology and Fisheries of Indian Science Congress**. He is the senior most zoologist both of the state of Bihar and Jharkhand.



DR. KULDEEP KUMAR (b. 29-03-1951), M.Sc., Ph.D., FZSI, FBRS, FISEP, FNC, FSB, Senior Scientist, Trainers Training Centre, Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar-751002 (Orissa), Res. : 480/481, Nayapalli, Unit VIII, Bhubaneswar-751012, Tel. : 0674-2465421, 2465446, Fax : 2465407 (O) 2402893 (R); *Email: cifa@ori.nic.in; cifa@hubl.nic*; **Spl. - Fish & Fishery Science**, Freshwater Aquaculture (Breeding, Culture & Toxicology).

BIOGRAPHY OF INDIAN ZOOLOGISTS



PROF. KAMLESHWAR PANDEY, M.Sc.(Gold Med.),Ph.D., former Professor and Head Dept. of Zoology and Dean, Faculty of Science, DDU Gorakhpur University, Gorakhpur-273009 (U.P.), Tel. No. (R) 0551-236288, **Spl. - Fish & Fisheries**, published 47 papers mostly in International Journals, produced 10 Ph.D students, wrote 6 books, attended many seminars/conferences, members of many academic bodies and PI of many research projects funded by CSIR, CST, UGC and ICAR etc. He had the privilege of holding many administrative posts.



DR. K. V. DEVARAJ (b. 29-01-1937), M.Sc.,D.F.Sc.,Ph.D.(U.S.A), Director, Vydehi Institute of Biotech Sciences and Vydehi Biotech Park, 17, Sankey Road, Bangalore - 560020. *Email:kvdevaraj@hotmail.com/btpl.html@hotmail.com*. Res. : 39, 7th Cross, UAS Layout, Sanjaynagar, RMV 2nd Stage - Bangalore-560094, Tel. - 91-80-3411666, Fax : 91-80-3411271. **Spl.-Aquaculture/Fisheries Management and Education**, published over 150 research articles, received several awards/Honours/Gold Medals, fellow of many scientific bodies. **Significant Contribution** – Induced breeding of freshwater carps and catfishes, nutritional requirement of Carps, feed formulation etc. He was the Vice-Chancellor, UAS, Bangalore, Chairman/Dean/Director/Member of many Scientific bodies.

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DR. KUMAR RAJENDRA SINGH, M.Sc.,Ph.D.,F.Z.S.I.,F.N.E.S.A., Professor, Dept. of Zoology, L.S.College, B.R.A. Bihar University, Muzaffarpur (Bihar) Res : L/Q-46 (Near Univ. Press), New Readers Colony, University Campus, Muzaffarpur - 842001; Tel. : (R) 0621-2242066, **Spl.-Applied Entomology/Limnology**; published 80 research papers, produced 12 Ph.D students, wrote 2 books, PI of 4 research projects funded by UGC, New Delhi; recipient of many awards/Gold medals.



DR. KRISHNESHWAR SHARMA (b. 02-02-1951), M.Sc.,Ph.D.,F.Z.S.I., Reader, Dept. of Zoology, Magadh University, Bodh Gaya-824234, Tel. (R) 0631-2223408; **Spl.-Parasitology**, produced 3 Ph.D. students, published 15 research papers, life member/fellow of many professional bodies, recipient of Dr. G. D. Bhale Rao Gold Medal.

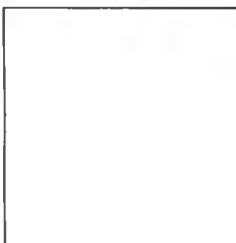


DR. K.B. SHARMA (b. 25-12-1948), M.Sc.,Ph.D.,F.Z.S.I.,F.G.A.I. Professor, Dept. of Zoology, Magadh University, Bodh Gaya - 824234; Tel. (R) 0631-2424511; **Spl.-Entomology/Fish and Fisheries**; published 73 research papers, 3 books articles, supervised 18 Ph.D. students; attended/chaired many National Seminars, member/life member/fellow of a number of Professional/academic bodies; **Significant Contribution**; In the field of Env. Sericology/Physiology/Biochemistry of Silkworm, elected working president, Zoological Society of India; recipient of ZSI Gold Medal.

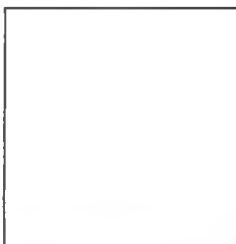
BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. K. P. DWIVEDI (b. 02-01-1941), M.Sc., Ph.D., former Professor, Dept. of Zoology, C.M.D. College, Bilaspur (M.P.) **Spl.-Entomology**, supervised 2 Ph.D., and 5 M.Phil students, published 10 papers in standard journals.



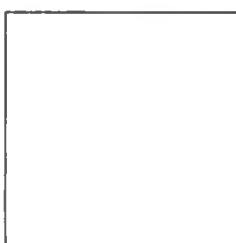
DR. K. P. JANARDANAN (b. 03-12-1947), M.Sc.; Ph.D; Reader, Dept. of Zoology, University of Calicut, Kerala-673635; **Spl.-Parasitology**, supervised 2 Ph.D students, published 25 research papers in standard journals.



DR. K. V. RAJENDRAN, Ph.D., Sr. Scientist, CIFE, Versova, Mumbai-400061. *Email:rajendrankv@hotmail.com* **Prof. Exp.** Fourteen years research experience in fish diseases. Published, 22 papers in international and national journals. Won gold medal from Aquaculture Foundation of India. Presently working as a Visiting Scientist in Division of Aquatic Medicine, Yosu National University, South Korea on a Korean Govt. Fellowship. **Cur. Int.** Viral diseases in shrimps and myxosporean diseases of fishes.



DR. KAMALDEEP KAUR, M.Sc., Ph.D., Professor and Head, Dept. of Fisheries, Punjab Agricultural University, Ludhiana. **Spl.-Developmental Biology/Fish Production Technology**, published more than 40 research papers in standard journal, 2 books and farm bulletins.



DR. K. C. PANDEY, (b. 05-07-1943), M.Sc., Ph.D., D.Sc., F.Z.S.I., former Professor and Head, Dept. of Zoology, Lucknow University, Lucknow and former Vice Chancellor, Ch C.S. Meerut Univ., Res: C-296, Behind Post Office, Niralanagar, Lucknow, Tel. (R) 0522-2789573/2214931, **Spl.-Fish and Fisheries/Parasitology**, supervised more than 36 Ph.D. and 14 M.Phil. students, published 150 research papers in standard journals, wrote 5 books, member/life member of many learned societies, recipient of many honours/awards and Gold Medals including Dorab Tata Gold Medals, widely travelled abroad, **elected president, section Zoology, Entomology and Fisheries of Indian Science Congress (1994-1995)**, President - Helminthological Society of India.

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DR. KRISHNA NAND TIWARY (b.), M.Sc., Ph.D., Head, Dept. of Zoology, H.D. Jain College, Ara (V.K.S. University, Ara). Tel. No. (R) 06182-226856, **Spl. - Entomology/ Fish & Fisheries/Animal behaviour**, published six research papers and supervised 2 Ph.D. students.



DR. (MISS.) KASTURI SAMANTARAY, (b. 22-03-1956), M.Sc., Ph.D., FZSI, FSB, FBRS, Associate Professor, College of Fisheries, Orissa University of Agriculture & Technology, Rangeilunda, Berhampur-760007 (Orissa); Res. : A-4, College of Fisheries Campus, OUAT, Rangeilunda, Berhampur-760007; Tel. : (0680) 2242235 (O) 2242249; **Spl. - Fish & Fishery Science**, Nutritional Biochemistry, Physiology. She is devoted research worker; published 19 research papers and six general articles, produced 2 Ph.D students.



DR. KAUSHAL KISHORE SHARMA, M.Sc., Ph.D., Reader, Dept. of Zoology, Co-operative College, Jamshedpur, Jharkhand. **Spl.-Physiological Ecology/ Endocrinology**, supervised one Ph.D student; published more than 12 research papers in standard National/International Journals and about 9 popular scientific articles; Attended many seminars/symposia, wrote few chapters in International books, member/life member of many professional bodies.



DR. (SMT.) KALYANI PANDEY (01-01-1954), M.Sc., Ph.D., F.Z.S.I., Professor, Dept. of Zoology, M.R.M. College, Darbhanga-846004, Res. : "Arunachal", Professor's Colony, Dighi Tank (West), Darbhanga-846004, Bihar, Tel. : (R) 06272-222412/250047; **Spl.-Fish Biology/Environmental Biology**, published about 50 research papers in reputed journals, supervised 5 Ph.D, students, PI of UGC funded research project, Member/Life member/Fellow of many professional bodies; recipient of many honours including ZSI Gold Medal; participated/co-chaired many seminars/symposia.



PROF. LILA DHAR CHATURVEDI, M.Sc., Ph.D., F.A.Z., F.Z.S.I., F.A.I., F.Ř.M.S., F.S.B., former Professor and Head, Dept. of Zoology, Hindu College, Moradabad (U.P.), Res. : Municipal Flat, Gandhi Park, Moradabad - 244001 and 887, Laxmibai Nagar, New Delhi - 110023. **Spl.-Ichthyology/Environmental Science**, published 50 papers in National and International journals, produced 14 Ph.D students, PI of several research project funded by CST, CSIR and UGC, attended and chaired many seminars and fellow of many academic bodies.

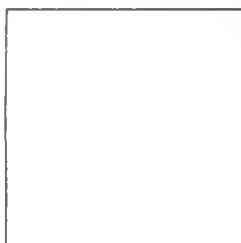
BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. LAKSHMI KANT GHOSH (b. 31-12-1937), M.Sc., Ph.D., F.E.S.I., F.Z.S.I., F.Z.S. (Cal), F.A.S.I., D.Sc., Emeritus Scientists, Zoological Survey of India, Kolkata; Res. : 43/6, Biblabi Barin Ghosh Sarani, Flat No. 12, Kolkata - 700067; Tel. (R) 033-23513232; **Spl. - Entomology/Aphidology**; received award/recognition/honour, fellow of many academic bodies, published more than 118 research papers in National/International Journals, engaged in writing books.



DR. L. S. RANGANATHAN (b. 29-09-1945), M.Sc., Ph.D., Dept. of Zoology, DDE, Annamalai University, Annamalai Nagar, 608002. **Spl. - Insect Endocrinology**, supervised 4 Ph.D. and 7 M.Phil students, published 50 research papers in standard journals.



DR. (MRS.) LAKSHMI NATHAM, M.Sc., Ph.D., Reader and Head, Dept. of Zoology and Co-ordinator Industrial Fish and Fisheries, S.K.Porwal College, Kamptee, Nagpur 440 010 (Mah.), Tel. : 2529834(R). Prof. Exp. About 20 years of teaching and research in fishery science and aquaculture. Published 20 research papers and authored 4 books in English and Marathi. Curr. Int. Ornamental fish breeding and culture.

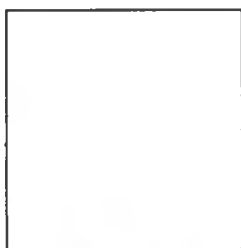


DR. MOHAMMED HAFEEZ (b. 15-07-1950), M.Sc.(Vet), Ph.D., F.U.W.A.I., F.N.E.S.A., F.N.A.V.Sc., F.I.A.A.V.R., F.Z.S.I., Professor and Head, Dept. of Parasitology, College of Veterinary Science (ANGRAU), Tirupati - 517502 (A.P.), India. Tel. (R) 0877-2225997, Fax - 0091-0877-2250270/2225211, *Email: hafeezvet@yahoo.com*; produced 3 Ph.D students; published 124 papers, 58 popular articles, attended 98 seminars, visited many foreign countries such as Cyprus, Argentina, USA; experts in selection committees of many universities, published many books; held many administrative posts, PI of many research projects, organized summer institutes/conferences, attended many training programmes, life members of many professional/scientific bodies.



DR. M. VIKRAM REDDY (b. 01-07-1950), M.Sc., Ph.D., Reader, Dept. of Zoology, Kakatiya University, Warangal-506009, A.P.; **Spl.-Soil Arthropods**, supervised 3 Ph.D students, published 35 research papers in standard journals.

BIOGRAPHY OF INDIAN ZOOLOGISTS



MOHAMMED S. MANUSH, B.F.Sc., Dip. Export Mgmt., M.F.Sc., Student CIFE, Versova, Mumbai-61, **Prof. Exp.** Practical experience in hatchery management, processing plant, on board fishing, designing of gears. **Cur. Int.** Fish nutrition and biochemistry.



DR. MAHESH CHANDRA AGRAWAL (b. 02-01-1943), M.Sc., Ph.D., former Professor, Dept. of Parasitology, College of Veterinary Science and Animal Husbandry, Jabalpur - 482001; Res: C/o Shri Bangle House, 44, Choubejee Ka Bag, Firozabad, U.P. Tel. No. (R) 0761-2321772; **Spl. - Parasitology**, supervised 3 Ph.D and 2 M.V.Sc thesis, published more than 73 research papers in standard journals, attended/chaired many conferences, visited USA and Japan.

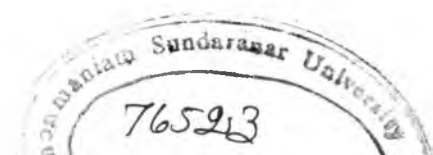


PROF. MOHAMMAD SHAMIM JAIRAJPURI (b. 1942), M.Sc., Ph.D., FiBiol, FNA, FNA.Sc., FAAS, FZSI, F.Z.S., former Professor and Head, Dept. of Zoology and Dean Faculty of Science Sciences, Aligarh Muslim University, Aligarh, former Vice Chancellor, Maulana Azad National Urdu University, Hyderabad, **Spl. - Nematology/Parasitology**, published some 20 books and monographs, over 350 research papers, numerous book chapters and general articles in reputed journals of the world, visited - USA, U.K., Germany, Netherlands, Belgium, Italy, Australia, Switzerland, Canada, South Korea, Egypt, Pakistan and Bangladesh. Participated/Chaired many National/International Conferences, fellow of many academic bodies; supervised 23 Ph.D and 26 M.Phil students; former, Director, Zoological Survey of India, Kolkata, former advisor Govt. of India on all matter pertaining to zoology. **elected President, section zoology, Entomology and Fisheries of Indian Science Congress (2001-2002)**, editor of many journals besides recipient of many honours, awards and ZSI Gold Medals.



PROF. MADHAB CHANDRA DASH (b. 28-11-1939), M.Sc., Ph.D. (Canada), F.N.A.Sc., F.Z.S.I., Vice Chancellor, Sambalpur University, Sambalpur, Orissa, former Head, School of Life Sciences and Dean, faculty of Sciences, Sambalpur University, former Chairman, Orissa State Pollution Control Board, Tel. No. : 0663-2430158(O), 0663-2430170(R), Mobile No. : 09861-091232, **Spl. - Soil Ecology/Biodiversity/Sericulture/Environmental Sciences/Vermitechnology**, produced 40 Ph.D students, published over 200 research articles in journals of National/International repute, published 20 books, wrote 11 book chapters/2 edited volumes. **significant contribution** included - Earthworm Eco-physiology leading to development of Vermitechnology, Conservation of Amphibians and Turtles, Environmental Education Awareness etc. He widely travelled abroad including Canada, Germany etc. **He was elected President, section - Zoology, Entomology and Fisheries for 86th Session of Indian Science Congress.** He presided/attended many scientific sessions of National/International Conferences; recipient of many Honours/awards/Gold Medals including - 'Samanta Chandra Sekhar Award - 1991, ZSI Gold Medals (1998 & 2001), Nandighosh Sanman 2000 and SGAT Excellence Award - 2002 etc. He has enjoyed several administrative posts/member - National Expert Committee. He is well known scientist of International stature.

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BIOGRAPHY OF INDIAN ZOOLOGISTS



PROF. MADIREDDI V. SUBBARAO (b. 06-05-1939), M.Sc., Ph.D., D.Sc. (IOU), PDR (USA), former Head, Chairman and Co-ordinator Dept. of Environmental Sciences, Andhra University, Visakhapatnam - 530003, Res.: 50-120-8/I, "Sivasadan, Seethammadhara, North Extn. Visakhapatnam - 530013, Tel. No. : 91-891-552888/553445. Fax: 91-891-522888/543996, *Email: subbarao-mvs@hotmail.com*. **Spl. - Environmental Sciences/Biodiversity/Herpetology**, published 180 research papers in National/International Journals; produced 27 Ph.D and 12 M.Phil students, wrote-9 books. PI of 10 major research projects funded by UGC, CSIR, DOEn etc., attended/chaired many seminars, life member/fellow of many academic bodies, visited many foreign countries including-USA, UK, France, Canada, Germany and Switzerland etc;organised many seminars. He is founder President of Environmental Research Academy, International (EnRA).

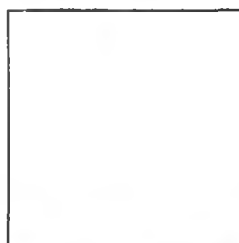
etc., attended



DR. M. RAMASWAMY (b. 09-06-1951), M.Sc.,Ph.D.,Reader, Dept. of Zoology, Govt. Arts College (Aurangabad), Coimbatore-641018, Tamil Nadu, Res.:6/2-C, Sowripalayam Road, Ramanathapuram, Coimbatore - 641045, Tamil Nadu. Tel. (R) 0422-2310537, **Spl.-Fish Physiology/Toxicology**, published 50 original research papers in National/International Journals, produced one Ph.D. and 7 M.Phil students; credited with more than 10 popular radio talk, membe/life membes of a number of academic bodies. He is well known educationist of Tamil Nadu.



DR. MANIK CHANDRA MAHATA (b. 01-10-1950), M.Sc.,Ph.D.,F.Z.S.I., Professor, Dept. of Zoology, Jamshedpur Co-operative College, Jamshedpur-831001 (Jharkhand), Res.:Kalyan Kutir, 22A, Subash Colony, Dimna Road, Mango, Jamshedpur-831012, Mobile-94371-88982, **Spl.-Ecology of Fish/Taxonomy**; published more than 42 research papers in reputed journals, received USSR scholarship, PI of major research projects funded by UGC, attended many seminars, life member of many academic bodies, author of 3 books. He is devoted research worker.



DR. MOHAMMAD ABDULLAH, M.Sc.,Ph.D, Dept. of Zoology, V.B.University, Hazaribagh-825301, Jharkhand, Res. : Qazi Mohalla, Hazaribagh-825301, **Spl.-Entomology**, published many research articles, attended many seminar, member of many academic bodies.

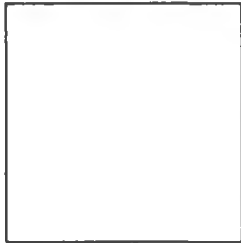


DR. MOHAMMAD RAZIUDDIN (b. 01-01-1951), M.Sc., Ph.D., F.Z.S.I., Professor and Head Dept. of Zoology, V.B.University, Hazaribagh, Jharkhand, Res.:5 Suleman Colony, Hazaribagh-825301, Tel. (R) 06546-223335, *Email:mrazi@sancharnet.in*. **Spl.-Entomology/Limnology**, produced 10 Ph.D students, published more than 50 research papers, attended 2 International and 35 National Seminars, recipient of several awards/Gold Medals, fellow of many academic bodies, author of 5 books, Editor of many scientific journals and held many administrative posts. He is devoted research worker.

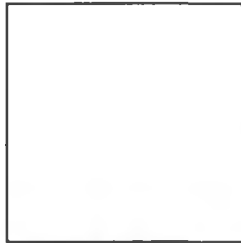
BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. (MRS.) MAYA BANERJEE (b. 20-04-1936), M.Sc., Ph.D., F.A.Z. former Head, Dept. of Zoology, Patna University, Patna, published 31 research papers in National/International journals, produced 3 Ph.D students, life member of many academic bodies, attended/delivered lecture in many seminars, wrote one book and own many prizes. **Spl.-Haematology,**



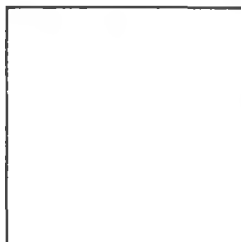
PROF. M. K. JYOTI (b. 17-05-1946), M.Sc., Ph.D., F.A.I.E.S., Professor & Head, Dept. of Biosciences, University of Jammu, Jammu, supervised 7 Ph.D and 9 M.Phil students, wrote 2 chapters in books; published more than 35 research in National/International journals, PI of many major research projects funded by UGC, DOE, member in several decision making bodies, member/life member of a number of professional/academic bodies, visited-Newzealand & Czechoslovakia, attended/chaired many seminars, received many awards including ZSI Gold Medal.



DR. M. R. YADAV (b. 21-05-1946), M.Sc., Ph.D., Lecturer, Dept. of Zoology, KSS (P.G.) Degree College, Saket, Faizabad, U.P. **Spl.-Working on Turtles/Cytogenetics,** published 16 research papers in standard journals.



DR. (MISS) MANJU TEMBRE, M.Sc., M.Phil, Ph.D., Assistant Professor, Dept. of Zoology, Sri Satya Sai Arts and Science College, Bhopal. She has written few books and review articles on the Anatomy and Physiology of fishes; attended many (15) symposia and published 13 research papers in standard journals. She is devoted research worker, visited-U.S.A. member of many academic bodies.



DR. M. VIKRAM REDDY (b. 01-07-1950), M.Sc., Ph.D., F.A.Sc.(Bangalore), School of Ecology and Environmental Sciences, Pondicherry University, Kalapet, R.V. Nagar, Pondicherry - 605014. Tel. : 0413-2655991, Ext. 485, Cell No. 94433-77987, *Email: mallahpureddymv@yahoo.com*; recipient of Fulbright fellowship (USA), Rockefeller foundation fellowship, INSA-JSPS (Japan) and commonwealth foundation fellowship at London (1987) and Gernay (1995); recipient of Indian Academy of Sciences (Bangalore), National Academy of Sciences (Lucknow) fellowship; visited Italy, Hungary, supervised 2 M.Phil and 10 Ph.D students, attended 13 International seminars at U.K. Germany, Japan, USA, Ireland, The Netherland, Australia and 27 National Seminars, author of several monographs and edited many books; published 122 research papers in National/International journals; wrote several course materials. **Spl.- Biodiversity/Environmental Sciences.**

BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. MAHENDRA PRASAD SINGH (b. 26-06-1948), M.Sc., Ph.D., F.A.Z., F.E.S.C (Canada), F.E.S.A. (USA), F.Z.S., Pro Vice Chancellor, V.B. University, Hazaribagh, Jharkhand. Tel. No. : 06546-264724 (O)/262301(R); Res : 3K/I, Housing Colony, Bariatu, Ranchi - 834009; Tel. (R) 0651-2540125; **Spl. - Entomology/Env. Sciences**; published more than 52 research papers in journals of National/International repute; produced 2 Ph.D students and supervising another 7 students, authored 4 books, PI of many research projects, visited many countries abroad such as – USA, UK, Canada, France, West Germany, Sweden, Denmark etc; member/life members/fellow of many professional/academic bodies; participated in many National and International seminars.



DR. (SMT.) NEELIMA GUPTA (b. 07-09-1955), M.Sc. (Gold Med.), M.Phil., Ph.D., F.Z.S.I., Professor, Dept. of Animal Science, M.J.P. Rohilkhand University, Bareilly (UP). Res.: 188, Kanoongoyan, P.O. - Shamatganj, Bareilly, Tel. No.: 0581-2544116/2548686, Email: guptagrawal@rediffmail.com. **Spl.-Parasitology**, published 80 research papers in National/International journals, produced 6 Ph.D students, supervised 20 M.Sc dissertation, attended 5 International/30 National Conferences, member/life member of a number of academic bodies, held few administrative posts, visited – Japan, Poland, Singapore, China, Canada, Australia etc. PI of a number of major research projects funded by UGC, DST, MOEn, delivered several lectures as guest speaker/key speaker. She is most devoted research worker.



DR. N. VEERAPPAN (b. 13-10-1959), M.Sc., Ph.D., B.Ed., Reader, CAS in Marine Biology, Annamalai University, Parangipatta, 603502, Tamil Nadu, **Spl.-Fishery Science/Parasitology**, produced 3 Ph.D and 7 M.Phil students, published 22 research papers, attended over 15 seminars, members of a number of academic bodies, received distinction/awards.



DR. N. C. DATTA; M.Sc., Ph.D, F.Z.S.I., F.N.I.E., F.N.E.S.A., F.M.B.A., F.A.Sc.T., F.N.C., former Professor and Head, Dept. of Zoology, Calcutta University, Kolkata. Res.: 110/20, B.T. Road, Kolkata, 700108. Tel. (R) 033-25772050. **Spl. - Fish and Fisheries/Toxicology/Environmental Sciences**, supervised 40 Ph.D students, published more than 200 research papers in journal of National/International repute; recipient of many honours/fellowships/awards including ZSI Gold Medals, attended/chaired many seminars/symposia. **He was elected president section- Zoology, Entomology and Fisheries of Indian Science Congress (Cochin)**; he is a dedicated and devoted teacher, as well as a Science Communicator of repute.



DR. NAGINA KUMAR DUBEY (b. 27-02-1950), M.Sc., Ph.D., F.Z.S.I., Professor and Head, Dept. of Zoology, L.N. Mithila University, Darbhanga. Tel. No. (O) 06272-222358; (R) 06272-220431, **Spl. - Fish Pathology**, published 15 research papers, produced 8 Ph.D students, attended many seminars/symposia, member/life member of many academic bodies. He is devoted research worker.

BIOGRAPHY OF INDIAN ZOOLOGISTS



PROF. NARAYAN PRASAD TRIPATHI (b. 10-11-1938), M.Sc., Ph.D., D.Sc., F.H.S.I., F.Z.S.I., M.N.A.Sc. former Principal Govt. New Science College, Rewa (M.P.), Res. : Baban Sadan Mayachhaya, 16/1085, Urrahat, Rewa - 486001, Tel. (R)- 07662-240213. **Spl. - Parasitology/Helminthology/Hydrobiology/Entomology**, supervised 35 Ph.D students, recipient of Dr. B.S. Chauhan and Dr. Bhalerao Gold Medals by ZSI, published 180 research papers, participated in many symposia, author of 2 books; life members/member of a number of academic bodies, still devoted actively in research activities.



N.B. PATIL D.F.Sc., Partner, Sonia Fisheries, 177, 3 BPT Building, Sassoon Dock, Colaba, Mumbai-400005, Tel (O) 022-2182301/5, (R) 2183017, Fax : 2185860. **Prof. Exp.** 25 years experience in sea food processing and exports. Visited USA, Japan, UK, France, Spain, Germany, Brussels, China, Thailand to promote export of Indian sea products. **Cur. Int.** sea food export and quality control.



DR. N. ARUMUGAM, M.Sc., M.Phil., Ph.D., Head, Dept. of Zoology, Vivekanand College, Agastheeswaram, Kanyakumari - 629701, Tamil Nadu. Tel. No. 0462-265026. Mob.: 98421-23441; *Email: arumugam_24@yahoo.com*, website : www.saraspublication.com. **Spl. - Environmental Biology/Limnology**; author of 10 books and co-author of another 12 books; attended many National/International Seminars; published many research papers, organised National seminars. He is a creative man.



PROF. NANDI PATI TIWARY (b. 01-08-1950), M.Sc., Ph.D., Professor and Head, Dept. of Zoology, College of Commerce, Patna. Res. : CH/15, Road No. 2, S.K. Nagar, Patna - 800001; Tel. No. 0612-2534534, **Spl. - Fish and Fisheries/Endocrinology**, supervised two Ph.D students, published more than 10 research papers in National Journals, recipient of ZSI Gold Medal and Chancellor's Medal (for being best master) participated/attended/co-chaired more than 12 National Seminars/Conferences; member/life member of many professional bodies.



PROF. N. B. SINGH (b. 1944), M.Sc., Ph.D., Prof. & Head, Dept. of Animal Sciences, MJP Rohilkhand University, Bareilly, U.P.; **Spl. - Entomology/Ecology/Ecological Energetics**, produced 8 Ph.D students, published many research papers in National/International Journals, organised refresher courses, delivered lecture at many places as resource person, participated/chaired many conferences, visited - Canada.



DR. (MRS.) NAMITA JOSHI (b. 25-07-1968), M.Sc., Ph.D., F.Z.S.I., Lecturer, Dept. of Environmental Sciences, Kanya Gurukul Mahavidyalaya, Gurukul Kangri University, Haridwar. Tel. No. (R) 01334-246409, **Spl. : Environmental Sciences/Toxicology/Histopathology**; published 26 research papers in reputed journals, attended more than 10 National Seminars, member/life member of many professional bodies, supervised one Ph.D and about 100 M.Sc dissertation students, about 7 students are registered for Ph.D degree under her supervision.

BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. N. S. LEELA, M.Sc., Ph.D., former Professor and Head, Dept. of Zoology, M.E.S. College, Malleswaram, Bangalore - 560003, Res. : 105, West Park Apartments, 14-A Cross, Malleswaram, Bangalore, Tel. (R) 080-23310706, *Email-nsleela@hotmail.com*. **Spl. - Physiology/Pharmacology**, published about 29 research papers, visited – England, Nepal, Singapore, Malaysia, Thailand, U.S.A., Australia; attended many National/International Symposia/Conferences, member of many professional bodies, authored/edited few books.



PROF. OM PRAKASH MITTAL (b. 08-05-1933), M.Sc., Ph.D., FSCG, FZSI, former Professor and Head, Dept. of Zoology, Punjab University, Chandigarh - 160014, Tel. (R) 0172-2690584. **Spl. - Cytogenetics/Genetics/Arachnology**, supervised 6 Ph.D. 16 M.Phil and 38 M.Sc. dissertation students, published over 200 research papers in International/Foreign journals, Fellow/member/life member of numerous academic bodies, **elected president section - Zoology, Entomology and Fisheries of Indian Science Congress (1990-1991, Indore)**, Visited – Pakistan, U.K., Sri Lanka, Canada and USA, organised a number of Seminar/Symposia; delivered invited lectures in different Conferences, President/Vice President/Editor of many academic societies and journals. He is a dedicated worker and researcher.



PROF. P. NATARAJAN (b. 26-09-1943), M.Sc., Ph.D., F.Z.S.I., FAZ, FZS (London), FSB, FNAAS, FIAES; former Professor and Head, Dept. of Aquatic Biology and Fisheries and Dean, Faculty of Sciences, University of Kerala, Beach P.O. Thiruvananthapuram, Kerala, Res : 20/93, Edaitheru, kuzhithurai, Dist. Tamil Nadu, Tel. (R) 04651-260408; **Spl. - Fish Pathology/Aquaculture/Environmental Biology/ Fish Health Management**, received advanced training at U.K., Germany, USA, Netherland; did collaborative work with Dutch, German, Kuwait etc; member/life member/fellow of many scientific bodies. Chief Editor/Editor of many journals, organised 6 UGC sponsored refresher courses, supervised 10 Ph.D and 13 M.Phil students, PI of many major research projects; published 5 books, visited – UK, Portugal, USA, Germany, Singapore, Malta and Netherland to attend International Conferences; published 123 research papers in standard journals, recipient of ZSI Gold Medals and other honours, member EC of ZSI; did many consultancy work.



PROF. PRABHU NATH PANDEY (b. 22-01-1948), M.Sc., Ph.D, F.B.R.S., F.I.A.E.S., F.Z.S.I., Professor, Dept. of Zoology, Ranchi University, Ranchi, Res. HI/222, Harmu Housing Colony, Ranchi - 834005, Tel. (R) 0651-2243920. **Spl. - Entomology/Fish and Fisheries**, Member/Life member/member Board of Management of many scientific bodies, supervised 12 Ph.D. and One D.Sc. students, published more than 60 research papers in standard journals, wrote several book chapters; participated/chaired many seminars. He is devoted research worker, recipient of ZSI Gold Medal, Pratiba Vikas Samman, Indian Academy of Environmental gold medals etc.

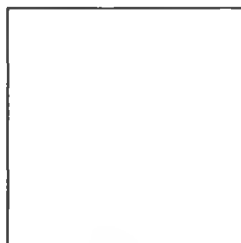
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DR. PRABIN CHANDRA MAHANTA (b. 01-01-1951), M.Sc., Ph.D., FZSI, FBRS, FNC, FAEB, Principal Scientist, National Bureau of Fish Genetic Resources, Canal Ring Road, Telibagh, P.O. Dilkusha, Lucknow-226002 (U.P.), Res. : "Geetanjali", 464, Upahar, ELDECO, Udayan-I, Bangla Bazar, Lucknow-226002, Tel. (0522) 24424440, 2442441, 24441735, Fax - 2442403; 2446676(R). Email: nbfr@sancharnet.in; **Spl. - Fish & Fishery Science**, Biodiversity Conservation.



DR. P. C. MISHRA. (b. 23-01-1953), M.Sc., Ph.D., D.Sc., F.Z.S.I., Professor, Dept. of Environmental Sciences, Sambalpur University, Jyoti Vihar, Orissa, 768019, Tel. No. : 0663-2430301(R), Fax - 0663-430158/431033, Email: pcm_envsu@rediffmail.com. **Spl.- Environmental Science/Vermitechnology/Toxicology**, published 61 research papers in National/International Journals, wrote 10 books, produced 9 Ph.D and 25 M.Phil students, PI of 11 major research projects funded by UGC, DOE etc; organised many summer/winter institutes, seminars/workshops etc; member/life member/fellow of many professional/academic bodies; visited - China, Thailand, US and Singapore, Editor/Managing Editor of many journals. **Significant contribution** : Low cost waste water treatment/solid waste management etc; Received Gold Medals/Awards.



DR. PRADEEP KUMAR MISHRA (b. 09-09-1956), M.Sc., Ph.D., Senior Research Officer, Central Tasar Research and Training Institute, Central Silk Board, Govt. of India, P.O. Piska Nagari, Ranchi - 835303, Jharkhand, Permanent Res. : Village-Gaura, P.O. Gaura, Jai Nagar, Dist. - Doeria (U.P.) 274603, **Spl. - Toxicology/Entomology**, published 67 research papers, PI/CI of 9 major research projects.



DR. PERAR KESHAVNATH (b 03-08-1948), M.Sc., Ph.D., Professor & Head, Dept. of Aquaculture, College of Fisheries, University of Agricultural Sciences, Mangalore - 575002, Karnataka, Tel. No. (R) 0824-2458201, Fax : 0824-2458366, Res. : Subramaniyapura, P.O. - Ashok Nagar, Mangalore 575006, Secretary, Asian Fisheries Society (Indian Branch), produced 7 Ph.D and 20 M.F.Sc. students; published 80 research papers in National/International Journals, participated in 30 National/International Seminars; visited - Stirling (U.K.), Thailand, Netherlands etc; PI of many major research projects, **Spl.- Aquaculture/Fish Nutrition/Fish breeding/Endocrinology**.



DR. PREMENDU PRAKASH MATHUR (b. 02-07-1955), M.Sc., Ph.D., Professor, Dept. of Biological Sciences, Pondicherry University, R.V.Nagar, Pondicherry - 605014, Tel. (O) 0413-655991, Ext.-379, Fax : 0413-655211, Email: ppmathur@pu.pon.ni.in, **Spl.-Reproductive Physiology**, published more than 70 original scientific research papers in National/International Journals, member/life member of several scientific bodies/societies, organized 7 training programme/workshops/seminars, attended more than 50 National/International Conference in India and abroad; visited- New

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York (USA), recipient of population Council visiting Fellowship Award (1990-2002), Rockefeller Foundation Biotechnology Career Award etc. He is brilliant and promising scientist of India who made **significant contribution** to the understanding of male reproductive physiology.



PROF. P. N. MEHROTRA, M.Sc., Ph.D., former Professor and Head, Dept. of Zoology, and Dean, faculty of Sciences, Ranchi University, Ranchi (Jharkhand). **Spl. - Endocrinology/Entomology/Reproductive Physiology/Environmental Biology**, supervised about 40 Ph.D students; published nearly 150 research papers in journal of National and International repute; participated/chaired several National Symposia and Seminars; member/life member/fellow of several academic societies, member of UGC visiting team. He was an unparallel teacher, erudite scholar, brilliant researcher, excellent inspirer, a thinker and a philosopher.



DR. P. SOUNDARAPANDIAN (b. 17-04-1965), M.Sc., M.Ed.;M.Phil., Ph.D., Lecturer, Centre of Advance study in Marine Biology, Anna Malai University, Parangi Pettai - 608502, Tamil Nadu - 243535, Tel. (O)04144-243223/243070, FAX - 04144-243535, *Email:cdl-aucasmb@sancharnet.in*. **Spl. - Aquaculture/Shrimp Culture**, published 57 papers, produced 1 M.Phil student, attended more than 10 seminars, members in a number of academic bodies, received distinctions/awards.



DR. PRAKASH NAUTIYAL, M.Sc., D.Phil. Reader, Dept. of Zoology, Allahabad University, Allahabad, U.P., Res. : 19B, Nyaya Marg, Ashok Nagar, Allahabad-211002. **Spl. - Conservation Biology/Fish and Fisheries/Limnology**, member of various learned bodies of National/International repute, published more than 70 research papers in standard journals, recipient of many awards including ZSI Gold Medal, compiled/edited many books; supervised many Ph.D. students, wrote 10 reviews and one book, organised one National Symposium.



DR. P. P. SOOD, M.Sc., Ph.D., ICMR Emeritus Professor, former Professor and Head, Dept. of Biosciences, Saurashtra University, Rajkot-360005, Gujarat, Tel. (R) 0281-2562277, *Email:ppsood@yahoo.com*, Editor-in-chief of Journal of Tissue Research (Trade Science Inc, 126, Prasheel Park, Sanjayraj farm House, Rajkot - 360005). **Spl. - Neurobiology/Toxicology**; published 150 original research papers covering 80 journals of International repute, 20 chapters in books and 3 books, attended International Conference abroad at – Paris, Netherland, Canada, USA, Germany, over 85 National Conferences, organised a symposium on cellular toxicology at Jena (Germany) in 2002; recipient of Hari Om Ashram Prarit Research Award (1989), Life Time Achievement Award by Society of Science & Environment, New Delhi (2002), delivered platinum jubilee lecture during 87th Indian Science Congress at Pune (2000). He is very devoted research workers and editor of many journals.

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Zoological Society of India. wrote one book.

PROF. P. SHIVAGANGA MURTHY, M.Sc., Ph.D., FZSI, FIAES, Professor (and former Head), Dept. of Zoology, and Dean, Faculty of Science, Bangalore University, Jnana Bharati, Bangalore - 560056, Res. : 170, AIDIP, Viveknagar, Bangalore - 560047, Tel. (R) 080-5715835, **Spl.- Fish Biology/Endocrinology/Toxicology/Hydrobiology**, supervised large number of Ph.D and M.Phil students, published large number of research papers in Journal of National/International repute; organised symposia/ refresher courses, participated/chaired many conferences, visited- Czech Republic (1997), recipient of fellowships and ZSI Gold Medals, elected Vice President,



PROF. PRADEEP KUMAR SUR (b. 04-02-1954), M.Sc., Head, Dept. of Zoology, Kanchrapara College, Kanchrapara - 743145, North-24, Paraganas, W.B. Res. A-9/45, Kalyani-741235, Email: pksur@klyuniv.ener.in. Tel. (R) 033-25828195, Fax : 33-582-8460. **Spl. - Cytogenetics**, attended International workshop on Fish diseases in Tokyo, invited in many foreign countries (Canada, Bangladesh), attended many National/International seminars, member/life member/fellow of many professional bodies, published many research papers in reputed journals, likely to submit his Ph.D. thesis.



DR. PREETY SINHA (b. 29-03-1964), M.Sc., Ph.D., F.Z.S.I., Lecturer, Dept. of Zoology, J.D. Womens College, Patna - 800 023, Res. 105B, Pataliputra Colony, Patna - 800 013, Tel. (R) 0631-2275544, **Spl. - Parasitology/Environmental Sciences**; published more than 6 research papers in standard journals, visited - Syracuse University, USA, member/life member of many professional/academic bodies, attended many seminars/symposia, actively engaged in teaching and research.



DR. PRAMOD KUMAR SINGH (b. 15-07-1945), M.Sc., Ph.D., Reader and Head, Dept. of Zoology, S.P. Jain College, Sasaram, Rohtas, Bihar - 823115, Res. : Deoashis Premchand Path, Gorakshani, Sasaram - 821115, Tel. No. : 06184-220306, **Spl. - Ichthyology/Environmental Biology**, published nine research papers, supervising 4 Ph.D students, member/life member/fellow of some professional bodies, attended many National Seminars/Symposia, organised one UGC sponsored National Seminar.



DR. PREMNATH PANDE (b. 15-01-1949), M.Sc., Ph.D., Reader, Dept. of Zoology, K.S.S. (P.G.) College, Ayodhya - 224123, Res.: 2/8/10-B, Balak Ram Colony, Faizabad - 224001, U.P., Tel.(R) 05278-222168/228862, Email: pnpande@sancharnet.in, prempande22168@yahoo.com, **Spl.-Parasitology, Fish Toxicology/Fisheries Sciences**, PI of 2 major research projects, member/life member/fellow of many professional/academic bodies; elected zonal member of ISCA (1987 and 1995), recipient of many honours/awards and Gold medals (such as Bhalerao & B.S.Chauhan Gold Medals), produced - 19 Ph.D students, participated/co-chaired many seminars (about 37), published 76 research papers in standard journals.

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DR. PRAKASH CHANDRA JOSHI (b. 04-02-1964), M.Sc., Ph.D., F.Z.S.I., FIAES, FSESc, FNRS, Lecturer, Dept. of Zoology and Environmental Sciences, Gurukul Kangri University, Harwar-249404, Uttaranchal, Res.: Manas Kunj, Gyan Lok Colony, Opposite Rajpoot Dharmashala, Kankhal, Harwar - 249408, Tel.-0133-245940(O), 246409(R). **Spl. - Environmental Sciences/Bioenergetics/Entomology**, published more than 42 research papers in reputed journals, supervised 5 Ph.D students and supervising another 3, also supervised 14 M.Phil students, member/life member/fellow of many professional/scientific bodies; PI of many major research projects, recieved professional training at U.S.A., U.K. and Scotland; recipient of ZSI Gold Medal and other honours; attended many (19) seminars.



DR. PRAVEEN KUMAR (b. 09-10-1970), M.Sc., Ph.D., Biology Teacher, K.V.S., Hinoo School, Ranchi. Tel. No. (R) 0651-252288; published good number of scientific papers and book articles in the field of sericulture; recipient of ZSI Gold Medal, attended/participated in many National seminars; member/life member of many scientific bodies. **Spl. - Entomology**.



PROF. (DR.) RAVI PRAKASH (b. 01-11-1923), M.Sc., Ph.D., D.Sc., F.Z.S.I., former Vice Chancellor, Bhopal University, former Head of the Dept. of Zoology Pharmacy, Biochemistry and Life Sciences, former Dean, faculty of Sciences both at Jiwaji Univ. Gwalior and Ravi Shankar University, Raipur, Emeritus Scientists cum Consultant at C.S.I.R. Regional Laboratory, Bhopal. Res.- E-100/40, Shivaji Nagar, Bhopal, Tel. No. 0755-2552324/2586262; produced more than 150 Ph.D students, published more than 75 most notable research papers, Principal Investigator of many major research projects funded by, Dept. of Ocean Development, I.C.A.R., C.S.I.R., DOE and M.P.C.S.T. etc, attended/presided many international conferences at U.K., U.S.A., U.S.S.R. and Mexico etc, fellow of many scientific bodies including zoological society of London, **Elected President, Section - Zoology and Entomology of the Indian Science Congress (1975)**, President & Founder of M.P. Vigyan Academy, **Significant Contribution** - Dr. Ravi Prakash is internationally known for his discovery of impulse initiating and conducting tissue in the heart of lower vertebrates and for enunciating a new theory that pacemaker and purkinje fibres present in the heart of birds and mammals for origin and conduction of impulse, are not neomorphic in origin but have evolved from similar structures present in the heart of fishes, frogs and reptiles; recipient of many honours/awards/Gold medal. Being impressed by his high academic profile, The literature museum society honoured Dr. Prakash by conferring "The Life Time Achievement Award - 2003". Recent field of his interest - Aquaculture/Environment.



DR. RAMESH. C. SHARMA (b. 01-01-1954), M.Sc., D.Phil., D.Sc., F.Z.S.I., Head and Co-ordinator, Dept. of Environmental Sciences, H.N.B. Garhwal University, P.O. Box-67, Srinagar, Garhwal - 246174, Uttaranchal. Tel (R) 01368-252622, Telefax - 01370-267740, Email: drrameshcsharma@yahoo.com, **Spl. - Ecology/Environmental Science/Fish Biology/Biodiversity**; published 86 research papers in National/International Journals, attended over 50 National/International Symposia; produced 20 Ph.D students, visited - USA, Canada, Czechoslovakia, Sweden & Poland etc; received several training; held few administrative posts; PI of many major research

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projects funded by UGC, ICAR, DoEn, NDBR etc; received several honours/Gold Medals: member/life member of many professional bodies, Dr. Sharma is a devoted research worker.



DR. RAMRAO GUNDA PATIL (b. 21-10-1953), M.Sc., M.Phil, Ph.D., Reader and Head, Dept. of Zoology, L.B.S. College, Satara (Maharashtra), Res. : "Saraswati", 76/21 B, Malharpath, Satara - 415002, Tel. (R) 02162-233340. **Spl. - Toxicology/Fish Physiology** published 13 research papers and he has several academic achievements to his credit.



DR. R. K. SHARAN (b. 10-08-1926), M.Sc., Ph.D., former Head, Dept. of Zoology, Patna University, Patna and former Dean, Faculty of Science, Patna University, Patna laid a strong foundation of research activities in the Dept. of Zoology, Patna Univ. **Spl. - Entomology/Limnology**. Dr. Sharan published large number of research papers in National/International Journals, produced many Ph.D students, PI of many major research projects, recipient of many awards/honours/Gold Medals/author of many books.



DR. RAGHAVENDRA S. KULKARNI (b. 15-06-1951), M.Sc., Ph.D., F.A.Z., F.S.S.E., Reader, Dept. of Zoology, Gulbarga University, Gulbarga - 585106, Res.: H.No. 2-178, Jagat Area, Gulbarga-585103, Tel. (R) 08472-245924, Email:root@gubuni.kar.nic.in. **Spl. - Ichthyology/Endocrinology**, published 52 research papers in National/International Journals, supervised 6 Ph.D and 13 M.Phil students, member/life members of many professional societies, visited – Japan, Hongkong, Singapore, Belgium etc; PI of major research projects funded by UGC, CSIR, ICAR, ICMR etc, delivered many invited lecture & held few administrative posts.



DR. RAMESH CHANDRA SINHA (b. 05-11-1941), M.Sc., Ph.D., former Professor and Head, Dept. of Zoology, Patna University, Patna and former Chairman, Bihar State Pollution Control Board, Patna, **Spl.- Scorpiology/Carcinology/Amphibia etc.**, produced 6 Ph.D. students. published more than 50 papers in journal of National/ International repute including Nature.



DR. RAJENDRA SINGH (b. 20-03-1956), M.Sc., Ph.D., Professor, Dept. of Zoology, DDU Gorakhpur University - 273009, **Spl. - Entomology**, produced 6 Ph.D students, published 80 research papers in journal of National and International repute, member/life member of many professional bodies.

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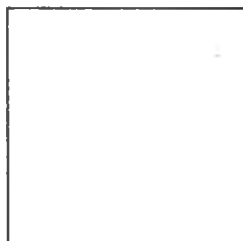
DR. R. K. TIWARI (b. 30-07-1949), M.Sc., Ph.D., Lecturer, Dept. of Zoology, K.N. Govt. (P.G.) College, Gyanpur - 221304 (U.P.) **Spl. - Entomology/Fish Endocrinology**, supervised 3 Ph.D students and published 32 research papers in standard journals.



DR. RABINDRA NATH CHATTERJEE (b. 29-04-1950), M.Sc., Ph.D., D.Sc., F.N.A.Sc., F.Z.S.I., Professor, Dept. of Zoology, University of Calcutta, Kolkata - 700 035, Tel. (R) 033-2442-4678; **Spl. - Cytogenetics**, published more than 80 original research papers in reputed National/International journals, recipient of Ackkari Silver Medal, S.P. Basu Memorial Medal, INSA Young Scientist Medal and UGC Career Award in Science (1985), editor of book "Genome Analysis in Eukaryotes" published by Narosa and Springer Verlag; participated/delivered invited lectures in National/International Seminars, visited – Holland, France, Japan and USA, Fellow of many academic bodies. **He was elected president - section Animal, Veterinary and Fisheries Sciences of Indian Science Congress (2003).**



DR. RANJEET KAUR, M.Phil, Ph.D., Lecturer Dept. of Zoology, SGN Khalsa College, Sri Ganganagar-335001 (Raj.) Tel. (O) 0154-2420369, (R) 2439932. **Prof. Exp.** Eight years experience in teaching graduate and PG courses. **Cur. Int.** Fish biology.



RAKESH KUMAR SINGH, M.Sc., D.F.Sc., Fishery Consultant & Proprietor, Techno, Aqua India, Aquavate, Aquacare PO stock assessment, fisheries research & management National and International Committees on marine Baradwar - 495687, Dist. Bilaspur (MP). Tel. 06189-33365. **Prof. Exp.** Shrimp farming and hatchery management, fish nutrition and diseases. **Cur. Int.** Marketing of fish feeds and distributorship of CIFACA, CIFAMA, CIFAPRA.



DR. R. MATHUR (b. 03-08-1941), M.Sc., Ph.D, former Professor and Head, School of Studies in Zoology, Dean, Faculty of Life Sciences, Ex. Co-ordinator, MPCST, Jiwaji University, Gwalior-474011, Tel. (R) 0751-2510847, *Email: rameshmathur@indiatimes.com*. **Spl. - Reproductive Physiology/Population Control/Toxicology**, supervised 45 Ph.D. and 13 M.Phil students; PI of 13 major research projects funded by different funding agencies; published over 180 research papers in standard National/International journals, published 15 books, attended 9 International Conferences. Member/Life member of many professional bodies, Editor of many journals, organised many seminars/refresher courses; attended/chaired many seminars/symposia.

BIOGRAPHY OF INDIAN ZOOLOGISTS



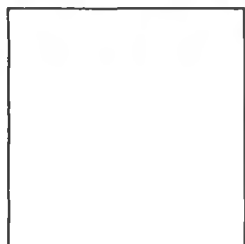
PROF. R. RAMAMURTHI. M.Sc., Ph.D., D.Sc., F.N.A., F.N.A.Sc., former Vice Chancellor, S.V. University, Tirupati; former Professor and Head, Dept. of Zoology, S.V. University, Tirupati-517502. Res. : 2-96/2, Seena Reddy Building, M.R. Malle, Tirupati 517502, Tel/Fax (R) 08574-228907; *Email: rammurthi@md3.vsnl.net.in*, former – Convener. UGC subject panel on Animal and Plant Sciences, Chairman, PAC on Animal Sciences, DST; Member DBT Task force on HRD. Member, TSCA council etc; **Spl. - Physiology/Toxicology/Environment**, published large number of research papers in standard journals, supervised large of M.Phil and Ph.D students, travelled widely in Foreign Countries, participated/chaired many National/International Seminars; organised many seminar, member/life member/fellow of many professional bodies, Editor of many journals, **elected president, section - Zoology, Entomology and Fisheries of Indian Science Congress (1991-1992)**. He is good orator; recipient of ZSI Gold Medal and many other medals.



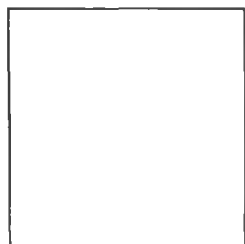
DR. RAJNESH KUMAR SHARMA (b. 31-03-1950), M.Sc., M.Phil. Ph.D., Lecturer, Dept. of Zoology, Kurukshetra University, Kurukshetra-132119 (Haryana), Res. : Ward No. 4, Hira Nagar, Jammu - 184142, **Spl. - Biochemistry/Developmental Biology/5** published 41 research papers, 16 abstract and 5 popular article; member/life member of many professional/scientific bodies; attended more than 15 symposia; PI of major research project funded by UGC; supervised 2 Ph.D and 3 M.Phil students.



DR. RAKESH KUMAR PANDE (b. 25-06-1951), M.Sc., Ph.D., Principal, D.B.S. (P.G.), College (P.O. Box 283), Dehradun - 248001, Tel/Fax (R) 0135-2655749, (O) 0135-2654757; permanent address :- Narharia Estate, Basti - 272002 (U.P.), Tel. No. - 05542-282655. **Spl. - Fish and Fisheries/Entomology/Environmental Biology**, Member/Life member/Fellow of many professional/academic bodies, attended many National/International Symposia, supervised 5 Ph.D students, published about 40 research papers in standard journals, visited – USA and USSR (Russia) and other countries.



PROF. R. P. SURENDRA KUMAR (b. 13-02-1941), M.Sc., Ph.D., former Professor and Head, Dept. of Zoology, S.K. University, Anantpur - 515003; **Spl. - Cell Biology/Reproductive Physiology/Cancer Biology/Biomedical Ultrasonic**, supervised 6 M.Phil and 8 Ph.D students; attended more than 20 seminars; published more than 20 research papers in standard journals; member/life member of many professional bodies, recipient of ZSI Gold Medal.



DR. R. C. SOBTI. M.Sc., Ph.D., F.N.A.Sc., F.Z.S., F.C.G.S., F.P.A.S., Professor and Head, Dept. of Biotechnology, Punjab University, Chandigarh - 160014, Tel (O) 1388-2534087, (R) 2541523, Fax : 2541409; *Email: resobti@pu.ac.in*. **Spl. - Molecular Biology/Genetic Engineering/Environment Carcinogenicity/Pollution Management**, supervised 35 Ph.D students, published more than 160 research papers in Journal of National/International repute, published 8 books and 9 volumes of Biotech Bulletin; did post doctorate in USA, UK and Germany. Member/life member of 16 professional bodies, attended/chaired many conferences in India and abroad

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(at USA, Germany, US, The Netherland etc; organised 7 training courses and 9 National Symposia in Biotechnology; recipient of 12 prestigious academic awards such as INSA Young Scientist, UGC Career Awards, President's Scout Awards etc; **elected - President of Section of Animal, Veterinary and Fisheries Sciences of Indian Science Congress (2003-2004)**; member in high powered committee of CSIR and Dept. of Biotechnology etc.



DR. RADHA CHARAN DAS (b. 10-05-1949), M.Sc., Ph.D., FZSI, FBRS, FNC, FSB, FISEP, Principal Scientist, Central Institute of Fisheries Education (Deemed University), 32 G.N. Block, Sector V. Slat Lake City, Kolkata - 700091 (West Bengal), Res. C-25, Rashmi Tower, Nageswar Tangi, Bhubaneswar-751002. Tel. (033) 23573893, 23575269 (O), (0674) 2432385(R), Fax : 23573469, Email: drccdus@hotmail.com, cife91@hotmail.com; **Spl. - Fish & Fishery Science**, Reproductive Endocrinology, Toxicology.



DR. RADHA KANT DEY (b. 30-06-1943), M.Sc., Ph.D., FZSI, FISEP, FBRS, Principal Scientist, Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar-751002 (Orissa); Res. VIM-175, Sailsri Vihar, Chandrasekherpur, Bhubaneswar-751021, Tel. (0674) 2465421, 2465446; Fax : 2465407(O), 2440818 (R); Email: cifa@ori.nic.in, cifa@hubl.nic; **Spl. - Freshwater Aquaculture (Breeding, Culture & Health Mangement)**



DR. (MRS.) RUMANA PERWEEN, M.Sc., B.Ed., Ph.D. Lecturer, Bokaro Steel City+2 School, Bokaro, Res. : C/o Mr. E. Haque, IC/154, Bokaro Steel City - 827001, Tel. (R) 06542-297296. **Spl. - Ichthyology/Toxicology/Fish Physiology**, published more than 15 research papers in standard journals, participated in many National Symposia/Conferences, Member/Life member/Fellow of many professional/academic bodies.



DR. RAJESH KUMAR SINHA (b. 17-01-1955), M.Sc., Ph.D., F.Z.S.I., Reader, Dept. of Zoology, Gaya College, Gaya - 823001, Res. : Professor's Colony, Red House Compound, Gaya-823001, Tel. (R) 0631-2435227, **Spl. - Ichthyology/Olfactory Physiology**; published more than 40 research papers in National/International journals, supervised 10 Ph.D. students, attended many National Seminars and Symposium; Member/Life member/fellow of many professional/academic bodies.

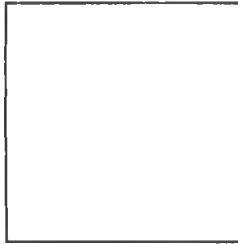


DR. (SMT.) RESHMA YASMIN, M.Sc., Ph.D., Lecturer, Dept. of Zoology, Gaya College, Gaya, Bihar, Res.: C/o A. Samad Khan, Haridas Chatterjee Lane, Gaya - 823001, Tel.(R) 0631-2421419. **Spl. - Fish Physiology**, published more than 8 research papers in standard journals, member of many scientific bodies, attended many seminars.

BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. SUBANA AYYAPPAN. (b. 10-12-1955), M.F.Sc., Ph.D., FNAAS, FAEB, FZSI, FZS, FNC, FSB, FBRS, FISEP; Deputy Director General (Fisheries), Indian Council of Agricultural Research, Krishi Anusandhan Bhawan II, Dr. K.S. Krishnan Marg, I.A.R.I. Campus, Pusa, New Delhi-110012, Res. : 302, NASC Complex, Dev Prakash Shastri Marg, Todapur (Near Dasaghara) I.A.R.I. Campus, Pusa, New Delhi-110012; Tel. (011) 25822738, Fax-25822955(O); 25851508(R), Email: ayyappans@icarl.delhi.nic.in, ayyapans@yahoo.co.uk: **Spl. - Freshwater Aquaculture, Aquatic Microbiology.**



PROF. S. V. GANAPATI, M.Sc., Ph.D., D.Sc., former Director, Fisheries (1945-1951), Madras Govt., graduated with Chemistry as his main subject, started his career as "water analyst at the waterworks by Madras Municipal Corporation, did his M.Sc. in 1933 and for reducing the content of H₂S in filtered water he was awarded Sir William Wedderburn Prize of the Madras Univ. in 1934. From 1936 onward he started studying lakes and reservoirs and submitted a monograph on limnology; during the tenure as Director Fisheries he published about 30 research papers pertaining to – spawning of fish in rivers, large scale fish mortality in ponds, aquatic manuring, bionomics of Indian major carps, fish fry transport, industrial pollution of man made lake etc. For these significant contribution he was awarded D.Sc. degree of Madras Univ. in 1956; published more than 100 research papers in journals of National/International repute, supervised 6 Ph.D students, he retired as Chief Water Analyst of MMC in 1955. He worked as –Visiting Professor in Sanitary Biochemistry (Madras Univ.), Chief Water Analyst at Delhi (DMC); First officer incharge, Delhi Zone Centre of NEERI, PI of two American PL-480 research proeject on low cost sewage purification; remained associated with UNESCO, UNEP and visiting professor of Limnology to the school of Biological Sciences at University of Bhopal.



DR. SAMPAD KUMAR SARKAR (b. 28-08-1947), M.Sc., Ph.D., FZSI, FSB, FISEP, FNC, Principal Scientist & Chief Training Organizer, Krishi Vigyan Kendra/Trainers' Training Centre, Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar-751002 (Orissa); Res. B-5, Plot No. 4/401, Snigdha Apartment, BJB Nagar, Bhubaneswar-751014; Tel. (0674) 2465421, 2465446, 2465355; Fax : 2465407(O), 2435747(R), Email: cifa@ori.nic.in: cifa@hubl.ni.in: **Spl. - Fish & Fishery Science, Reproductive Endocrinology, Aquaculture (Training & Extension).**



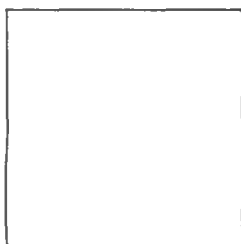
DR. SATYENDRA NATH MOHANTY (b. 16-02-1949), M.Sc., Ph.D., FZSI, FSB, FNC, FBRS, FISEP, Principal Scientist, Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar-751002 (Orissa); Res. A-4/21, Indira Gandhi Co-operative Housing Colony, Lingipur, P.O. Sisupalgarh, Bhubaneswar-751002; Tel. (0674) 2465421; 2465446, Fax : 2465407(O), 2340828(R); Email: cifa@ori.nic.in: cifa@hubl.nic: **Spl. - Fish & Fishery Science, Fish Feed Technology.**

BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. SANTOSH KUMAR (b. 09-10-1939) M.Sc., Ph.D., Vice Chancellor, Dr. H.S. Gaur University, Sagar-470003, M.P. Tel. (O) 07582-23796, (R) 07582-23199/23843, Fax : 07582-22163; former Vice Chancellor, Barkatullah University, Bhopal, former Dean, Faculty of Life Science and former Head, Dept. of Bioscience, Bhopal University, Res. : 20B-Zone II, Maharana Pratap Nagar, Bhopal. Tel. (R) 0755-553958, **Spl. - Physiology/Limnology/Toxicology**; published 60 research papers in National/International Journals, author of 2 books, produced over a dozen Ph.D students, visited – New York, USA, UK, Germany and Austria, recipient of ZSI Gold Medal.

Member/Life member of many professional bodies. **He was elected President - Section Zoology, Entomology and Fisheries of the Indian Science Congress (2000). Significant Contribution** - structure, development and innervation of conducting system of heart of fishes and Amphibians; attended/chaired many seminars/symposia.



DR. (SMT.) SHASHIKALA D. BELSARE (b. 22-02-1945), M.Sc., Ph.D., Professor of Biochemistry, Head of the Dept. of Biosciences, Dean, Faculty of Science, Barkatullah University, Hoshangabad Road, Bhopal - 462026(M.P.) Tel. (O) 91-0755-2587153; Res. (PI refer Dr. D.K. Belsare), Tel. No. (R) 91-0755-2424538, *Email: sdbelsare@email.com*. **Spl. - Biochemistry/Molecular Biology**; published 40 research papers, produced 7 Ph.D students, received ZSI Gold Medal/many honours/awards/fellowship of many professional bodies, organised many seminars; PI of many major research projects, life members of several academic bodies, visited –

USA, Germany, Poland, Hungary, Czechoslovakia, participated in many National/International Conferences, did extension/community service; as Dean faculty of Life Science, she did laudable work.



DR. SYED EHTESHAMUDDIN (b. 08-08-1947), M.Sc., Ph.D., Professor and Head, Dept. of Zoology, B.R.A. Bihar University, Muzaffarpur, Bihar, Tel. No. (O) 0621-2242518, Res. - Tin Kothia, Jail Road, Muzaffarpur - 842001, Tel. (R) 0621-2288487, *Email: sehteshamuddin@hotmail.com*, **Spl. - Entomology/Toxicology/Biochemistry/Endocrinology/Systematics**; published 50 research papers in reputed journals, produced 20 Ph.D students, attended many seminars/symposia; organised refresher course, member of many professional bodies.



DR. SUNIL KUMAR SINGH (b. 24-10-1955), M.Sc., Ph.D., F.Z.S.I. Reader, Dept. of Zoology, Magadh University, Bodh Gaya - 824234, Tel. (R) 0631-2200267, **Spl. - Entomology**, published 27 research papers, produced 3 Ph.D students, attended many seminars, member/life member of many professional bodies.



DR. S. P. SINGH (b. 20-01-1941), M.Sc., Ph.D., F.A.Z., F.Z.S.I., former Professor, Dept. of Zoology, Magadh University, Bodh Gaya 824234. **Spl. - Ichthyology**, published 125 research papers in National/International journals; produced 12 Ph.D students, fellow/life members of a number of scientific bodies, visited – Israel, France, UK, Switzerland, Norway, recipient of ZSI Gold Medal, attended many seminars and made significant contribution of olfactory organs of fishes.

BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. SUBHASH CHANDRA PATHAK (b 20-08-1943), M.Sc., Ph.D. former Chief General Manager, Nabard, Mumbai, India, Tel. (R) 26615765, Res. : "Shanti Niwas", 29/B-I, Hastings Road, Opposite Circuit House, Allahabad 211001 (U.P.) Tel. No. 0532-2624486, Mobile No: 9820009472. **Spl. - Fish and Fisheries/Aquaculture**, published more than 78 research papers, bulletins, popular articles and manuals, recipient of Rafi Ahmad Kidwai Award of ICAR (1974-76), Prof. H.P.C. Shetty Award (1993-94), AFSIB awards and many others, held many administrative posts, widely travelled abroad such as Thailand, Rome, Indonesia, China, Phillipines, Tokyo; he remained associated with F.A.O. ADB/NACA in many capacities as consultant, specialist and co-ordinator, attended/chaired many National/International Seminars; he is Executive Council Member of AFS. Dr. Pathaks Contribution in research, development and innovative technologies is well recognised at National and International Levels.



DR. S. R. RAMESH (b. 22-03-1954). M.Sc., Ph.D., Professor Dept. of Studies in Zoology, University of Mysore, Manasagangotri, Mysore - 570006. Res : 696, Vinaya Marg, 10th Cross, Siddhartha Nagar II Stage, Mysore - 570 011, India. Tel. (R) 0821-472218. *Email: srramesh2000@yahoo.com; srramesh54@rediffmail.com.* **Spl. - Cytogenetics/Genetics**, published 21 research papers, 21 abstracts and many research report (DIS, USA) in National/International journals, produced 3 Ph.D students, PI of many major research projects funded by UGC, Dept. of Biotechnology and DST etc, recipient of many awards and member of many Scientific bodies, visited Germany and other countries, wrote books./manuals, attended many seminars, invited to deliver lectures during refresher course/summer institute. He is a devoted research worker.



PROF. SHASHIDHAR SINGH (b. 09-01-1933), M.Sc., Ph.D, F.A.Z., former Professor, Dept. of Zoology, Patna University, Patna - 800 005, Res. : Road No. 13B, Rajendra Nagar, Patna-16, 800 016, Tel. (R) 0612-2663654. **Spl. - Ichthyology/Entomology**, produced 8 Ph.D students, published more than 12 research paper, published 3 books, life member/member of many professional bodies.

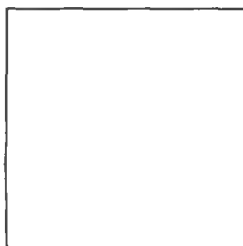


DR. (SMT.) SHAMIM AKHTER CHOUDHARY (b. 02-05-1969), M.Sc., Ph.D., F.A.Sc., F.S.E.Sc., F.S.Sc: F.Z.S.I., F.S.E.M., F.S.B., F.S.E.E.M., teacher in +2 college. Res: C/o Shyamlal, Shop No. 3, Sector A (Block-D), Green Park Belt, Gandhi Nagar, Jammu. Tel. No. 0191-438264. **Spl. - Cytogenetics**; published 15 research papers, communicated another 12 papers; published one book, fellow of many professional bodies, attended many seminar. She is devoted research worker.



SMT. SIVASHANTHINI KUGANATHAN (b. 26-09-1967), M.Sc., CAS in Marine Biology, Annamalai University, Parangipettai-608502, Tamil Nadu, India, Lectuer in Zoology, Univ. of Jafna, Sri Lanka, Res. : 69, Manickavasahar Street, Trincomalex, Sri Landa. **Spl. - Fish and Fisheries**, published 7 research articles, got some award and fellowship.

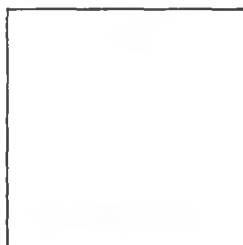
BIOGRAPHY OF INDIAN ZOOLOGISTS



PROF. S. M. DAS, (b. Sept. 1909) M.Sc., D.Sc., F.N.A.Sc., F.Z.S. (London), F.A.Z., former Professor and Head, Dept. of Zoology and Dean; faculty of Science University of Kashmir, Srinagar, Kashmir, **Spl. - Fish & Fishery/Limnology/Protozoology/Mammology/Ecology**, produced 40 Ph.D. students, published over 200 research papers in Journals of National/International repute including Nature and "New Scientists", wrote 10 book including famous monographs on monascidian, *Herdmania* and *Funambulus* (Indian Palm Squirrel); recipient of Dr. S. L. Hora Gold Medal, National Academy of Science Medal and U.P. Govt. Gold medal for his outstanding work in Limnology/Fish ecology; founder of Science Journal "Kashmir Science and Ichthyologica"; fellow/life member of a number of scientific body in India and abroad. His contribution as a whole won him a distinguished place in the subject of zoology in the country and Prof. Das was a born genius who inspired others.



DR. SISHIR KUMAR VERMA (b. 03-02-1958), M.Sc., Ph.D., F.Z.S.I., Reader, Dept. of Zoology, L.N. Mithila University, Darbhanga 846004, Fax No. 06272-222598. Res. : 2 Lake View, K.M. Tank, Laheriasarai - 846001, Darbhanga. Tel. No. : 06272-233910/222276. **Spl. - Ichthyology/Mycotoxycology**, published 24 research papers, supervised 2 Ph.D students, author of one book, member/life member of a number of Professional/Academic bodies; PI of few major research projects funded by ICAR, has made significant research contribution, attended many seminars/symposia. He is actively engaged in research.



DR. S. M. AGRAWAL (b. 02-07-1930), M.Sc., Ph.D, former Professor, Dept. of Biosciences, Ravishankar University, Raipur (M.P.), 492010, **Spl. - Helminth Parasitology**, produced 20 Ph.D students and published 100 research papers in National/International Journals.



DR. SURESH CHANDRA GOEL (b. 21-02-1936), M.Sc., Ph.D., former Head, Dept. of Zoology, Sanatan Dharm College, Muzafarnagar 251001. **Spl. - Entomology**, published 80 research papers in standard journals, produced 10 Ph.D students, member/life member of a number of academic bodies.



DR. S. PALANICHAMY (b. 15-01-1939), M.Sc., Ph.D., former Professor and Head, P.G. Dept. of Zoology, A.P.A. College of Arts and Culture, Palani - 624602 (Tamil Nadu). **Spl. - Ichthyology**, produced 2 Ph.D. students and published 65 research papers in standard journals.

BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. SIDDARTH. K. PATEL (b. 08-01-1946), M.Sc., Ph.D., FZSI, lecturer, Dept. of life sciences, Bhavnagar, University, Bhavnagar 364002 (Gujarat), **Spl. - Working on Spider/Toxicology**, published about 20 research papers in standard journals, supervised – 2 Ph.D students, actively engaged in research.



DR. (MRS.) SUMITA BAJPAI (DATTA), (b. 17-02-1954), M.Sc., Ph.D., F.Z.S., Lecturer, Dept. of Zoology, Raja Peary Mohan College, Uttarpara, 712258, Hooghly, **Spl. - Cytogenetics/Environmental Biology**, published more than 15 research papers in standard journals.



DR. S. K. GUPTA (b. 25-04-1950), M.Sc., D.Phil, Lecturer, Dept. of Zoology, Pt. J.N. College, Banda (U.P.) **Spl. - Ichthyology**, published 21 research papers in standard journals, wrote one book,



S. VAHID ZAER, B.F.Sc., M.Sc. (FM), Research Fellow, Fishery survey of India, Botawala Chambers, Sir P.M.Road, Mumbai-400 001. Tel.(R)022-26333402, Email:v-zaer@usa.net. **Prof. Exp.** worked at Kanada Farm. Malwan for 2 years, at Sonia Fisheries, Panvel as Fish Technologist for 2 years. Presently working on marine fisheries resources, **Cur. Int.** research in capture fisheries, sex reversal and cryopreservation of gametes.



DR. SANDEEP AKARE, M.V.Sc., Ph.D., (Animal Biotechnology), Scientist, Central Institute of Fisheries Education, Versova, Mumbai 400 061. Tel. 26361446/7/8, (O) 26359123(R), **Prof. Exp.** One year experience in research and teaching in the area of fish genetics and biotechnology. **Curr. Int.** Genetic characterization and expression of antigenic genes.



DR. S. DAMROY, B.F.Sc., M.F.Sc., Ph.D., S. Scientist, Central Agricultural Research Institute for Andaman & Nicobar Group of Islands, Port Blair - 744101. Tel. (O) 031920-50436, Fax: 3330, **Prof. Exp.** Worked as Fishery Officer in Arunachal Pradesh for 5 years, as a Scientist 10 years at CARI, Port Blair. Worked as Director Fisheries, Andaman & Nicobar Group of Islands for about 2 years. Won ICAR Team award for the year 1994-96. **Cur. Int.** Brackishwater aquaculture, particularly mudcrab, seabass, mullets and mangrove ecology.

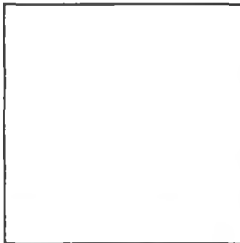
BIOGRAPHY OF INDIAN ZOOLOGISTS



DR. SARVESH MATHUR, M.Sc., Ph.D., Sr. Technical Asstt., Dept. of Limnology & Fisheries, University New Campus, Udaipur-313001 (Rajasthan), Tel. 2412517(O), 2420503 (R) **Prof. Exp.** More than 20 years experience in research and extension in fisheries. **Cur. Int.** Culture and breeding of ornamental fishes.



DR. S. N. MOHANTY, Ph.D., Principal Scientist, CIFA, Bhubaneswar-751002 (Orissa), Tel. (O) 0674-2465421, (R) 2433828, Fax : 465407, *email: satyendra-mohanty@yahoo.com*. **Prof. Exp.** More than 30 years experience in the field of fish nutrition research and aquaculture. Developed commercial diets for carps. Worked on common amino acid requirement of Indian major Carps. Awarded fellowships of various Societies. Project evaluator cum facilitator for Council of People Action & Rural Technology, Govt. of India. Won ICAR Team Award for 1998. Guided MFSc & Ph.D. students. Published more than 70 papers/abstracts/book chapters. Visited INRA, France three time as Visiting Scientist, Attended International workshop on fish nutrition at Bangkok in 1988. **Curr. Int.** Fish Nutrition.



DR. S. S. KHANNA (b. 30-06-1930), M.Sc., Ph.D., former Principal, K.N.Govt. College, Gyanpur (Varanasi), former Joint Secretary, Govt. of Uttar Pradesh and former Director of Higher Education. U.P. Govt., Res.: 1616/899, Kalyani Devi, Allahabad-211003, **Spl.-Ichthyology**, published more than 90 research papers in journal of National/International repute. supervised more than a dozen Ph.D students, wrote many books. recipients of many awards/honours/fellowships. He is still very active.



DR. SHIVESH PRATAP SINGH, M.Sc., Ph.D., D.Sc., Assistant Professor and Head, P.G. Dept. of Zoology, Govt. Autonomous (P.G.) College, Satna - 485001, M.P. Tel. No. (R) 07672-226260. **Spl. - Fish Biology/Limnology/Primate Behaviour**, published 25 research papers in reputed journals. supervised 8 Ph.D. students, wrote/edited 3 books: PI of UGC sponsored major research project. attended many seminars, organized few seminars, member/life member of many professional bodies, recipient of ZSI Gold Medals.



DR. SUBHASH CHANDRA SINGH, M.Sc., Ph.D., FZSI, Professor and Head, Dept. of Zoology, A.N.S. College, Barh, Patna, Tel. No. (R) 06132-243176. **Spl. - Entomology**, supervised 6 Ph.D students, published about 20 research papers in standard journals, PI of 3 research projects funded by UGC, attended many seminars, member/life member of many professional bodies, actively engaged in research.

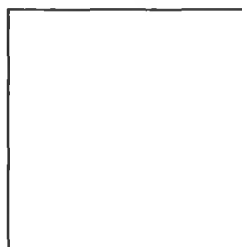
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DR. STHIRA SHAH (b. 01-02-1963), M.Sc., Ph.D., F.Z.S.I., Dept. of Life Sciences, Bhavnagar University, Bhavnagar - 364002, Res.: Plot No. 289/450, Opp. Babu's Wadi Sagwadi, Bhavnagar 364002 (Gujarat). Tel. No. (R) 0278-2572858. **Spl. - Taxonomy/Biochemistry/Morphology/Histology of Spiders**, published 12 research papers in standard journals; attended 8 Conferences/Symposia, actively engaged in teaching & research.



DR. SIDDHARTH K. PATEL, M.Sc., Ph.D., FZSI, Professor, Dept. of Life Sciences, Bhavnagar University, Bhavnagar-364002. Res. : 170/450, "Kirti", Sagwadi. Nr. Agrawal Bhavan, Kaliabad, Bhavnagar-364002 Gujrat. Tel. No. 0278-2568700, Email:skpatel2U@sify.com. **Spl.-Arachnology/Ecology/Conservation Biology**, supervised 9 Ph.D students, published 33 research papers in standard journals, attended./chaired more than 24 conferences.PI of DOD major research projects.



DR. SURESH C. JOSHI (b. 27-05-1956), M.Sc., Ph.D., Post DOC (Finland), F.Z.S.I., FAScAW. Dept. of Zoology (At present - Director UGC Academic Staff College), University of Rajasthan, Raipur-302004. Tel. (O) 0141-2711158; Res. : "Ratna-Deep", 170, Vishwakarma Nagar-I, Maharani Farm, Durgapura, Jaipur - 302018. Tel. (R) 0141-2762525; Fax : 91-141-2740141, Email:s_cjoshi2003@rediffmail.com. scjoshi02@rediffmail.com, **Spl. - Reproductive Toxicology/Reproductive Biology**, published more than 48 research papers in Journals of International repute and contributed chapters in books, produced 4 Ph.D and supervising another 8 students

for their Ph.D degree, visited – Finland, USA, The Netherland, Australia and Sweden to deliver lecture, life member/member/fellow of various academic/scientific bodies, recipients of many awards including scientists of the year award by NESAI, PI of many research projects, authored 5 and edited two books. His research has received International recognition.



PROF. SHAMIR BHATTACHARYA, M.Sc., Ph.D., F.N.A., F.N.A.Sc., FASc, Professor, Dept. of Zoology, Vishwa Bharati University, Santiniketan - 731235, West Bengal (at present - Director, Indian Institute of Chemical Biology IICB; 4, Raja S.C.Mullick Road, Kolkata-700032) Tel. (R) 033-24624185/24626843; **Spl. - Comparative Endocrinology**, recipient of senior fulbright award twice and worked in university of Washington, Seattle, USA (in 1975 & in 1983), published more than 95 research papers in International and National Journals; produced large number of Ph.D students. Elected fellow of – Indian Nation Science Academy (FNA), National Academy of Sciences (FNASc.), Indian Academy of Sciences (FASc) and elected President of Asia and Oceanic-Society for comparative Endocrinology (2000-2004); member of Editorial board of many reputed International journals; recipient of many honours and awards such as – M.R.N. Prasad Memorial lecture award, Megnadsaha Endowment memorial lecture award, Rafi Ahmad Kidwai Award, J.G. Law Gold Medal from the Asiatic Society, India etc, besides Task Force member of DBI, Expert member of UGC,

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MAC of DST; Attended/Chaired many International and National Congress in Indian Universities and abroad; member/life member of many professional bodies.



DR. SEEMA VERMA (b. 07-09-1959), M.Sc., Ph.D., F.Z.S.I., Lecturer, Dept. of Zoology, J.J. College, Gaya, Tel. (R) 0631-2450029, **Spl. - Fish and Fisheries/Entomology**, published 2 research papers, member/life member of many professional/academic bodies, attended/participated in many seminars.



PROF. SHYAM BIHARI SINGH (b. 30-08-1932), M.Sc., Ph.D., (Wales), F.Z.S.I., F.R.E.S. (Lond) F.Z.S. (Lond) F.N.A.Sc., former Professor and Head, Dept. of Zoology, Magadh University, Bodh Gaya - 824234; **Spl. - Entomology/Ecology/Ichthyology**, published more than 130 research papers in National/International Journals; supervised more than 21 Ph.D students, visited – U.K., France, Germany, Switzerland, Italy, Denmark, Holland, Egypt and Aden; member/life member/fellow of many professional/academic bodies; participated/chaired many National/International Symposia/Conferences; **elected President – Section Zoology, Entomology and Fisheries of Indian Science Congress (71st Session, 1983-84).**



DR. SEKHARAPILLAI PREMJIITH (b. 1957), M.Sc., Ph.D., Reader, Dept. of Zoology, St. Jude's College, Thoothoor - 629176, Tamil Nadu. Res. : "Lekshmi Vilas", TC 10/1148, Vattiyoorakava, Trivandrum-13, Kerala, Tel. (R) 04651-86022/0471-360359. **Spl. - Marine Biology/Ichthyology/Aquaculture/Microbiology**, published more than 25 research papers in National/International Seminars, supervising many M.Phil and Ph.D students. Member/Life member/fellow of many professional/Academic bodies; attended many National/International seminars.



DR. SURESH V. S. RANA, M.Sc., Ph.D, F.Z.S.I., Professor and Head, Dept. of Zoology, and co-ordinator, Dept. of Environmental Sciences, Ch. Charan Singh University, Meerut, U.P. Tel. (0121) - 2774569 (O)/2761190 (R), Email:sureshvs_rana@yahoo.com, **Spl. - Environmental Toxicology/Biochemical Toxicology/Free Radical Biology/Public Health**; supervised 20 Ph.D and 75 M.Phil students; published 150 research papers in International/National Journals; PI of many major research projects funded by CSIR, ICAR, DST, AICTE and UPCST; member/life member/fellow of many professional/scientific bodies; Editor/member editorial board of many reputed journals; recipient of many honours/awards/Gold medals including Zahoor Qasim Gold Medal, Visited - Japan, Netherlands, Germany and USA; edited six books; enjoyed many administrative post in univeristy, participated/chaired many seminars.



DR. S. P. ROY, M.Sc., Ph.D., F.Z.S.I., Professor, Dept. of Zoology, T.M.Bhagalpur University, Bhagalpur - 812007; Tel. No. 0641-2402069(R), **Spl. - Entomology**, supervised many Ph.D students, published many research papers in National/International journals, organised one National seminar, attended many National seminars, member/life member/fellow of many scientific bodies.

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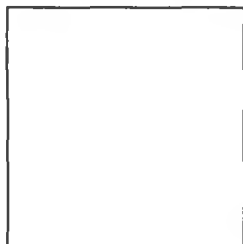
DR. TUSHARENDU ROY, M.Sc., Ph.D., D.Sc., F.A.E.B., F.Z.S.I., Scientist-B, Zoological Survey of India, 27, Jawaharlal Nehru Road, Kolkata, 700 016. Res. : 5/7C, Tarini Charan Ghosh Lane, Kolkata 700 002, Tel. (R) 033-25568545, **Spl. - Fish and Fisheries/Taxonomy/Faunal diversity/Crustacean diversity**, published 16 research papers. Ph.D supervisor, participated in many National/International Seminars, team leader of many faunistic field explorations in India, member/fellow of many professional bodies, recipient of Dr. B. S. Chauhan Gold Medal (ZSI). He is a devoted worker.



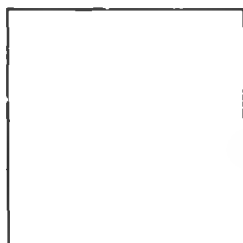
SRI TAPAN KUMAR SINGH (b. 04-07-1947), M.Sc., F.Z.S.I., Reader Dept. of Zoology, Magadh University, Bodh Gaya - 824234; Tel. (R) 0631-2200563; published 20 research papers in Journal of National/International repute, attended many seminars; member of many academic bodies. He was Inspector of Colleges (Science's) Magadh University and former President, M.U. (P.G.) Teachers Association. **Spl. - Fish and Fisheries/Entomology.**



DR. T. V. SATHE (b. 27-12-1953), M.Sc., Ph.D., Sr. Lecturer, Dept. of Zoology, Shivaji University, Kolhapur - 416004 (MS). **Spl. - Entomology**, published 61 research papers in standard journals, produced 5 Ph.D students, PI of many major research projects funded by C.S.I.R., DST and UGC. He is actively engaged in research.



DR. T. A. QURESHI, M.Sc., Ph.D., Prof. & Head, Dept. of Applied Aquaculture, Barkatullah University, Bhopal - 462026 (M.P.), Tel. (0755) 2584287(O), 2541474(R). **Prof. Exp.** 35 years of teaching and research in the field of applied fisheries and aquaculture. Worked for 4 years with Govt. of Iraq for teaching and training in fish health and production. Joined Barkatullah University as Professor in 1986 and established a new Department of Applied Aquaculture. Published more than 80 papers and authored a book for P.G. students. **Curr. Int.** Aquaculture and fish health management.



DR. TWISHA LAHIRI (b. 07-08-1947), M.Sc., Ph.D., Assistant Director and Head of the Dept. of Neuroendocrinology Chittaranjan National Cancer Institute, Kolkata. **Spl. - Stress and Malignancy**, published 60 scientific papers in reputed National/International journals, member of various learned bodies, attended/chaired many International and National Symposia.

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MR. T.S.N. MURTHY, M.Sc., former Deputy Director, Zoological survey of India, Kolkata, Res: H20/E Tiruvanmiyar, Chennai 600014, Tamil Nadu, **Spl. - Herpatology/Amphibians**; published more than 90 research papers (relating to Amphibia Crocodiles, Turtles, Lizzards, Snakes etc) in standard journals, wrote 2 books and 15 popular articles; compiling his entire work for the award of Ph.D. degree.



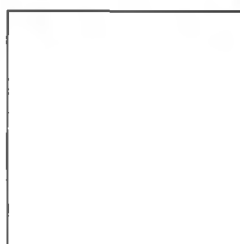
MS. TUMUL SINGH (b. 01-05-1972), M.Sc., Lecturer, Dept. of Zoology, Udai Pratap (P.G.) College, Varanasi - 221002, Mobile No. - 9415287088, published 4 research papers, **Spl. - Entomology**.



PROF. UMA SHANKA SRIVASTAVA (b. 1924), M.Sc., M.Ed., D.Phil, F.N.A.Sc, F.N.A., FZSI, former Professor and Head, Dept. of Zoology and Dean, Faculty of Sciences both of B.R.A. Bihar University, Muzaffarpur (1963-1969) Bihar and Allahabd University (from 1969-1984), Allahabad, U.P. Res: 100B, C.S.P. Singh Marg (Near Dr. Telhiani's House), Ashoknagar, Allahabad-211001, U.P., Tel. (R) 0532-2622151, **Spl. - Entomology/Hydrobiology**, supervised 50 Ph.D. students, published more than 100 research papers in journals of National and International repute some even in Nature and similar standard journals, wrote some text books and popular articles, edited several prestigious books, PI of many major research projects funded by CSIR, UGC, DOEn etc. Editor of many journals, member/life member/fellow of many professional/scientific bodies, President/Vice President of several scientific bodies, recipient of several honours/awards/Gold Medals including Sir J.C. Bose Award, ZSI Gold Medals etc; visiting Scientists at Imerial College, London (1957-58), North Western University, Evanston, III, USA, widely travelled abroad, remained associated with Shila Dhar Institue of Allahabad Univ. and National Academy of Sciences in various capacitites, **elected president section - Zoology, Entomology and Fisheries of Indian Science Congress (1975-1976)**. He was actively involved in science popularisation and science communication activities.



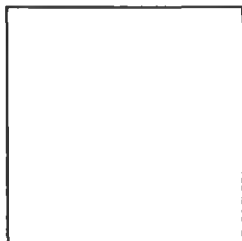
DR. (SMT.) USHA AWASTHI, M.Sc., Ph.D., F.Z.S.I., Professor, Dept. of Zoology, Govt. Girls P.G. College, Rewa (M.P.) Tel. (O) 07662-252109, Res.: E/26A, College Chowk, Rewa (M.P.) Tel. (R) 07662-242829, **Spl. - Cytology/Limnology/Biodiversity**; published 27 research papers in National/International Journals, produced seven Ph.D students, awarded ZSI Gold Medal, attended/organised many seminars/symposia, life membes of a number of scientific bodies.



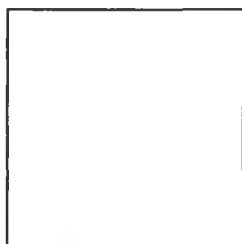
DR. UMESH C. GOSWAMI (b. 01-02-1950), M.Sc., Ph.D., F.Z.S.I., Professor and Head, Dept. of Zoology, Gauhati University, Guwahati - 781014, Assam, Tel. (R) 0361-2660943, Fax:0361-2570133, *Email:umeshgoswami@usa.net*, **Spl. - Fish and Fisheries/Biochemistry**, visited – Poland, Australia, West Germany, Czechoslovakia, USA, Norway, Norway PI of many major research projects funded by UGC, DST, DAE, ICAR, recipient of Dr. Biraj Mohan Das Memorial Award, ZSI Gold Medal etc, convenor of different National/International forum, participated/chaired in a number of National/International Conferences, supervised more than

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12 Ph.D students, editor of few journals, published more than 50 research papers in Journals of National/International repute, **Significant Contribution**, Vit. A and Carotenoids metabolism in freshwater fish, evaluation of retinoids status etc.



DR. UMA SHANKAR GUPTA (b. 11-06-1952), M.Sc., Ph.D., F.Z.S.I., Professor, Dept. of Zoology, Dr. H.S. Gaur University, Sagar (M.P.), Tel. (R) 07582-227056, **Spl.- Insect Physiology/Bio-chemistry/Environmental Biology**, fellow/member/life member of many professional/academic bodies, supervised 5 Ph.D and one M.Phil students, PI of major research projects funded by UGC, MAPCOST, Bhopal, published 50 research articles in National/International Journals, author of 2 books; visited – Germany. He is devoted research worker.



DR. UMESH CHANDRA (b. 14-01-1948), M.Sc., Ph.D., Reader and Head, Dept. of Zoology, J.N. College, Madhubani - 847211, **Spl. - Parasitology**, published 3 research papers.



DR. (MRS.) USHA MOZA, M.Sc., Ph.D., Principal Scientist, Central Inland Capture Fisheries Research Centre, Karnal, 9E Session Marg, Karnal 132001, Haryana. Tel. (0184) 273385(O), 281890(R), **Prof. Exp.** 24 years experience in fisheries research and development. Worked on coldwater fish culture, environmental impact assessment of inland open water system especially stress response in aquatic ecosystem and their effect on fish health. Published 25 research papers. Visited Australia for 6 month training. **Cur. Int.** EIA, Aquatic toxicology.



DR. UMA PATI SAHAY (b. 08-11-1939), M.Sc., Ph.D., F.S.H., F.A.S.Z., F.Z.S.I., former Professor and Head, Dept. of Zoology and Dean Faculty of Sciences, Ranchi University, Ranchi 834008, Res. - Jayprakash Nagar, Opp. Water Tower, Booty Road, Ranchi 834009. Tel. (R) 0651-2540133, **Spl. - Parasitology**, published about 100 research papers in standard journals, wrote 2 books, supervised 16 Ph.D. students, recipient of several Gold Medals from ZSI, member/life member of several professional bodies; attended/chaired many conferences.



DR. VISHWA NATH (b. 09-07-1897), M.Sc., Ph.D., Sc.D., F.N.I. was the youngest of the three brothers and a favourite of his father, graduated from Govt. College at Lahore (Now in Pakistan), Joined as professor of Zoology at the Mohindra College, Patiala in 1920, Joined Trinity Hall at Cambridge in 1923 and Completed his thesis entitled "Cytology of the reproductive organs of Scorpions and mosquitoes" and obtained Ph.D of the university of cambridge on June 16, 1925. In 1927 he was selected as a lecturer at Govt. College Lahore; wrote his first famous book - **Zoology for Intermediate Students** (1936); published a large number of papers, the most prominent of these being "**The spermatid and the**

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sperm of the crab, *Paratelphusa spinigera*", which appeared in the quarterly journal of microscopical science in 1932 and other appeared in "Journal of Morphology" in 1937; elected a fellow of the then National Institute of Sciences in India (now INSA), wrote a monograph on the "**The Decapod sperm**", appointed professor of Zoology at Govt. College, Lahore (1942); **elected President of Zoology Section of Indian Science Congress (1944)** and delivered Presidential lecture on "The Golgi Apparatus", awarded Sc.D degree of the university of Cambridge in 1959; recipient of Joy Govinda Law Memorial Gold Medal by the Asiatic Society Calcutta for outstanding research in Zoology; appointed Emeritus Scientist of C.S.I.R.; worked as Director of the Punjab Univ. Zoological Laboratories at Lahore, Principal both at Govt. College, Dharamshala (H.P) and Govt. College, Hoshiarpur, (on 1st March 1948). After his retirement in 1952, he joined the Punjab University as Professor of Zoology, started publication of Research Bulletin (Science) of Punjab University, after his retirement, he again worked as Professor and Head, Dept. of Zoology, Jodhpur Univ., for some times he was also the Dean of the faculty of science in Punjab Univ; published "A text book of Zoology" for B.Sc students in 1964, monographs on – Animal gamete (male) in 1964, Animal gamete (female) in 1968, cell biology in 1970 highlighting the cell inclusions such as mitochondria, Golgi, Centrioles, Chromatic body etc. He collapsed due to heart attack on 19 December, 1976 (Material received from Prof. G.P.Sharma).



DR. VIJAY KUMAR (b. 07-11-1954), M.Sc., Ph.D., Research Scientist, Virology group, I.C.G.E.B., Post Box - 10504, Aruna Asaf Ali Marg, New Delhi - 110067, Res. : E-14, Ansari Nagar, New Delhi - 110029. Tel. (R) (+91-11) 26854317, **Spl. - Steroid hormone receptor/Gene assembly, cloning expression/molecular biology of Hepatitis B Virus**; published 30 research papers in most reputed International journals, wrote 12 book chapters and many abstracts, worked under Indo-French Exchange programme at university of Louis Pasteur, Institut de Chimie Biologique, strasbourg, France, recipient of **Shanti Swaroop Bhatnagar Prize - 1997 (Medical Science)**, Kul Prize, ZSI Gold Medal etc. for his outstanding research.



PROF. VINODKAND CHUNILAL SHAH, M.Sc., M.S. (USA), Ph.D., D.Sc.(USA), F.N.A., F.N.A.Sc, former Vice Chancellor both of Bhavnagar University, Bhavnagar and M.S. University, Baroda, former Head of the Dept. of Zoology, Director of School of Sciences, Dean of Faculty of Sciences and Emeritus Professor of Zoology, Gujrat University, Ahmadabad. Res.: 368, Saraswati Nagar, Near Azad Society, Ahmedabad - 380015, Tel. (R) 079-26746171. **Spl. - Cell Biology/Cytogenetics/Human Genetics**, guided 28 Ph.D students, published over 180 research papers in Indian and Foreign Journals of repute; authored several books and monographs, travelled widely to over 50 countries of the world; **Elected President, Section - Zoology, Entomology & Fisheries of Indian Science Congress (1989-1990)**, recipient of several awards including Hari Om Mota Award, Vikram Sarabhai Award for Science, awarded fulbright fellowship (U.S.A.)/British Council and CSIRO fellowship etc; visiting Professor/Scientists at several universities in Indian/abroad, PI of several major research projects funded by UGC, DST, CSIR etc; National Lecturer (UGC), attended/chaired many seminars/symposia; held many administrative held in reputed educational institute/scientific bodies. He is eminent scientist of International stature, we should be proud of him.

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DR. VIVEKANAND BANERJEE (b. 09-05-1933), M.Sc., Ph.D., F.Z.S.I., F.I.A.E.S., former Professor, Deptt. of Zoology, Patna University, Patna, Tel. No. (R) 0612-2672711. **Spl. - Animal Haematology**, supervised 25 Ph.D students, published 135 research articles in National/International Journals, author of many books, PI of many major research projects funded by U.G.C., fellow/life members of many professional/academic bodies; participated/chaired in many seminar, organized one seminar. **He was elected president section - Zoology, Entomology & Fisheries of Indian Science Congress (1993-1994).**



DR. V.M.S. SRIVASTAVA (b. 17-01-1939), M.Sc., Ph.D., former Reader, Dept. of Zoology, K.N.Govt (P.G.) College, Gyanpur - 221304, Varanasi (U.P.) **Spl. - Fish and Fisheries**, published 43 research papers in standard journals, produced 15 Ph.D students. He is devoted research worker.



DR. V. S. SOMVANSHI, Ph.D., Director General, Fishery Survey of India, Botawala Chambers, Sir P.M. Road, Mumbai - 400001. Tel. (O) 011-2617101, (R) 23627027, Fax : 2702270, *Email-fish@bom.nic.in*. **Prof. Exp.** More than 24 years experience in survey of marine fisheries resources in east and west coasts and Indian ocean. Acted as Vice-President Scientific Committee on Indian Ocean Tuna Commission, Seychelles, Member of various fisheries. Published 76 research papers. **Cur. Int.** Fish.



DR. V. P. SAINI, Ph.D., CES Asstt. Prof. Department of Limnology & Fisheries, University New Campus, Udaipur-313001 (Raj.) Tel. (O) 0294-2412517, (R) 2488891, *Email:sainivp@yahoo.com*. **Prof. Exp.** Seven years experience in teaching and research in the field of fisheries. Developed two bottom water samplers and one field kit for microbiological analysis of water. Published more than 30 papers. **Cur. Itn.** Carp breeding and production of live feed.



DR. VED PRAKASH AGRAWAL, M.Sc., Ph.D., former Principal, D.A.V. College, Muzaffarnagar, U.P., **Spl. - Digestive Physiology/Toxicology/Biochemistry/Histochemistry/Fish Morphology**, supervised more than 50 Ph.D students, published more than 200 research papers in reputed journals; recipient of many honours/awards/Gold Medal including Dr. B. C. Guha memorial gold medal; participated/chaired many seminars, member/life member/fellow of many academic bodies; did collaborative work with late Professor Norman H. Dill (U.S.A.), Editor of few journals. Edited many books. Dr. Agrawal is unforgettable and will be remembered by Zoologists of this country for his significant contribution.

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DR. W. S. LAKRA, M.Sc., Ph.D., Principal Scientist and Head, Fish Genetics and Biotechnology Division, Central Institute of Fisheries Education, Versova, Mumbai - 400 061, Tel. 022-26361446(O), 022-26321092 (R), Fax. 022-26361573, Email: lakrawas@hotmail.com. **Spl. - Animal/Fish Genetics and breeding**, published 92 research papers/Review Articles/Books; visited - China, France, Thailand, Australia, Singapore, Austria; recipient of V.G. Jhingran Gold Medal/F.O.A. - UN fellowship, got many National/International assignments; held many administration posts.



DR. YESHWANT KONDJI KHILLARE (b. 24-04-1956), M.Sc., Ph.D., Professor, Dept. of Zoology, Dr. B.A. Marathwada University, Aurangabad (MS) - 431004; Tel. : 0240-2370420. Res.: Plot No. 68, Saket Nagar (Pethenagar), Bhausingpura, Aurangabad - 431004. **Spl. - Fishery Biology/Toxicology**, published 56 research papers in National/International Journals; visited - West Germany, Netherlands, Poland, Thailand, received several awards/fellowship of academic bodies, produced 8 Ph.D student. He is devoted research worker.



DR. Y. N. DWIVEDI (b 16-01-1954), M.Sc., Ph.D., F.A.Z., F.Z.S., F.A.E.B., Lecturer, Dept. of Zoology, Sahu Jain (P.G.) College, Najibabad - 246763 (U.P.) **Spl. - Cytogenetics**. published more than 30 research papers in standard journals.



DR. YAMUNA DHAR PANDE (b. 31-03-1944), M.Sc., D.Sc., (Agr.) former - Director Tea Research Association, Toklai Experimental Station, Jorhat -785008, Assam; Vice Chancellor, Tripura University, Professor of Life Sciences, Tripura Univ., Agartala; Head, Dept. of Life Sciences and Dean, faculty of Life Science, Tripura Univ., **Spl. Ecology/Control of Phytophagous insects and mites**, Tel. (R) 0376-2320802; supervised 6 Ph.D., 7 M.Sc. Agr + 15 M.Sc. (dissertation) students; published 85 research papers in National/International Journals; PI of many (about ten) major research project; visited - Bangaldesh, Belgium, Canada, Czechoslovakia, Denmark, Finland, France, Italy, Japan, Malaysia, Spain, Turkey & USA etc. Attended/Chaired many conferences; member/life member/fellow of many professional bodies; Editor of many journals etc; recipient of Atatürk Univ. (Turkey) Gold Medal (1991).



Dr. Magan Kumar Agarwal (b. 24-04-1952) M. Sc., Ph.D. : Head, Deptt. of Zoology,, A. S. College. Mawana - 250401, Meerut. Tel - 01233-273411 (O), 272945 (R); Res. 440, Hawa Singh Block, Asiad Village, New Delhi - 110049, Tel - 011 - 6498640. E-mail : Magan_agarwal @ yahoo.com; magankumar @ rediff.com. spl. Neuroendocrinology/Environmental Biology/**Stem cell Biology** : Published more than 42 research papers in National / International Journals : attended 24 symposia /conferences, PI of many research projects funded by UGC, ICMR etc., member/ Life member/fellows of many professional /academic bodies ; recieved advance training, produced 18 Ph.D. students.

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