

## BIO-DATA

**NAME** : Prof. G. GNANA MANI  
**Designation** : Vice Chancellor  
**Date of Appointment** : 13<sup>th</sup> July 2023  
**Address (Office)** : Krishna University, Rudravaram,  
Machilipatnam  
Krishna District Andhra Pradesh 521 004  
**(Residence)** : H No:21/637-1, Second Floor, Parasupet,  
Machilipatnam 521001  
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**Date of Birth** : March 7, 1954.



### EDUCATION

- **B.Sc.** (Zoology, Botany and Chemistry) Loyola College, Vijayawada, India, 1972 - **First Class** (68%)
- **M.Sc.** in Zoology, Andhra University, Visakhapatnam, 1974 - **First Class with Distinction** (70%)
- **Ph.D.** in Zoology, Andhra University, Visakhapatnam, 1979.
- Title of Ph.D. Thesis: Studies on marine cercariae with observations on some Life-history stages from Andhra Coast.

### ADMINISTRATIVE EXPERIENCE (POSTS HELD)

- **Principal, College of Science & Technology,** Andhra University September, 2013 - March 31, 2014
- **Dean, Faculty of Science,** Andhra University Jan, 2013 - September, 2013
- **Dean of Academic Affairs,** Andhra University May, 2010 - September, 2012
- **Chairman, PG Board of Studies in Zoology,** A.U. July, 2010 - December, 2012
- **Research Co-ordinator, OASTC, (Ministry of Earth Sciences, New Delhi)** Andhra University Jan, 2010 - March, 2014
- **Registrar, Dr. B.R. Ambedkar University,** Srikakulam Aug, 2008 - Aug, 2009
- **Director, Press & Publications,** Andhra University July, 2008
- **Head of the Department of Zoology,** Andhra University Nov, 2004 - Oct, 2007
- **Dean, College Development Council,** Andhra University Mar, 2005 - Aug 2005
- **Co-ordinator, Science Courses (Distance Mode),** A.U. Oct, 2003 - July, 2005
- **Co-ordinator, UGC-SAP in Zoology,** Andhra University July, 2001 - March, 2004
- **Associate Dean, College Development Council,** A.U. Dec, 1999 - May 2002
- **Foreign Students Advisor,** Andhra University May, 1995 - Oct, 1998
- **Assistant Principal, College of Science & Technology,** A.U. Nov, 1990 - Oct, 1991

### ACADEMIC HONOURS, FELLOWSHIPS etc.

- Research Scholar, CSIR at Andhra University, November, 1974 – June 1976
- **National Overseas Scholarship** for Post-doctoral Research Abroad awarded by the Ministry of Welfare, Govt. of India, September, **Post-doctoral Research Fellow in the Department of Biology, State University of New York** at Buffalo, NY, USA (1981-1982).

- **Post-doctoral Research Fellow in the Department of Veterinary Parasitology and Microbiology, Texas A & M University, College Station, Texas, USA, Oct. 1982 – Oct. 1984.**

#### AWARDS / MEDALS

- Gold Medal awarded by the Helminthological Society of India, 2014
- Fellow of the Zoological Society of India 2007.
- Gold Medal awarded by the Zoological Society of Eastern India, 1999.
- Medal for Best Paper (Poster) presentation in XI National Congress of Parasitology at Udaipur, 1994.
- H.R. Mehra Gold Medal Awarded by Helminthological Society of India, 2018.

#### INTERNATIONAL TRAINING PROGRAMS ATTENDED

- Comparative Pathology of Marine Invertebrates, **Marine Biology Laboratory, Woodshole, Massachusetts, USA, December, 1981.**
- **Electron Microscopy: Theory and Application, State University of New York, Buffalo, USA, 1982.**
- Identification of Helminth Parasites of Economic Importance, **International Institute of Parasitology, St. Albans, England, July-August, 1990.**

#### TEACHING EXPERIENCE

- Professor : April, 1993 – March 31, 2014
- Reader : April, 1985 - March, 1993
- Lecturer : July, 1976 - April, 1985
- 37 years of Teaching Experience at Post Graduate Level.

**Total Service as Professor: 21 years**

#### MEMBERSHIPS

- Life Member, Indian Science Congress Association
- Life Member, Indian Society for Parasitology.
- Executive Member, Indian Society for Parasitology.
- Life Member, Zoological Society of Eastern India.
- Executive Member, Zoological Society of Eastern India.

#### OTHER ASSIGNMENTS / PUBLIC SERVICE

- Examiner and Paper Setter, **Union Public Service Commission**, Civil Services Examinations and Indian Forest Service Examinations (1990 – Till date)
- Member, State Expert Appraisal Committee (SEAC) Government of Andhra Pradesh (2021-present)
- Member, Selection Board for recruitment of Assistant Professors, Odisha Public Service Commission. (July, 2022)
- Chairman, Syllabus Drafting Committee for Civil Services- Zoology Paper (March- May, 2021)
- **Member of Governing Council, National Council of Rural Institutes (NCRI), Nominated by Ministry of HRD, New Delhi (2011-2014).**
- Member, Editorial Board, Journal of Parasitic Diseases (2010 -2015)

- Advisory Committee Member (SAP), University Grants Commission, (New Delhi) at the Acharya Nagarjuna University, Guntur (2004-2006).
- **Expert Committee Member for review of UGC Major Research Projects** (New Delhi) 2008 & 2009.
- Member, UGC X<sup>th</sup> Plan Committee (2008)
- Selection Committee Member for different posts in Universities - Madras University, Babasaheb Ambedkar Marathwada University and Acharya Nagarjuna University.
- Member, AUCET (1990-91)

#### UNIVERSITY ASSIGNMENTS / COMMITTEES

- Served as Member of State level Committee, APSCHE regarding starting of new colleges in the combined State of A.P. and preparation of guidelines (2010 - 2013).
- Served as Expert Member - AP Intermediate Board - Recasting of Intermediate Syllabus in Zoology in tune with NEET. (2011-2013)
- Served as Member in the University Purchase Committee, Affiliation Committees etc.,

#### CONFERENCE/WORKSHOPS ORGANIZED :

- Convener, National Symposium on Parasite Taxonomy, Biodiversity and Fish Health: Environmental Impact, March 12 -13, 2010
- Organizing Secretary, 19th National Congress of Parasitology and International Symposium on Parasitic Diseases of Man and Animals at Andhra University, Visakhapatnam sponsored by the Indian Society for Parasitology, October 26-28, 2007.
- Organizing Secretary, National Workshop on Fish Parasites: Taxonomy Capacity Building at the Dept. of Zoology, Andhra University, Visakhapatnam, February, 23-24, 2007.

#### BOOKS

- Contributed one chapter in the Book titled: **Helminthology in India** (Publishers Int. Underwriters inc.)
- Contributed several chapters in the Text Book entitled "Cell and Molecular Biology", Distance Mode Material for M.Sc Zoology students of Dr. B.R. Ambedkar Open University, Hyderabad.
- Contributed several chapters in the Distance Mode material entitled "Medical and Veterinary Parasitology to cater to M.Sc Zoology students of Andhra University.

#### RESEARCH EXPERIENCE

- M.Phils. Guided : 13
- Ph.D.s Guided : 10

#### RESEARCH PROJECTS UNDERTAKEN

- Major Research Scheme (Financed by UGC) - 1

**SEMINARS / CONFERENCES ATTENDED: 35**

**Papers Presented at National, International Symposia and Abstracts Published :**

- **G.Gnana Mani and K.Hanumantha Rao, 1979.** A new opisthorchioid cercaria from the marine gastropod, *Cerithium obeliscus* Hornell, from Bay of Bengal, Visakhapatnam. **Second National Congress of Parasitology at Banaras.** (May 5-7).
- **G.Gnana Mani, 1983.** Life cycle of *Haplosporidium purii* Srivastava, 1939. **The American Society of Parasitologists Meeting at San Antonio, Texas.** (December, 4-8).
- **K.Hanumantha Rao and G.Gnana Mani, 1985.** On a new cystophorous cercaria from Visakhapatnam coast. **Second National Seminar on Marine Intertidal Ecology at Visakhapatnam** (February 14-16).
- **G.Gnana Mani and K.Hanumantha Rao, 1986.** Observations on microphallid cercariae of Waltair coast. **Third National Convention of Indian Helminthologists at Meerut** (December 30 – January 1).
- **Suchitra, Ch., R. Madhavi and G. G. Mani, 1990.** Prevalence of intestinal helminths in children from a fishing village near Visakhapatnam. **National Congress of Parasitology at Dehra Dun** (March 16-18).
- **S. Tata Rao, G.Gnana Mani and R. Madhavi, 1992.** Hookworm infection in primary school children of Jalaripet in Visakhapatnam. **All India Seminar on Zoology and Human Welfare & Annual Meeting of Zoological Society of India at Faizabad** (June 28-30).
- **B.Ramakrishna and G.Gnana Mani, 1992.** Some ecological aspects of infection with helminth parasites of the silver eel, *Muraenesox cinereus* (Forsk.) from Visakhapatnam coast. **All India Seminar on Zoology and Human Welfare and Annual Meeting of Zoological Society of India at Faizabad** (June 28-30).
- **Suchitra, Ch., G.Gnana Mani and R. Madhavi, 1993.** Epidemiology of *Ascaris* infection in primary school children of a slum area in Visakhapatnam. **Third Asian Congress of Parasitology at Lucknow** (February 18-21).
- **M.V. Sudha and G. Gnana Mani, 1993.** Some ecological aspects of helminth infections in the marine eel, *Muraenesox talabonoides* (Bleeker) off Visakhapatnam. **Third Asian Congress of Parasitology at Lucknow.**
- **Suchitra, Ch., G. Gnana Mani and R. Madhavi, 1993.** Age related differences in prevalence and intensity of infection among children from two primary schools in two fishing villages, Visakhapatnam. **VII Annual Conference on National Environment at Bhubaneswar** (February 16-19).

- **G. Gnana Mani, R. Madhavi and V. Luther Das, 1994.** The life-cycle of *Stictodora sawakinensis* Looss, 1989 (Trematoda : Heterophyidae). **XI National Congress of Parasitology at Udaipur** (February 20-24).
- **N.Nageswara Rao and G.Gnana Mani, 1995.** Haemoglobin levels in relation to antihelminthic treatment among primary school children. **XII National Congress of Parasitology at Goa.** (January 23-25).
- **G.Gnana Mani and Indrani Paul, 1996.** Eosinophilia in relation to intestinal helminthiasis among slum school children in Visakhapatnam. **Global Meet on Parasitic Diseases at New Delhi,** (March, 18-22).
- **Indrani Paul and G.Gnana Mani, 1996.** Epidemiology of *Ascaris* infection and serum Ig E levels among slum school children in Visakhapatnam, South India. **XIV International Congress for Tropical Medicine and Malaria at Nagasaki, Japan.**
- **Sai Jyothi, U and G.Gnana Mani, 1997.** Ecological aspects of trematode infections in some commercially important carangids of Visakhapatnam coast. **Global meet on Parasitic Diseases at Hyderabad.** (August, 18-22).
- **G.Gnana Mani, 1997.** Participated as Discussant in the Symposium on **Recent Trends in Tropical Disease Research at Sevagram.** (September, 5-6).
- **G.Gnana Mani, 1998.** Participated in an International Workshop on Emerging Trends in the Diagnosis of Infectious Diseases – **UNDP Programme held at CDRI, Lucknow.**
- **G.Gnana Mani, 1999.** Participated in the National Symposium on **Advances and Application of Animal Science for Human Welfare and First Zoological Congress of Eastern India at Siliguri and Darjeeling** (November 25 – 28).
- **Sai Jyothi, U and G.Gnana Mani, 2000.** Monogenean and digenean parasites of carangid fishes of Visakhapatnam Coast, Bay of Bengal. **12th Biennial National Conference of the Zoological Society of Bangladesh at Dhaka** (February 4-6).
- **Sandhya V. and G.Gnana Mani, 2000.** Helminth Parasites of some deep sea fishes of Bay of Bengal. **XIV National Congress of Parasitology held at New Delhi**
- **P. Prakash Babu, K.Arun Kumar, Meena Shukla, Manas Panigrahi and G.Gnana Mani, 2001.** Pathology of Experimental Cerebral Murine Malaria associated with Necrosis and Apoptosis morphological continuum in mice brain. **XV National Congress of Parasitology held at Bareilly.**
- **G.Gnana Mani, 2001.** Delivered Plenary lecture in the National Conference on ‘**Living Resources for Bioindustries**’, **Dr.Babasaheb Ambedkar Marathwada University,** (22-23, Dec.2001).
- **G.Gnana Mani, 2003.** Co-chaired a Scientific Session in the **National Conference on Recent Trends in Aquatic Biology held at Nagarjuna University, Guntur.**

- **Sai Jyothi, U and G. Gnana Mani, 2003.** Monogenean and Digenean Parasites of Pomfrets of Visakhapatnam Coast. **National Conference on Recent Trends in Aquatic Biology (29-31 January).**
- **G.Gnana Mani, 2003.** Delivered a lecture in the Scientific Session of **State Level Seminar on Recent Trends in Biotechnology held at Y.N.College, Narsapur (Feb. 22, 2003).**
- **M.V. Sudha, G. Gnana Mani and K.Padma Dorothy, 2004.** Organization of nervous system in hemiuroid trematodes from the marine eel, *Congresox talabonoides*. **Joint International Neuroscience Conference of Indian Academy of Neurosciences and Society for Neurochemistry, Hyderabad (6-8 May).**
- **Indrani Paul, G.Gnana Mani and K. Padma Dorothy, 2006.** Soil-transmitted helminth infection and serum protein studies in slum school children in Visakhapatnam, South India. Poster presented at **XI International Congress of Parasitology, held at Glasgow, Scotland, UK, 6-11 August.**
- **Indira Ashalatha Peter, Rakesh Selva, K. and Gnana Mani, G. (2007).** "Helminth parasites of the dolphin fish, *Coryphaena hippurus* Linnaeus from Bay of Bengal" (Poster) at the VIIth ISFP 2007 (**International Symposium on Fish Parasites**) at Viterbo - **Italy** from 24th -28th September.
- **Srinivas G and G. Gnana Mani. 2007.** Parasite associated histopathological changes in the stomach of the marine eel, *Congresox talabonoides* (Bleeker). Poster presented at **VII International Symposium on Fish Parasites, Viterbo, Italy, 24 - 28 September.** Abstract published in *Parassitologia, Journal of the Italian Society of Parasitology, Vol.49. Suppl.2: 49. 2007.*
- **Srinivas G and G. Gnana Mani. 2007.** Ecological aspects of trematode infection in the marine eel, *Congresox talabonoides* (Bleeker) from Bay of Bengal. Paper presented at **VII International Symposium on Fish Parasites, Viterbo, Italy, 24 - 28 September.** Abstract published in *Parassitologia, Journal of the Italian Society of Parasitology, Vol.49. Suppl.2: 360. 2007*
- **Rakesh Selva, K. and Gnana Mani, G. (2008).** "Ultrastructure of the tegument of the hemiurid digenean *Stomachicola muraenesocis*" (Poster) at the **20th National Congress of Parasitology** from 3-5th November at North-Eastern Hill University, Shillong.
- **Rakesh Selva, K. and Gnana Mani, G. (2009).** "Biochemical aspects of the tegument of the hemiurid digenean, *Stomachicola muraenesocis*" (Oral) at the **21st National Congress of Parasitology, at Punjab University, Chandigarh.**
- **Indira Ashalatha Peter, Gnana Mani, G and Padma Dorothy, K. (2010).** *Dinurus barabatus*, a hemiurid worm from the dolphinfish, *Coryphaena hippurus* Linnaeus of Visakhapatnam coast, Bay of Bengal. (Poster) at the **National Symposium on Parasite Taxonomy, Biodiversity and Fish Health: Environmental Impact** during 12th -13th March, at Andhra university, Visakhapatnam.

- **Rakesh Selva, K. and Gnana Mani, G. (2010).** Histochemical studies of the hemiurid, *Stomachicola muraenesocis*, parasitizing the marine eel, *Congresox talabonoides* of Visakhapatnam Coast, Bay of Bengal” (Poster) at the **National Symposium on Parasite Taxonomy, Biodiversity and Fish Health: Environmental Impact** during 12th -13th March, at Andhra university, Visakhapatnam.
- **Padma Dorothy. K and G.Gnana Mani. (2011)** Bio-active compounds from marine epiphytic bacteria. **International Conference “Asia Pacific Aquaculture 2011” held at Kochi, India.** 17-20 January.
- **Indira Ashalatha Peter, G. Gnana Mani, K. Padma Dorothy and M. Raghu Ram (2016)** Ultrastructural Observations of the tegument of *Dinurus Barbatius* Cohn, 1902 (Digenea : Hemiuride). **103rd Indian Science Congress, Mysuru.** 3 - 7 January.
- **M. Siddardh Kumar & G.Gnana Mani, (2017)** Scanning Electron Microscope observations of *Neoechinorhynchus chilkaensis* Poddar, 1937 (Acanthocephala) from the Mullet, *Liza macrolepis* Smith held at Tirupathi. 3 - 7 January. 2018.
- Delivered a Talk (Invited Talk) on Man-Animal Conflict Management at Andhra Pradesh Human Resource Development Institute, Bapatla. 11th July.
- Delivered an invited talk on Indian Marine Cercariae at University of Lucknow – National Symposium on Fish Parasites (2018)
- M. Siddardh Kumar, G.Gnana Mani, U. Shameem and K. Padma Dorothy, 2018 Morphology and histological observations of *Neoechinorhynchus chilkaensis* Poddar, 1937 (Acanthocephala) parasitizing *Liza macrolepis* Smith from Bay of Bengal. 106<sup>th</sup> Indian Science congress to be held at Jullundur 3-7, January.
- Indira Asha Latha, Peter, G. Gnana Mani and K. Padma Dorothy, 2018 – Scanning electron microscope observations of *Hysterothylacium pelagicum*, Deardorff and Overstreet, 1982, parasitizing *Coryphaena hippurus* Linnaeus from Bay of Bengal. 106<sup>th</sup> Indian Science congress to be held at Jullundur 3-7, January.
- M. Raghu Ram, G. Gnana Mani, U. Shameem and K. Padmini Devi, 2018 – Efficacy of Carbohydrate sources used in Biofloc technology in controlling the TAN levels in the nursery system of *L. vannamei*, from Bay of Bengal. 106<sup>th</sup> Indian Science congress to be held at Jullundur 3-7, January.

## RESEARCH PUBLICATIONS

G.G. Mani and R. Madhavi, 1988	First report of <i>Galactosomum ussuriense</i> Oshmarin, 1963 (Trematoda: Heterophyidae) from the shore birds of Visakhapatnam, <b>Journal of Helminthology, 62, 233-234.</b>
G.G.Mani, 1989	Morphology and life-cycle of <i>Paucivitellosus hamumanthai</i> n.sp (Trematoda: Bivesiculidae). <b>Transactions of American Microscopical Society, 108(1): 21-26.</b>
Suchitra, Ch. R. Madhavi and G.G.Mani, 1991	A Survey on prevalence of intestinal helminths in children of a fishing village in Visakhapatnam, India. <b>Indian Journal of Parasitology, 15(1): 33-34.</b>
G. Gnana Mani, and K.Hanumantha Rao, 1993	Studies on Indian Marine cercariae : Two new Echinostome Cercariae. <b>Proceedings of the Helminthological Society of Washington. 60(2), 250-255.</b>
G.Gnana Mani, S. Tata Rao and R. Madhavi, 1993	Estimation of hookworm intensity by antihelminthic expulsion in Primary school Children in South India. <b>Transactions of the Royal Society of Tropical Medicine and Hygiene, 87, 634-637</b>
G. Gnana Mani, 1993	Studies on Indian Marine Cercariae: A new pronoccephalid cercaria. <b>Journal of Parasitology and Applied Animal Biology, 2(2),105-107.</b>
G. Gnana Mani, 1994	Studies on Indian Marine Cercariae : A new haploporid cercaria. <b>J. Parasit. Appl. Anim. Biol. 3(1) 83-85.</b>
Indrani Paul, G.Gnana Mani and N.R. Nallam 1999	Intestinal helminth infections among school children. <b>J. Parasit. Appl. Anim. Biol. 8(1): 47-48.</b>
Indrani Paul, G.Gnana Mani and N.R.Nallam, 1999	Intestinal helminth infections among school children in Visakhapatnam. <b>Indian Journal of Pediatrics. 66:669-673.</b>
G. Gnana Mani, 2003	Marine cercariae. Text book on Helminthology in India (Ed. M.L.Sood) <b>393-418.</b>
G. Gnana Mani, 2007	Study of cercariae and methods of identification. (Proceedings of the Workshop). PP 75-78, AU Press Publication
Indira Ashalatha Peter and G. Gnana Mani, 2016	Ultrastructural Observations of the tegument of <i>Dinurus Barbatus</i> Cohn, 1902 (Digenea : Hemiuridae). Proceeding of the 103 <sup>rd</sup> Indian Science Congress. (Proceedings of 103 <sup>rd</sup> ISCA)
Raghu Ram.M, Gnana Mani.G, Shameem.U, Padma Dorothy K and Padmini Devi.K(2019)	Effect of Three Different Carbohydrate Sources used in Biofloc Technology in Reducing Tan Levels During the Nursery Phase of <i>Litopenaeus vannamei</i> . Journal of Emerging Technologies and Innovative Research (JETIR), Vol.6(3):176-179 March 2019
Indira Asha Latha Peter, G. Gnana Mani and K. Padma Doroty, 2019.	Scanning electron microscope observations of <i>Hysterothylacium pelagicum</i> , Deardorff and Overstreet, 1982 parasitizing <i>Coryphaena hippurus</i> Linnaeus from Bay of Bengal. (Proceedings of the 106 <sup>th</sup> Indian Science Congress Association - Communicated)
Siddhartha Kumar, M.B, Gnana Mani.G, Shameem.U and Padma Dorothy. K (2022)	Morphological and Histological Observations on <i>Neoechinorhynchus chilkaensis</i> Poddar, 1937 (Acanthocephala) infecting the mullet, <i>Liza macrolepis</i> Smith from Gosthani Estuary, Bay of Bengal. The International journal of analytical and experimental modal



	analysis Volume XIV, Issue II, February/2022: 400-403
Siddhartha Kumar. M.B, Gnana Mani. G, Shameem. U and Padma Dorothy. K (2022)	Body wall, tegmental organization and anatomical aspects of reproductive system of <i>Neoechinorhynchus chilkaensis</i> Poddar, 1937 (Acanthocephala) parasitizing the mullet, <i>Liza macrolepis</i> Smith, Bay of Bengal. The International journal of analytical and experimental modal analysis Volume XIV, Issue II, February/2022: 662-666
Srinivas G., Gnana Mani. G. & Padma Dorothy K., 2022	Estimation of Total Carbohydrate, Lipid and Protein Content in the hemiurid Digenean, <i>Stomachi colamuraenesocis</i> , infecting the stomach of the Marine Eel, <i>Congresox Talabonoides</i> (Bleeker) from Bay of Bengal." International Journal of Zoology And Research(IJZR) VOL - 12, ISSUE - 1:: JUN-2022