

CURRICULUM VITAE

Dr. A. Deva, M.Sc., Ph.D.,
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OBJECTIVE:

To work with research team which progress dynamically and gives me a chance to utilize update and enhance my scientific skills and knowledge that may lead to a mutually beneficial good results.

RESEARCH INTERESTS:

Human Molecular Genetics of populations, genetic mechanisms underlying various diseases, Role of Genetics in immune system functions against various diseases, genetic influence with the background of environment in the susceptibility and/or resistance to diseases.

LABORATORY AND SOFTWARE SKILL EXPERIENCE:

Molecular Biology

- Expertise in Gradient thermal cyclers, Isolation of DNA, RNA, protein and genomic DNA from large human population samples, aptures in basic molecular biology techniques such as eletrophoretic separation, RFLPs, RSPs, Indels, Amplicon analysis.

Software skill

- Expertise in popular softwares/packages of population Genetics such as **Population Genetic Analysis software such as POPGENE, Version 1.3 ; Paleontological Statistics such as Past 3, Virsion 3.11; Arliquen 3.5 and Epi Info. 7,**

Genetics

- Expertise in interpretations of genotype and phenotype datas between control and disease populations, Genetic screens in human, Nuclear DNA mutation frequency analysis in South Indian tribal populations.

Animal Models

- Trained in the XXX – Winter School on Advances in Molecular Diagnostic Techniques: Biochemistry & Immunology for Mouse and rat handling, oral gavage, bleeding technique.

Lab Technician

- Two Year - **Lab Technician** of Clinical pathology, Haematology, Bio-chemistry, Microbiology and Serology in Bharathi Raja specialty Hospital, 20 G. N Chetty. T. Nagar Chennai from August 2012 to April 2014.
- Knowledge of operating **Bayar express Auto analyzer, ABG gas analyzer, RA 50 Bayar Semi analyzer, ERBA CAME Semi analyzer, electrolyte analyzer and trace analyzer.**
- Knowledge of operating ABL 800 Basic Electrolytes Analyzer, BS 200 Auto Analyzer and BS 400 Auto Analyzer, CA-50 Coagulation analyzer, Cobas e 411 Serology Analyzer, Pentra ES 60 Haematology, Lena ESR Analyzer.

ACADEMIC PROFILE:

Ph.D. (2014-2019) :

Doctor of Philosophy in Zoology (Spln: Human Genetics) from Periyar E.V.R College (A), Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.

M.Sc. (70%) (2010-2012) :

Master of Science in Zoology, from Jamal Mohamed College, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.

B.Sc. (65%) (2005-2008) :

Bachelors of Science in Zoology, from Periyar E.V.R College, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.

TEACHING EXPERIENCE

I have working as Assistant Professor of Zoology in Arignar Anna College (Arts and Science), Krishnagiri From 01-07-2019 to till date.

EXTRA RESEARCH ACTIVITY

- I have working (Arignar Anna College Arts & Science, Krishnagiri - 635 115) as IQAC committee one of the member at extreme institution.
- I have working (Arignar Anna College Arts & Science, Krishnagiri - 635 115) as IPR Cell Coordinator at extreme institution.

EXTRA COURSES

- **Two years Diploma in medical lab technician at southern institute of technology in Chennai, (Regsted Under S.R. Act XXI of 1860, New Delhi with Medical board All India Association of Medical Technologists, Govt of TN)**

AWARDS:

- **Best Research Scholar Award-2018**
Indian Academic Researchers Association, Trichy, Tamil Nadu, India.

PROJET WORK

1. Ph.D.,

Genetics and health of South Indian tribal populations: A superficial genomic perspectives to find their health implications.

2. M.Sc.,

Studies on the ground water quality of Mannachanallur area in Tiruchirappalli.

LANGUAGE PROFICIENCY

- English and Tamil

PERSONAL DETAILS

Graduate : First Graduate
Guardian Name : V. Neelakandan
Date of Birth : 23 April, 1985
Age : 39
Gender : Male
Marital Status : Un Married
Mother Tongue : Tamil
Nationality : Indian

Residential Address : 178, Solankovil, Kuruvampatti
Solanganallur (Post),
Mannachanallur Taluk, Trichirappalli District – 621 213.
Tamil Nadu, India.

PAPERS BUPLISHED:

1. Baburajan Radha*, Gnanaraj Muniraj, Nandhakumar Rengasamy, **Deva Arumugam**, Raghu Paramasivam, Prabhakaran Krishnanand Ravikumar Rasu, 2016. The Islet Confidential: Recent Trends and Perspectives in Pancreatic Islet Transplantation, *International Journal of Pharmacology, Phytochemistry and Ethnomedicine*, Vol. 3, pp 54-75.
2. **A. Deva**, R. Nandakumar*, P. Raghu and K. Prabhakaran, 2016. Autosomal DNA Polymorphisms of Four South India Tribal Populations, *World Scientific News 2*: 62 -72.
3. P. Raghu, **A. Deva**, R. Nandakumar*, S. Ganga and K. Prabhakaran, 2016. ABO blood group polymorphisms in eleven tribal populations of south India, *World Journal of Pharmaceutical Research 5*(4): 1826-1836.
4. P. Raghu, R. Nandakumar*, **A. Deva** and K. Prabhakaran, 2016. Association of ACE DD genotype with Hypertension among the tribal populations of South India, *International Letters of Natural Sciences*, Vol. 52, pp 1-8.

5. Raghu Paramasivam*, Rajikkannu Muthaiyan, Nandakumar Rangasamy, **Deva Arumugam**, Prabhakaran Krishnan and Masilamani Viveganathan, 2016. Superoxide dismutase activity and catalase activity in *Vibrio Parahaemolyticus* infected marine prawn *Penaeus monodon*, subjected to probiotic feed supplementation, *International Journal of Zoology Studies*, 1 (2): 18-22.
6. Nandakumar Rangasamy*, Rajikkannu Muthaiyan, Raghu Paramasivam, **Deva Arumugam**, Baburajan Radha, Prabhakaran Krishnan and Masilamani Viveganant, 2016. A Study on the therapeutic ability of gut microbiota upon *V. parahaemoly* infected farm prawn, *International Journal of Pharmacology, Phytochemistry and Ethnomedicine*, 2:20,29
7. P Raghu, M Rajikkannu, R Baburajan, **A Deva**, R Nandakumar, V Masilamni, K Prabhakaran, 2016. Effect of *Bacillus coagulans* and *B. firmus* incorporated probiotic diet on Superoxide dismutase activity and catalase activity in *Penaeus monodon*, *World Scientific News*, 44, 224-235.
8. R. Nandakumar* , P. Raghu, **A. Deva** and K. Prabhakaran, 2015. ABO and Rh (D) Blood Group Polymorphms in Soliga Tribal Population of Tamil Nadu, India, *Journal of Life Sciences*, 7 (1-2), 18-18.

PAPER PRESENTATION:

- Dopamine Receptor D2 (DRD2) gene Polymorphisms in four tribal populations of South India. “3rd Quality Enhancement in Academic Research” at Jamal Mohamed College, Tiruchirappalli – 620 020, (21st April 2018).
- Genetic structure and affinities of four tribal populations of South India. Krishna arts and science college, Krishnagiri- 635 001, (15th September, 2017).

PARTICIPATION IN NATIONAL / INTERNATIONAL WORKSHOPS / CONFERENCES

/ SEMINAR:

Name of the program	Conducted by	Duration & Year
Demystifying IPR – Issues and Challenges	Periyar University, Salem – 636 011	28.02.2023
NAAC Sponsored a two day National level Seminar on ROLE OF NAAC IN ENHANCING QUALITY IN HIGHER EDUCATIONAL INSTITUTIONS	Sri Vidya Mandir Arts & Science College, Krishnagiri – 636 902	7 & 8 09.2021
3 rd International Conference on Quality Enhancement in Academic Research	Jamal Mohamed College, Tiruchirappalli – 620 020	21.04.2018

Research Methodology and Research Writing	Periyar E.V.R. College, Training and Placement Cell, Tiruchirappalli – 620 023	26.09.2017
Science Academies' Lecture Workshop on Emerging Frontiers in Plant Sciences	Periyar E.V.R. College, Tiruchirappalli – 620 023	23.08.2017 & 24.08.2017
Science Academies' Lecture Workshop on Advances in Particle Physics	Periyar E.V.R. College, Tiruchirappalli – 620 023	06.02.2017 & 07.02.2017
Lecture Workshop on Bioprospecting and Bioresources	St. Joseph's College, Tiruchirappalli- 620 002	10.02.2016 & 12.02.2016
Seminar on Recent Trends in Life Science	Sri Sai Bharath College of Education, Dindigul - 624 710	25.11.2016
XXX – Winter School on Advances in Molecular Diagnostic Techniques: Biochemistry & Immunology	Madurai Kamaraj University Madurai – 625 021	5.12.2016 & 17.12.2016
Seminar on Recent Trends in Zoology	National College, Tiruchirappalli - 620 001	19.03.2012
Workshop on Techniques in Collection and Rearing of Biocontrol Insects	Jamal Mohammed College, Tiruchirappalli- 620 020	1.02.2012
National Seminar on Environmental Changes and Biowealth	Jamal Mohammed College, Tiruchirappalli- 620 020	31.01.2012
National Seminar on Current Scenario in Environmental Biotechnology	Jamal Mohammed College, Tiruchirappalli- 620 020	23.02.2011 & 24.02.2011

Webinars and E- Quiz

“SCIENTIFIC WRITING, PEER REVIEW AND RESEARCH INTEGRITY”	PERIYAR EVR COLLEGE, TIRUCHIRAPPALLI	17.07.2020
ONLINE E-QUIZ ON "ZOO NOTIC DISEASES AWARENESS	GOVERNMENT ARTS COLLEGE(AUTONOMOUS), KARUR - 5 TAMILNADU FROM	6 TO 12.07. 2020.
CANCER THERAPY AND ITS PREVENTION BIOSAFETY, BIOTECHNOLOGICAL APPLICATION OF MARINE MICROBES	ARINGNAR ANNA COLLEGE (ARTS & SCIENCE) KRISHNAGIRI – 635 115	14.09.2020
ONLINE AWARENESS PROGRAMME ABOUT COVID – 19	S.B.PATIL INSTITUTE OF MANAGEMENT AND PUNE BUSINESS SCHOOL	14-6-2020
CELLS OF THE IMMUNE SYSTEM AND DISEASES CAUSED BY MICROBES”	ARIGNAR ANNA GOVT. ARTS COLLEGE , MUSIRI, TIRUCHIRAPPALLI – 621 211	1 ST JULY TO 6TH JULY 2020
AWARENESS ON COVID-19	CARDAMOM PLANTERS' ASSOCIATION COLLEGE, BODINAYAKANUR-625 513	14.7.2020
NATIONAL WEBINAR ON	SIPAJHAR COLLEGE IN	23.09.2020

"BIODIVERSITY LOSS: RESTORATION & CONSERVATION STRATEGIES	COLLABORATION WITH ECO-CLUB, DHING COLLEGE	
ONE DAY INTERNATIONAL WEBINAR ON "BASIC SCIENCES OF MRI CONTRAST AGENTS"	TBML COLLEGE, PORAYAR, MAYILADUTHURAI DISTRICT	12TH JUNE 2021
INTERNATIONAL CONFERENCE ON "RECENT TRENDS IN BIOLOGICAL SCIENCES"	ST. JOSEPH'S COLLEGE, TRICHY	3RD & 4TH JUNE 2020
WEBINAR ON THE TOPIC "PERIODS AND MENSTRUAL HYGIENE"	ISMAIL NATIONAL MAHILA PG COLLEGE, MEERUT	12 JULY 2020
ONE DAY INTERNATIONAL WEBINAR ON "RECENT PERSPECTIVES IN LIFE SCIENCES"	SRI SARADA COLLEGE FOR WOMEN (AUTONOMOUS), SALEM-16	07.07.2020
E- QUIZ ON AWARENESS ON GENETICS AND EVOLUTION	RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS), THANJAVUR - 613 005	16.7.2020
TWO DAY NATIONAL LEVEL SEMINAR ON ROLE OF NAAC IN ENHANCING QUALITY IN HIGHER EDUCATIONAL INSTITUTIONS	SRI VIDYA MANDIR ARTS & SCIENCE COLLEGE (A), UTHANGARAI, KRISHNAGIRI – 636 902	7 & 8.09.2021

UNDER REVIEW:

- ❖ African Journal of Biotechnology
- ❖ African Journal of Microbiology Research

REFERENCES:

Dr. K. Prabhakaran, M.Sc., M.Phil., Ph.D.,
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PG and Research Department of Zoology,
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DECLARATION:

I hereby declare that the above-furnished information is true to the best of my knowledge, and I vow to work hard for the best deliverance, which would help in development of firm.

Your's Faithfully

(Dr. A. DEVA)