

Name: **M.DIVYA GNANESWARI**
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Academic Qualification

S. No	Name of Exam	Year	Name of the Institution	Board of Study	Division/ Class	Subjects Specialization	% of Marks
1	B.Sc.	2000	Lady Doak College, Madurai	Madurai Kamaraj University	I	Zoology (Spl.)	77
2	M.Sc.	2002	Holy Cross College, Trichy	Bharathidasan University	I	Zoology	84
3	Ph.D	2008	Madurai Kamaraj University		Zoology		

Paper Publication:

- **“Structural Stability and Functional Analysis of L-asparaginase from *Pyrococcus furiosus*”** (2010). Bansal S, **Gnaneswari D**, Mishra P and Kundu B. Biochemistry (Moscow) **75(3)**; 375-381.(IF.1.327), 0006-2979
- **“Prion Metal Interaction: Is prion pathogenesis a cause or a consequence of metal imbalance?”** (2009) Rana A, **Gnaneswari D**, Bansal S and Kundu B. Chemico-Biological Interactions **181**; 282-291. (IF. 2.457), 0009-2797
- **“Enhancement of non specific immunity and disease resistance in *Oreochromis mossambicus* by *Solanum trilobatum* leaf fractions”.** (2007). **M. Divyagnaneswari**, D. Christy Bapita and Michael, R.D. Fish and Shellfish Immunology **23**; 249-259. (Elsevier Publication, Impact factor (2007): 3.16), 1050-4648
- **“Oral administration of *Eclipta alba* aqueous leaf extract enhances the nonspecific immune responses and disease resistance of *Oreochromis mossambicus*”.** (2007). D. Christybapita, **M. Divyagnaneswari** and Michael, R.D. Fish and Shellfish Immunology.23; 840-852. (Elsevier Publication, Impact factor (2007): 3.16). 1050-4648
- **“Immunomodulatory activity of *Solanum trilobatum* leaf extracts in *Oreochromis mossambicus*”** – Proceedings of the 6th Symposium on Diseases in Asian Aquaculture conducted at Colombo, Srilanka during October, 2005.
- **“Study on Humoral Defense Factor Involved in the Innate Immune Responses of *Periplaneta americana*”**, (2015). Divya Nayak, Kanika Kishwan, Ekta Nagar, Aishwarya Padmanabhan and **Dr. M. Divya Gnaneswari**, The Journal of Basic and Applied Engineering Research, Vol. 2(3);191-195
- **In Silico Analysis of Compounds Isolated from Selected Indian Medicinal Plants against Chikungunya Viral Proteins**, Laxmi Mishra, Kaveri Tyagi, Manisha Kumari, Shruti Khanna, Jupita Handique, Monika, Neelam Sachdeva, Smriti Sharma And Divya Gnaneswari*, Indian J Pharm Sci 2020;82(4):677-685 (IF: 0.721/2019), DOI:10.36468/pharmaceutical-sciences.693
- **Exploring the Potential of using Spinach Powder for the Visualization of Latent Fingerprints**, Sarika Yadav, Nimisha Sharma, Smriti Sharma and M. Divya Gnaneswari, Indian Journal of Natural Sciences , June 2020, ISSN: 0976 – 0997
- **Synthesis, characterization and antibacterial activity of Mg and Ba-doped ZnO Nanoparticles**, L. Bruno Chandrasekar, M. Divya Gnaneswari & M. Karunakaran,

Journal of Materials Science: Materials in Electronics, September 2020, 31(22), 20270-20276. ISSN 0957-4522, (IF: 2.478/2020).

- **Enhanced in vitro antibacterial activity of ZnO and Mn-Mg co-doped ZnO nanoparticles: Investigation of synthesis, characterization, and impact of dopant**, Radhi Devi, K., Bruno Chandrasekar L., Kasirajan, K. et al., Applied Physics A, April 2022, 128, 368. <https://doi.org/10.1007/s00339-022-05502-3> (IF:2.584/2020) (April 2022)
- **Molecular docking of potential Indian medicinal plant compounds against dengue viral proteins**, Laxmi Mishra, Divya, Anjali Verma, Shraddha, Smriti Sharma & Divya Ganeswari Mayandi*, Indian Journal of Traditional Knowledge, Vol 21(3), July 2022, pp 537-544. [10.56042/ijtk.v21i3.32900](https://doi.org/10.56042/ijtk.v21i3.32900). (IF:1.091/2021), ISSN 0975-1068

List of Book chapters:

1. **M. Divya Ganeswari** and Smriti Sharma (2017). Exploring the potential of Indian medicinal plants against dengue viral protein by docking, in the book title, Grooming of Indian Talent in modern perspective, published by CPDHE, Delhi University, Shivalik Prakashan, New Delhi. ISBN: 978-81-934519-3-9
2. **M. Divya Ganeswari**, (2019). Data collection and analysis, In Research Methodology for undergraduate students, Rastogi Publications, ISBN – 13:978-81-940631-4-8.
3. **M. Divya Ganeswari**, (2019). Interpretation and Report writing, In Research Methodology for undergraduate students, Rastogi Publications, ISBN – 13:978-81-940631-4-8.
4. **M. Divya Ganeswari**, Parasuraman Aiya Subramani (2021). Pathways for migration of microbial and organic contaminants, Kumar, M., Vithanage, M., Mohapatra, S., & Acharya, K. (Eds.). (2021). Legacy, Pathogenic and Emerging Contaminants in the Environment (1st ed.). CRC Press (December 2021). <https://doi.org/10.1201/9781003157465> . eBook ISBN 9781003157465
5. **Ganeswari, M.D.**, Narala, V.R., Subramani, P.A. (2022). Components of Aquaculture as Sources of Environmental Pollution and Available Remedial Measures. In: Kumar, M., Mohapatra, S. (eds) Impact of COVID-19 on Emerging Contaminants. Springer Transactions in Civil and Environmental Engineering. Springer, Singapore (May 2022). https://doi.org/10.1007/978-981-19-1847-6_13. Online ISBN: 978-981-19-1847-6
6. **M. Divya Ganeswari**, Parasuraman Aiya Subramani and Chandrasekaran Binuramesh (2022), Microbial metabolites as fish immunostimulants: Implications in aquaculture and fish vaccines, In: Singh, M., Singh, G.P., & Tyagi, S. (Eds.). (November, 2022). Microbial Products: Applications and Translational Trends (1st ed.). CRC Press. <https://doi.org/10.1201/9781003306931>, ebook ISBN: 9781003306931

Research experience: Worked as project associate (2008-2009) in the DBT funded project “Directed Modification to Attain Increased Affinity and Stability of L-asparaginase from *P. furiosus* and its extracellular expression” under Dr. Bishwajit Kundu, Associate Professor, School of Biological Sciences, Indian Institute of Technology, New Delhi. **Field of study: Molecular Biology and Protein Engineering.**

Awards:

- Cleared **NET-JRF** exam conducted by CSIR-UGC in the year 2002 in the subject Life Sciences
- Got the **DAA VI Student travel assistance** in the year 2005 to attend and present my paper in the Sixth international Symposium on Diseases in Asian Aquaculture in Colombo, Srilanka, conducted by Fish Health Section, Asian Fisheries Society

Add-on:

- Co-ordinator: Add- on course on “**Bioinformatics – tools and applications**” offered from 2021 to 2022 to B.Sc., (P) Life Sciences and B.Sc., (H) Zoology students of Gargi College.

- Co-ordinator: Add- on course on “**Bioinformatics – tools and applications**” offered from 2022 to 2023 to B.Sc., (P) Life Sciences students.

Workshops

- Delivered a talk on “**Exploring the potential of thermophilic microbes as a source of therapeutic proteins**” on 25th March, 2022 through Google meet, organized by Department of Zoology, Holy Cross College, Trichy, Tamil Nadu
- Delivered a talk in 44th webinar on “**Teaching, learning and Development: Impact, Influence and Strategies**” on 13th September, 2020 through Google meet, organized by Special Center for Disaster Research, JNU and CROPC, New Delhi.
- Organized webinar on “**Immunology of Covid – 19**” on 5th August, 2020, live streamed on you tube.
- Organized “**3rd hands on workshop on Bioinformatics**” held from 5th -10th May, 2020, through Google meet, for Life Science students.
- Delivered a talk on the preparation for NET exam on 28th December 2018 in Tamilnadu Teachers education University through skype call.
- Resource person in **Hands on workshop in biological techniques** held on 13th and 14th December 2019 at Gargi College
- Organized “**2nd Hands on Workshop on Bioinformatics**”, 22nd April, 2019 at Gargi College, under Star College Scheme for B.Sc., Life Science Students – **Dr. M. Divya Ganeswari, Dr. Smriti sharma, Dr. Mamtesh Singh and Dr. Chaitali Ghosh**
- Co-ordinator in the National conference on “ **Use of Scientific & Technical Terminologies in Sustainable Environment Development, its Challenges, Computational Analysis and Opportunities**” held at Gargi College from 14-16th March, 2019, with support from Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Department of Higher Education, New Delhi
- Worked as Resource person in “**Summer immersion Program**”, 11th July to 18th July, 2018 at Gargi College, under Star College Scheme
- Organized “**Hands on Workshop on Bioinformatics**”, **October, 2017 at Gargi College, under Star College Scheme for B.Sc., Life Science Students – Dr. M. Divya Ganeswari, Dr. Smriti Sharma, Dr. Shivani Tyagi and Dr. Chaitali Ghosh**
- Worked as Resource person in “**Academics Refresher Course on Immunology Laboratory Techniques using Fish model**” from 14th December – 17th December 2016, organized by VISTAS Centre for Fish immunology, School of Life Sciences, Vels University, Chennai, Tamil Nadu, funded by Indian Academy of Sciences, Indian National Science Academy and The National Academy of Sciences.
- Worked as a **resource person** in workshop “**PCR & Agarose gel electrophoresis**” for undergraduate students on 11th June, 2015 held at Gargi College under star college scheme.
- Worked as a **resource person** in workshop “**Electrophoretic separation and analysis of serum proteins**” for undergraduate students on 2nd June, 2015 held at Gargi College under star college scheme.
- Workshop on **Molecular biology techniques**, 9th October, 2014, under DBT star college scheme
- Worked as a **resource person** in workshop for undergraduate students from May 26th - 31st 2014, and 9-10th Oct, 2014 held at Gargi College under star college scheme.
- Worked as a **resource person** in the workshop “**Immunological Techniques**” held at Centre for Fish Immunology, Lady Doak College, Madurai – 2 from April 30 – May 12, 2007.

Paper presentation in International conferences:

- **Synergistic effect of nanoparticles and Indian medicinal plants**, Palak Vishwakarma, Rashmi Aditi Gupta*, Smriti Sharma and Divya Ganeswari M, “2nd International

Conference on Natural Products and Human Health-2022”, held from November 4-6, 2022 at Deshbandhu College, University of Delhi, New Delhi-110019.

- **Indian Medicinal Plants for Sustainable Agriculture and Healthy Society**, Sabitree Patel*, Shristi Bajpai, M. Divya Ganeswari and Smriti Sharma, “2nd International Conference on Natural Products and Human Health-2022”, held from November 4-6, 2022 at Deshbandhu College, University of Delhi, New Delhi-110019.
- **Plant compounds with anti-inflammatory property**, Reetusneha Bhuyan, Sanya Srivastav, Ria Kapoor, M. Divya Ganeswari & Smriti Sharma, “2nd International Conference on Natural Products and Human Health-2022”, held from November 4-6, 2022 at Deshbandhu College, University of Delhi, New Delhi-110019.
- **An insight on Inducible humoral protein from insects: an attractive alternative to bacterial antibiotics**, Medha, Shailja, G., Tanya, S., Smriti, S. & Divya Ganeswari, M., 1st international conference on Integrative chemistry, Biology, and translational Medicine, New Delhi, from 25-26, February, 2019
- Poster presentation on “*In silico* analysis of selected Indian medicinal plants against Chikungunya viral infection” Laxmi Mishra, Kaveri Tyagi, Manisha Kumari, Shruti Khanna, Jupita Handique, Monika, Smriti Sharma, **Divya Ganeswari** and Neelam Sachdeva, in International conference and Outreach Program on “Environment & Ecology: Sustainability and Challenges” from 4-6 January, 2017, in Sri Venkateswara College, New Delhi.
- **"In vivo and in silico studies on immunostimulatory activity of *Solanum trilobatum*"**, poster presented in 10th symposium on Frontiers in Biomedical Research, Comprehending Genes@work: From structural biology to Drug Discovery, organized by Dr. B.R. Ambedkar Centre for Biomedical Research, University of Delhi from 29th – 31st October, 2015.
- **“Molecular Docking of triterpenoids present in neem leaf extract with ecdysone receptor of *Plutella xylostella* (L.) (Lepidoptera: Plutellidae)”**, Dr. Smriti Sharma, Dr. Neelam Sachdeva, Dr. M. Divya Ganeswari and Dr. Ashok Kumar Singh, poster presented in 10th symposium on Frontiers in Biomedical Research, Comprehending Genes@work: From structural biology to Drug Discovery, organized by Dr. B.R. Ambedkar Centre for Biomedical Research, University of Delhi from 29th – 31st October, 2015.
- Oral presentation on “**Study on Humoral Defense Factor Involved in the Innate Immune Responses of *Periplaneta americana***”, 2nd international conference on “Applied sciences, environmental engineering and energy technology for sustainable development” organized by Krishi Sanskriti on 14th Feb, 2015, JNU, New Delhi.
- **“Oral administration of *Solanum trilobatum* enhances specific immunity and disease resistance in *Oreochromis mossambicus*”** – 4th International symposium on “Biocontrol and Biotechnology” held at Lady Doak College, Madurai, during November, 2006.
- **“Enhancement of nonspecific immunity and disease resistance in *Oreochromis mossambicus* by *Eclipta alba*”** - 4th International symposiums on “Biocontrol and Biotechnology” held at Lady Doak College, Madurai, during November, 2006.
- **“Immunostimulation by water and Hexane soluble fractions of *Azadirachta indica* in *Oreochromis mossambicus*”**, - 7th Indian Fisheries Forum held at Bangalore during November, 2005.
- **“Stimulation of immunity in *Oreochromis mossambicus* following intraperitoneal administration of water and hexane soluble fractions of *Solanum trilobatum*”**, - 7th Indian Fisheries Forum held at Bangalore during November, 2005.
- **“Immunomodulatory activity of *Solanum trilobatum* leaf extracts in *Oreochromis mossambicus*”** – 6th Symposium on Diseases in Asian Aquaculture conducted at Colombo, Srilanka during October, 2005.

- **“Effect of *Eclipta alba* leaf extracts on the immune response of *Oreochromis mossambicus*”**- 6th Symposium on Diseases in Asian Aquaculture conducted at Colombo, Srilanka, during October, 2005.
- **“Immunomodulation by a few Indian medicinal plants in *Oreochromis mossambicus*”** - 6th Symposium on diseases in Asian Aquaculture conducted at Colombo, Srilanka during October, 2005.

Paper presentation in National conferences:

- Poster presentation **“Exploring the insecticidal activity of *Andrographis paniculata* against *Helicoverpa armigera* by docking”** Ahuja J. *, Singh A., Ganeswari M. D., Sharma S., in National conference on Insect plant biology in 21st century, Deshbandhu College, 4-5, November, 2019.
- Poster presentation on **“Effectiveness of various triterpenoids from neem in controlling insect pests: an *in-silico* approach”**, Shruti Khanna, Manisha Kumari, Kaveri Tyagi, Jupita Handique, Laxmi Mishra, Monika, Smriti Sharma, **Divya Ganeswari** and Neelam Sachdeva, in National Conference on Combating Industrial Pollution for Sustainable Environment A Fusion of Industrial and Scientific Efforts (CIPSE-2016), from September 22-23, 2016, Department of Chemistry, Gargi College, New Delhi
- Oral presentation on **“In silico analysis of compounds from Indian medicinal plants against Dengue virus, DENV”** Laxmi Mishra, Divya, Anjali Verma, Shraddha, Smriti Sharma and **M. Divya Ganeswari**, in National seminar on “A Paradigm Shift towards empowerment of Women” from 3-4 February, 2017, in Kalindi College, New Delhi.
- Poster at **“I2Tech-2008”** entitled **“Directed modification to attain increased stability and affinity of L-asparaginase from *Pyrococcus*”** at IIT Delhi, 2008.
- **“Influence of *Solanum trilobatum* leaf extracts on the antibody response and disease resistance in *Oreochromis mossambicus*”**, - Biomedicine in Aquaculture held at Kanyakumari, Tamilnadu, during March, 2006.
- **“Identification of antibacterial proteins in field crab”** –AQUA-TERR Annual Symposium conducted at Madurai Kamaraj University, Madurai.
- **“Cosmetics of Yester Years”** - National Symposium on “Medical Plants- Diversity utilization and conservation” in St. Joseph’s College, Trichy.

Seminars attended:

- Participated in **“Revisiting Wellbeing: Perspectives, Challenges, And The Road Ahead”** on 1st and 2nd Feb 2023 at Gargi College, Siri Fort Road, New Delhi.
- Attended National Seminar on **NAAC Revised Assessment and Accreditation Framework – An Approach** on 10th May 2022 organized by IQAC, Hindu College, University of Delhi, Delhi
- Attended a webinar on **“Managing References made easy using Mendeley”** on 25th May 2022, organized by University of Delhi/Elsevier
- Attended a webinar on **“Accelerate your research using Elsevier’s Scopus”**, at University of Delhi, on 11th February, 2022
- Participated in Three Days(Online) Lecture Series on **“NEP 2020: Delhi University Undergraduate Curriculum Framework 2022”** from 27th -29th January, 2022, organized by ILL, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre (MHRFDC), Hansraj College.
- Participated in **“Power your research with Scopus”** at University of Delhi/Elsevier on 23rd November, 2021
- Attended a virtual talk on **IVF** on July 23, 2021 organized by Department of Zoology, Deshbandhu college, New Delhi
- Participated in Women’s Conclave 2019 at JNU on March 8, 2019

- Participated in **DBT-Biotechnology popularization Program** on 2.8.2019, in Miranda House, University of Delhi under CTEP program of DBT.
- Attended a National Seminar “**Mentoring the Teacher-Mentors: Capacity Building Programme**”, from 19 to 20 Jan 2011, organized by The National Assessment and Accreditation Council (NAAC) & IQAC, Gargi College, University of Delhi, Delhi, In Gargi College, New Delhi
- Attended the 2nd Task Force meet under Star College Scheme, from 8-9th May 2018, in Gargi College, organized by DBT, New Delhi
- Organizing Committee member of Symposium on “**Wanderers of Nature: Exploring Wildlife**” organized by Gargi College on 12th March 2018
- Attended **Science Academies’ Lecture Workshop on *Ingenuity in Biological Sciences***, from 11-12 January, 2018 Organized by Department of Zoology, Gargi College, University of Delhi
- Attended one day workshop on collaborative learning Entitled, “eCognitio: An Innovative E-Learning Workshop Promoting Student Participation and Collaborative Learning” at Kamla Nehru College, University of Delhi, Delhi on 23th May 2016.
- Attended an interactive session on” Foldscope” held at Gargi College on 16 December 2015.
- Attended one day workshop on “**Biochemistry of Metabolic Processes**”, held on 2nd February 2015, Kirori Mal College, Delhi.
- Attended one day workshop on “**Data Acquisition and analysis**”, held on 15th September 2014, Department of Zoology, University of Delhi, Delhi.
- 1st international conference on “**Emerging Trends of Nanotechnology in drug discovery (INDD-2014)**”, organized by Sri Venkateswara College, University of Delhi and Department of Biochemistry, University of Delhi South Campus (UDSC), India in association with Centro de Quimica da Madeira (CQM), university of Madeira, Portugal, from May 26-27, 2014.
- One Week International Workshop entitled, “**New Frontiers in Global Learning and Communications**”, December 2013 – 2nd January 2014 at Shaheed Raj guru College of Applied Sciences for Women University of Delhi in collaboration with University of Massachusetts Boston.
- One day Workshop on “**Culture of Responsibility**” By American Society for Microbiology, 2nd September 2013 at Maitreyi College, University of Delhi
- International conference on “**Bioworld 2012: Proteins in disease and disorder**” conducted by Kusuma school of biological sciences, Indian Institute of Technology, Delhi, from 10 – 12th December, 2012.
- National symposium on “**Frontier areas in plant biotechnology**”, conducted by Department of Botany and Microbiology, Lady Doak College, Madurai, Tamilnadu
- International conference on “**Disease management for Sustainable Fisheries**”, conducted by Department of Aquatic Biology and Fisheries, University of Kerala, Kariyavatom, Trivandrum.
- “**Recent Development in Human Genome Project**” conducted by DBT in Bharathidasan University, Trichy.
- “**Biology in the New Millennium**” Conducted in Lady Doak College, Madurai.

Workshops attended:

- Participated in one week international workshop on **Computational Genomics for NGS data analysis: Concepts, Methods and applications**, from 26-30th November, 2022, organized by Delhi School of public Health, Institute of Eminence, University of Delhi, India - DBC I4 Center Deshbandhu College, (University of Delhi), New Delhi, India - Hansraj College, North Campus (University of Delhi), New Delhi, India - Dr.M.G.R Educational & Research Institute University, India - NyBerMan Bioinformatics Europe, Orleans, France - Quanta Calculus Pvt Ltd, India.

- Participated in online workshop on "**In-Silico Epitope Mapping & Vaccine Designing**" from 16 - 22 February, 2022, organised by CytoGene Research & Development, Lucknow.
- Participated in E-workshop on "**Development of Chick and mouse embryos: experiments and Molecular techniques**" on 12th March, 2022 organised by Department of Zoology, Deshbandhu college, New Delhi
- Participated in the **Workshop on Sexual harassment of women at workplace Act, 2013**, on 24th and 25th February, 2020, in Jawaharlal Nehru University, New Delhi
- Attended one day workshop on "**Biochemistry of Metabolic Processes**", held on 2nd February 2015, Kirori Mal College, Delhi.
- Attended one day workshop on "**Data Acquisition and analysis**", held on 15th September 2014, Department of Zoology, University of Delhi, Delhi.
- One Week International Workshop entitled, "**New Frontiers in Global Learning and Communications**", December 2013 – 2nd January 2014 at Shaheed Raj guru College of Applied Sciences for Women University of Delhi in collaboration with University of Massachusetts Boston.
- One day Workshop on "**Culture of Responsibility**" By American Society for Microbiology, 2nd September 2013 at Maitreyi College, University of Delhi
- Workshop on "**Role of Bioinformatics in Genomics**" in Bioinformatics Infrastructure Facility (BIF), Gargi College, from 27th – 28th December, 2012.
- Workshop on "**Disaster Management**" in Centre for Professional Development in Higher Education, University of Delhi, from 20th – 22nd December 2012.
- Workshop on "**Introduction to Bioinformatics**" in Life Long Institute oot Delhi University organized by Zakir Hussain College, from 16 – 20th January, 2012.
- Theoretical workshop on **Recent Trends in Biotechnology, Bioinformatics and metabolic pathway engineering, MGM Institute of Biosciences and Biotechnology**, Aurangabad from 29th Jan to 3rd Feb 2008.
- Workshop on "**Biological Data Handling**" held at Lady Doak College, Madurai – 2 from Aug 9 –12, 2006.
- Workshop on "**Phytochemical screening Techniques and Plant tissue culture**" held at Centre for Advanced studies in Botany, University of Madras, Chennai – 25 from Jan 19 – 24, 2005.
- Summer School on "**Disease Diagnosis and Health management of freshwater fish and Shellfish**" organized by ICAR held at Central Institute of Freshwater Aquaculture, Orissa, India from July 6 – 26, 2004.

Faculty Development Program:

- Attended "**25th Refresher course in life sciences and Biotechnology**" from 28th December 2020 to 9th January 2021, organised by HRDC, JNU, New Delhi
- Attended Refresher Course in **Environmental Studies** from 12th November to 7th December, 2018, organised by HRDC, JNU, New Delhi
- **Attended an Orientation Program, OR-88 on "Grooming of Indian Talent in Modern Perspective"** from 31st May 2017 to 28th June 2017, in CPDHE, Delhi University

S. No	Details	Place	Period		Sponsoring/ Organising Agency
			From	To	
1	One week national online – FDP on Research Methodology: Tools	Atma Ram Sanatan Dharma College	5 th June 2020	11 th June, 2020	MHRD, PMMMNMTT, Teaching Learning Centre, Ramanujan College (University of Delhi).

	and Techniques				
2	Certificate Course on Digital Teaching Techniques	ICT Academy	29 th June, 2020	4 th July, 2020	ICT Academy
3	One-Week Online Faculty Development Programme on “ E-Learning Platform ”	E&ICT Academy IIT Guwahati	07 th September, 2020	14 th September, 2020	IQAC, Barnagar College, Assam and support from Mantra Associates.
4	One week online FTP on ‘ Pedagogical Training for effective online teaching and learning	DDU, and KTHM, Nashik	3 rd August, 2020	10 th August, 2020	IQAC and DBT star college program, DDU, (University of Delhi).
5	FDP on ICT based new paradigms of E-Teaching and E-learning	Matasundri College and Ramanujam College	15 th Sep, 2020	30 th Sep, 2020	MHRD, PMMMNMTT, Teaching Learning Centre, Ramanujan College (University of Delhi).
6	International Workshop on ‘Whole Genome assembly, Annotation, Comparative Genomics, Machine Learning, and Immunoinformatics’	Nextgenhelper, New Delhi	July 25, 2020	July 28, 2020	Nextgenhelper, New Delhi
7	FDP- “ Environmental Audit ”	KMC and PMMMNMTT, Mizoram University, Aizwal	28 th June 2021	2 nd July 2021	KMC and PMMMNMTT, Mizoram University, Aizwal
8	FDP - “ Computational Approach to Drug Discovery ”	Deshbandhu College, University of Delhi in collaboration with MHRFDC, Hansraj College	2 nd Aug ust, 2021	7 th Aug ust, 2021	Deshbandhu College, Mahatma Hansraj Faculty Development Centre (MHRFDC), Hansraj College
9	FDP on Teaching and Research Practices	Jaypee University of Information and Technology, Himachal Pradesh	5 th June, 2023	10 th June, 2023	Department of Biotechnology and Bioinformatics, Jaypee University of Information and Technology, Himachal Pradesh

Academic Achievements:

1. **Academic prize** in Zoology in M.Phil., The American College, Madurai-9
2. **Sr. Dona Endowment Gold model** (2003) for the best out gone student in M.Sc., Holy Cross College, Trichy – 620006.
3. **Sr. Dona Endowment Gold model** (2002) for the best outgoing student in M.Sc., Holy Cross College, Trichy – 620006.
4. Proficiency Prizes.

Course	Name of the Institution	Subject	Prize
B.Sc.	Lady Doak College, Madurai.	Zoology	III
B.Sc.	Lady Doak College, Madurai.	Chemistry	I
M.Sc.	Holy Cross College, Trichy.	Zoology	I

Technical Qualification

- Diploma in Computer Application
- Diploma in Office Automation