



Dr. N. Divya
Associate Professor
Biochemistry

Contact

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Email ID : elanya.87@gmail.com

Academic Qualification : Ph.D with SLET

Teaching Experience : 12 Years

Research Experience : 6 months

Area of Specialization / Interest:

Plant Biochemistry, Clinical Biochemistry, Nanotechnology

Publications:

Intentional		National		Others
Journals	Conference	Journals	Conference	Book Chapters

7	7	1	3	Nil
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Patent Files / Published:

Nil

Achievements & Awards:

- B.Sc., Biochemistry university 4th Rank holder
- Qualified SET Life sciences 2012

Events Organized (Workshop / Seminar / Conference): Nil

Sl. No	Type	Events Title	Date	Venue
1	Seminar	Applications of Nanotechnology & ethical issues	05.07.2019	College Auditorium
2	Seminar	Nucleic acid and DNA structure	29.11.2019	College Auditorium
3	Seminar	Nucleic acid & RNA Structure and importance	27.11.2018	College Auditorium
4	Seminar	Beta-oxidation of lipids and Energy Metabolism	9.12.2017	College Auditorium
5	Seminar	Metabolic interrelationship and Applications of Secondary Metabolites	22.06.2017	College Auditorium
6	Seminar	Applications of Nanotechnology and Nano toxicology	21.12.2016	College Auditorium
7	Seminar	Electron Transport Chain and oxidative phosphorylation	25.06.2016	College Auditorium

Events Participated (Workshop / Seminar / Conference): 9

Sl. No	Title of the Events	Date	Venue / Organized by
1.	State Level Seminar on "Nanotechnology In Biology and Medicine" (Presentation)	2 March 2009	Holy Cross College, Trichy
2.	One day Awareness Programme for women NSS Programme officers on " Menstrual Hygiene Management"	30 August 2011	Department of women studies and NSS Bharathidasan University Trichy

3.	National symposium on “ current perspectives in animal biotechnology”	3 and 4 February 2011	Department of Animal Science Bharathidasan University Trichy
4.	Silver jubilee symposium on bioinformatics BTISNet in India	2 February 2011	Department of Biotechnology, Pondicherry University
5.	Regional Level seminar on “ Emerging Trends in Biochemistry and Hospital Management”	26 September 2008	Indian Medical Association and Shrimati Indira Gandhi College, Trichy
6.	National Level Seminar On Marketing Strategies And Trade Promotion Of Herbs And Herbal Products	27 - 28 January 2007	Srimad Andavan Arts and Science College Trichy
7.	Two day State Level Seminar on Management of Diabetes	23 and 24 September 2005	Srimad Andavan Arts and Science College Trichy
8.	One day National Seminar on Nano materials	23 March 2018	RVS Kumaran arts and science college, Vaiyam patti, Dindugul, Tamilnadu
9	One day international conference on Recent Advancements in Therapeutics	17August 2022	Shrimati Indira Gandhi College, Trichy (Paper Presentation)

FDP / Training Programs: 2

Sl. No	FDP Name	Date	Conducted by
1	National level five days Faculty Development Programme on “ Digital Transformation & innovation in Biological sciences – redefining role of 2K teachers	26.07.2021 to 30.07.2021	PG Department of Biochemistry, Holy cross College , Trichy
2	Orientation for NST course	1.3.2018 to 2.3.2018	Department of Nano science and Technology, TNAU Coimbatore

Resource Person / Invited Talks / Other Representations: 1

Sl. No	Topic	Date	Role	Venue / Organized by
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1	Over all Aspects of Plant Biochemistry	1.12.2017	Guest faculty	Dhanalaksmi Srinivasan college, Perambalur

Memberships:

Nil

List of Publication

1. M.Shakeera Banu, K.Sujatha, W.Sherly beena and **N.Divya**. Antihyperglycemic and Antioxidant potentials *Psidium guajava* and its isolated fraction in alloxan-induced diabetic rats. Research journal of pharmacy and Technology.5(4):April 2012
2. Arumugam Vijaya Anand, Mubarack Muneeb, **Natarajan Divya**, Ramalingam senthil, Mohamed Mydeen Abdul Kapoor, Jeyaraman Gowri, and Tajuddin Nargis Begum. International Journal of Biological and Medical Research. 2011; 2(1):369-373
3. **N. Divya** and S.Ilavenil Hypoglycemic and Hypolipidemic Potentials of *Psidium guajavain* Alloxan induced diabetic rats. Research journal of pharmacy and Technology Jan 2012 5(1)
4. **N. Divya** and A. Vijaya Anand Phytochemical investigation and in vitro anti-diabetic activity of *Terminalia catappa* leaves. *International Journal of Phytopharmacy Research* Article Vol. 4 (5), pp.001-003, Sep-Oct 2014.
5. Arumugam Vijaya Anand, **Natarajan Divya** Pannerselvam Punniya Kotti, An updated review of *Terminalia catappa* pharmacogony reviews Review article vol 9/ issue 18/ Jul-Dec 2015. (PubMed)
6. **Divya** and vijaya anand *in vitro* antioxidant activity of Ethanolic extract of *Terminalia catappa* leaves. *Asian journal of pharmaceutical and clinical research* Vol 8, Issue 5, 2015 . (scopus)
7. **Natarajan Divya**, R.L. Rengarajan, Ramalingam Radhakrishnan , Elsayed Fathi Abd_Allah , Abdulaziz A. Alqarawi, Abeer Hashem, Ramasamy Manikandan, Arumugam Vijaya Anand Phytotherapeutic efficacy of the medicinal plant *Terminalia catappa* L. Saudi Journal of Biological Sciences., 2018.12.10.
8. **Natarajan Divya** and Arumugam Vijaya Anand, Antioxidant potentials of *Terminalia catappa* leaf extract in Streptozotocin induced diabetes in rats. Indian J. Anim. Res., DOI:10.18805/ijar.v0iOF.4552, (1-5), 2017. (SCI)

Additional / Special Qualification if any:

- I actively participated in all the cultural events and got prizes during my study period
- Completed Diploma in Computer application at Tamilnadu Software college
- Completed Diploma in medical laboratory Technology at Bharathidasan university