



BIO-DATA

Dr. N.KIRUTHIGA, M.Sc., M.Phil., B.Ed.,Ph.D

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1. Educational Qualifications

Ph.D-Biotechnology (part Time), Jan 2018, St.Peters University , Chennai

B.Ed -Physical education in Krishna college krishnagiri.

M.Phil-Biotechnology,Bharathidasan University ,Trichy

M.Sc- May – 2001,Harur Muthu Arts and Science College (Periyar University), Harur

B.Sc-Biochemistry, April – 1999, M.G.R College,(Madras University)Hosur

2. **Teaching Experience** : 19 Years

3. **Research Experience** : 10 Years

4. **Field of Research** : Cancer work in different cell lines

5. **Research Publications** : 12

6. No. of Conference/Seminar Organized : 10

7. Paper presentation in conferences : 10

8. Conferences / Workshop/ Symposium / FDP attended : 55

9. No. of Students Guided

M.Sc : 53

M.Phil : 12

Ph.D : nil

10. Awards:

The “**Best Women in teaching profession**” award given by JCI ,Krishnagiri on 8/3/2024.

11. Invited Lecture:

1. The Resource person of “**Food and Nutrition**” organized by Tamilnadu State Council for Science and Technology (TNSCST), Chennai from 14.09.2019.

2. A Guest speaker in Science Symposium organized by Department of Zoology topic-**prevention of cancer**, Arignar Anna college arts and scienceArts and Science, pollupalli.

3. Chief Guest Address for “**Inauguration of Science Exhibity** organized by Velankanni matric Hr,Sec School,Shoolagiri on 26/1/2023,

4. The Resource person in Nehru yuvakendra for youth andsports central govt association . topic - **Hygiene food**.

5. A judge in Velankani Public School for “**Culturals activity** on 12/3/2023 in Krishnagiri.

6. A judge in “**Facial painting**” Arignar anna arts and science college for “**Comfest**” organised by Commerce Department on 12/4/2024.

6. A judge in Chaitnaya Techno School for “**Science Expo -2024**” on 13/4/2024 in Krishnagiri.

12. Membership in the University:

Periyar University PG – Biotechnology Central Board of Studies Member for 3 years (2018-2023)

Periyar University UG – Biotechnology Central Board of studies for 3 years (2023-2026)

13. Evaluation Board

Periyar University UG – Biotechnology Central Valuation Board Chairman for 5 years (2010-2015)

Periyar University M.Phil – biotechnology Central Valuation Board

Periyar University PG -Biotechnology Central Valuation Board member till date.

14. Organiser /convenor:

A organiser for Two Day work shop on **Bioinformatics tools and its application** on 21 and 22 sep2012

Organiser for ‘**National seminar on genetic disorders**’ on 2018.

Organiser for **Plant tissue culture and transformation techniques** on 10/10/2019.

A guest speaker on ‘**Cancer therapy**’ in webinar "**cancer therapy and its prevention-bioasfty biotechnological acted as application of marine microbes** “and also organizer’ on 14/9/202.

Organiser for National seminar on “**current scenario on environmental impact on human health**” on 16/11/2022..

Convenor for One day national Seminar on “**Current Trends in Clinical Aspects**” “by organised by life science department Arignar Anna College (arts & science) on 5/3/2024

15. Member in Question Papers Setting

UG & PG Question Papers Setting in Karpagam College, Coimbatore 2023

UG & PG Question Papers Setting in Selvam College, Namakkal from 2013 onwa

Research Articles Published

- **N.Kiruthiga** and D.Sathish Sekar 2014. Studies on phytochemicals and Steroid isolation from N-Hexane Extract of *Anisochilus carnosus*. International journal of advanced biotechnology and research (IJBR). ISSN 0976-2612, Online ISSN 2278-599X, Vol5, Issue 3, 2014, pp337-345.
- **N.Kiruthiga** and D.Sathish Sekar 2014. Anticancer activity of ethanol Extracts of *Anisochilus carnosus* in Human- lung caner A549 Cell lines. International journal of current research. Vol,6 issue xx,pp,xxx-xxx,Novermbe,2014,ISSN:0975-833X
- **N.Kiruthiga** and D.Sathish Sekar 2014, The in-vitro antimicrobial and antioxidant potential of ethanolic leaf extracts of *Anisochiluscarnosus*. International journal of innovative Research in science, Engineering and Technology. An ISO 3297:2007 certified organization vol.3, Issue5 May 2014 ISSN: 2319-8753.

- **N.Kiruthiga** ,S.Umamaheswari, A.Shabeena begum , S.Dhanapal &caroline Rose ,2023. Phytochemical analysis and pharmacognostic screening of silver nanoparticles synthesized by Bougainvillea glabra leaf extracts, an ornamental shrub of melagiri hills world journal of pharmacy and pharmaceutical sciences. ISO 9001:2015 Certified Journal. ISSN 2278-4357, VOLUME 12, Issue 2, 17797-1210.
- **N.Kiruthiga**, G.Punithavathi, D.Sathish Sekar and P.Megala 2021, Antioxidant and antimicrobial activity of Coleus amboinicus Leaf extract. Life science archives (LSA) ISSN2454-1354. Volume-7 Issue-4 year-2021,page;2185-2188.
- **N.Kiruthiga**, G.Punithavathi, D.Sathish Sekar and P.Megala 2021, Antioxidant and antimicrobial of eclipta prostrata leaf extract ,Journal of academia and industrial research (JAIR) Volume10, issue 1 page 5-7.ISSN 2278-5213.

(Dr.N.KIRUTHIGA)