


**FACULTY
PROFILE**

Name	Mr.C.A.Akilan	Email	akilan.samy@gmail.com	
Qualification	M.Tech	AU Faculty Code	4212029	
Designation	Assistant Professor	Ph.D. Completed Institution	-	
Experience at Shreenivasa Engg. College	1 year 7 months			
Date of Ph.D. Completed		Joining Date	10-08-2020	
Experience after Ph.D.				
Qualification				
Degree	Name of the Institution	University	Year of Passing	
M.Tech.	Anna University, Trichy	Anna University, Chennai	2010	
B.Tech.	Government College of Technology, Coimbatore	Anna University, Chennai	2008	
Experience				
Institution/ Company	Designation / Position	Duration	Experience in Years	Cumulative Experience
Karpaga Vinayaga College of Engineering and Technology	Assistant Professor	2012-2018	6 yrs	6 yrs
Shreenivasa Engineering College	Assistant Professor	10.08.2020 to till date	2 yrs	8 yrs
Publications				
Category	Journal	Conference	Total	
National	4	4	8	
International	2	3	5	
Consultancy	-	Total Publications	6	
Product Development	-	PG Project. Guidance	5	
Awards and Achievements :-				

Journal Publications (National & International)

- Published a paper on the topic **“Antibacterial activity of *Solanum esculentum* and *Solanum trilobatum* and Isolation of bioactive compounds** “on the **“International Journal of Agriculture, Environment and Biotechnology”** Volume 4, No.3: September 2011: page no. (225-231).
- Published a paper on the topic **“Antibacterial activity of *Solanum nigrum* and isolation of Bioactive compounds”** on the **“Research and Reviews: A Journal of Biotechnology”** ISSN: 2231-3826, Special issue 2013: page no. (17-23).
- Published a paper on the topic **“Semen preparation techniques and its comparative analysis for assisted reproductive technology (ART)”** on **World Journal of Pharmaceutical Research**, Volume 2, Issue 6: page no.(2936-2949).
- Published a paper on the topic **“Comparative analysis of phytochemicals , antibiogram of selected plants in Solanaceae family and its characterization studies”** on **International journal of Pharmacy and Pharmaceutical Sciences** , vol 6 , (under publication).
- Published a paper on the topic **“Bioreduction Based Synthesis of Silver Nanocoats and their Application in Development of Nano Embedded Medical Fabrics”** on **International Journal of Pharmaceutical Sciences Review and Research**, August 2014; Article No. 33, Pages: 210-215.
- Published a paper on the topic **“Antimicrobial Activity of selected medicinal plants in Kanchipuram district against cold”** on **International Journal of Recent Trends in Engineering and Research (online)**, 2017.

International & National Conferences

- Presented a paper in the **National conference on ‘Recent trends in Bio-Chemical Engineering’** held at Vel Tech Engineering College on 16-08-2012.
- Presented a poster in **Avidadham’13** held at Anna University, Chennai, and 28-31 January, 2013.
- Attended an **International workshop on ‘Research methodology’** held at KVCET on 03-04-2013.
- Presented a paper in **National level conference on ‘Frontiers in Biotechnology and its Imminent Pertinence’** on 28th February 2015 at Shri Andalalagar College of Engineering.
- Presented a paper in **National level conference on ‘Applications of Green technologies for Separation of Bioproducts’** on 2nd & 3rd September 2015, at Sree Sastha Institute of Engineering and Technology.
- Presented a paper in the **5th International Conference on ‘Technology Development on Agriculture, Energy and Environmental Engineering for Green World’** held at Vivekanandha College of Engineering for Women, on 18th&19th February 2016.

- Presented a poster in **International conference on ‘Applications of Natural Products and Opportunities Ahead’** held on 2nd & 3rd August 2016 at B.S.Abdur Rahman University.
- Presented a paper in the **National conference on ‘Futuristic trends in Biotechnology and Computational biology’** held on 13th-14th October, 2016 at VIT University.
- Presented a paper in the **National Symposium on ‘Biotechnological Applications in the fields of Agriculture, Energy and Healthcare’** on 30th January 2018.

FDP attended

- Attended FDP programme held during 12th-24th June 2017 at Karpaga Vinayaga college of Engineering and Technology.
- Attended 5 days FDP programme on Instructional Design & delivery held at Karpaga Vinayaga college of Engineering and Technology from 18th to 22nd June, 2013
- Attended FDP programme on New Faculty Induction Programme held at Karpaga Vinayaga college of Engineering and Technology from June 28 to July 4, 2012.

Projects guided

- Antimicrobial, antioxidant and anticancerous studies on *Dodonaea viscosa* leaf extracts against human breast cancer cell line
- Production of biodiesel from oil mill waste and Palm oil using egg shell biocatalyst
- Anticancerous activity of lectin conjugated liposomes from the seeds of *enterolobium cyclocarpum*
- Production and characterization of biodegradable plastic from millets
- Antimicrobial activity of selected medicinal plants in kanchipuram dt. Against cold