



K.S.RANGASAMY COLLEGE OF TECHNOLOGY
TIRUCHENGODE – 637 215
An Autonomous Institution, Affiliated to Anna University, Chennai
DEPARTMENT OF BIOTECHNOLOGY



GENERAL INFORMATION



Name of Faculty : Ms. M. Nithya

Date of Joining	:	16-05-2011	
Department	:	Biotechnology	
Designation	:	Assistant Professor	
Home Address	:	T3 Staff Qtrs K.S.R.C.T Tiruchengode Namakkal – 637 215	
City : Tiruchengode		State: Tamil Nadu	Pin Code: 637 215
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EDUCATIONAL CREDENTIALS (STARTING WITH PG DEGREE)*

Degree	Year	University	Discipline/Specialization
M.Phil.,	2006	Vivekanandha College of Arts and Science for Women	Biotechnology
M.Sc.,	2005	K.S.Rangasamy College of Arts and Science	Biotechnology
B.Sc.,	1991	Vellalar college for Women, Erode	Biochemistry

EXPERIENCE

a). ACADEMIC EXPERIENCE (STARTING FROM CURRENT)*

Organisation Name & Address	Designation	Job Description	From	To
K. S. Rangasamy College of Technology, Tiruchengode.	Assistant Professor	Teaching	16.05.2011	Till date
Vivekanandha College of Arts and Science for Women	Lecturer	Teaching	04.04.2007	20.02.2010

Awards and Achievements

Fellow[ship/ Awards received:

Young Scientist award

- Received Student Projects (2013-2014) from Tamil Nadu state council of science and Technology Chennai, entitled “Extraction and Purification of Scleroprotein obtained from Spider Web” for the year 2013- 2014. TNSCST/ MS-22

Details of DNA Sequence submitted at NCBI, Maryland, USA.

S.No	Name of the organisms	Authors	Reference Number	Remarks
1.	<i>Streptomyces enissocaesilis</i>	M Nithya , P. Ponmurugan, K C. Thirumurthy, B.M. Gnanamangai, S Rubavathi, S Naresh, R. Mohanraj, T Heela Prabha, N Karthik, J Philip Robinson and K Arun Prasath	MK178496	Published
2.	<i>Streptomyces mutabilis</i>	M Nithya , P. Ponmurugan, K C. Thirumurthy, B.M. Gnanamangai, S Rubavathi, S Naresh, R. Mohanraj, T Heela Prabha, N Karthik, J Philip Robinson and K Arun Prasath	MK168592	Published

Papers published

1. **Nithya, M.**, Ponmurugan, P., Gnanamangai, B.M., Robinson, J.P., Mathivanan, N. and Senthilkumar, J. 2020. Evaluation of different native *Streptomyces* spp. for effective management of rhizome rot of turmeric. *Journal of Applied Botany and Food Quality* **93**: 225-233. [**Impact Factor: 1.20**].
2. **Nithya, M.**, Ponmurugan, P. and Gnanamangai, B.M. 2020. Isolation and characterization of *Streptomyces* spp. from turmeric plantation soils for antagonistic activity against *Pythium aphanidermatum*, a causal pathogenic organism of rhizome rot disease of turmeric plants. *World Journal of Pharmacy and Pharmaceutical Science* **9** (4): 1385-1394.
3. **Nithya, M.**, Ponmurugan, P. and Gnanamangai, B.M. 2020. Studies on population density of different Bioinoculants in Turmeric plantation soils for biocontrol activity. *International Journal of Pharmaceutical Biological Sciences* **8** (2): 01-06.
4. Mohanraj, R., Gnanamangai, B.M., Poornima, S., Oviyaa, V., Ramesh, K., Vijayalakshmi, G.R., **Nithya, M.**, Karthik, N., Ponmurugan, P. and Robinson, J.P. 2020. Decolourisation efficiency of immobilized silica nanoparticles synthesized by actinomycetes. *Materials Today Proceedings*.

WORKSHOP / TRAINING :

1. Participated in "E-learning Program on Bioinformatics as Cartographic Tool in Drug Discovery" organised by Alagappa University, Karaikudi from 19th to 30th May, 2020.
2. Participated in "Lecture Series on Recent Trends" organised by P.S.R Engineering College, Sivakasi from 22nd to 25th May, 2020.

FDP:

1. Participated in Faculty Development Programme on LaTeX organised by Nirmala College for Women from 17th to 21st June, 2020.
2. Participated in "Advancements in Biotechnology and Chemical Engineering (ABC-2020)" organised by Vel Tech High Tech Dr. Rangarajan Dr.Sakunthala Engineering College, Chennai from 8th to 19th June, 2020.
3. Participated in "Teachers and Technology" organised by Holy Cross Home Science College,Thoothukudi on 11th May, 2020.

SYMPOSIUM / CONFERENCE:

1. Participated in two day international web conference "BIOINVENTIYON' 20 - Advances in Bioscience" organised by National Institute of Plant Science Tech (NIPST) and School of Biosciences, Mahatma Gandhi University in association with Research Directorate and Internal Quality Assurance cell (IQAC), SIAS on 5th and 6th November, 2020.
2. Participated in "Novel Biotechnological Approach to Sustain in Pandemic Scenario" organised by Department of Biotechnology and Research, SNMV CAS, Coimbatore from 18th to 21st May, 2020.

SEMINAR / WEBINAR:

1. Participated in "Role of Nanotechnology in Microbiology" organised by K.S. Rangasamy College of Arts and Science, Tiruchengode on 1st July, 2020.
2. Participated in "Wastewater Treatment and Characterization Techniques - Hands on Experience" organised by K.S. Rangasamy College of Technology, Tiruchengode from 17th to 22nd August, 2020.
3. Participated in "Web Series Programme on COVID-19 Virus" organised by Nature Science Foundation, Coimbatore on 10th May, 2020.
4. Participated in "ITC and its Data Analysis using Dynamic Approach" organised by Karpagam Academy of Higher Education,Coimbatore on 18th May, 2020.
5. Participated in "Decoding COVID-19" organised by Sree Narayana Guru College, Coimbatore on 16th May, 2020.
6. Participated in "Application of Statistics in Research" organised by "Sadakathullah Appa College Tirunelveli on 27th May, 2020.
7. Participated in "Global Perspectives in Biotechnology" organised by P.S.R Engineering College, Sivakasi from 11th to 15 May, 2020.
8. Participated in "Boost your Immune System by Natural-Biotics" organised by RV College of Engineering, Karnataka on 12th June, 2020.

9. Participated in "Academic Excellence-Unlock your Potential" organised by UGC PARAMARSH SCHEME from 10th to 16 December, 2020.

STTP:

1. Participated and completed successfully AICTE sponsored 6 days online Short Term Training Program (STTP) on "An Awareness Programme Green Engineering Concepts and Treatment Methods for Farmers in Rural Area" Series-11 organised by Paavai Engineering College, Namakkal from 8th to 13th, November 2020.