

**Prof.SujathaPeela, Ph.D.**

Executive Council Member, Principal, Collège of Science  
Dean R&D and Foreign Relations, Coordinator- IQAC  
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## Training

Degree	Year	Institution	Area
Post Doctoral Fellowship	2006-08	University of Chicago, USA	Cancer Biology, Immunology
Ph.D.	2001-05	Andhra University, INDIA	Biotechnology
M.Sc.	1996-98	Andhra University, INDIA	Biotechnology

## I. Papers published in International & National Journals

1. Balney Rajitha,, Rama Rao Malla,, Ramakrishna Vadde,, Prameswari Kasa, Ganji Lakshmi Vara Prasad,, Batoul Farran, Seema Kumari, Eluri Pavitra,Mohammad Amjad Kamal, Ganji Seeta Rama Raju, **Sujatha Peela**, Ganji Purnachandra Nagaraju. 2019. Horizons of nanotechnology applications in female specific cancers. *Seminars in Cancer Biology (In Press)*.
2. Rama rao malla, seema kumari,, anil kumar badana, murali mohan gavara, shailender guganavath, **Sujatha Peela** 2019. Cytoprotective and antioxidant activity of pyrrolopyrazine compound isolated from marine *aciditerrimonas ferrireducens* *Brazilian journal of pharmaceutical sciences (In Press)*
3. **Sujatha Peela**,Veeranki Girijashankar, Sunil Prasad Dhanunjay Ponamgi, Nagavalli Mandali, Ganji PurnachandraNagaraju. 2019. Novel Tetracycline SBR-22 is a functional moiety deviation and bioactive against multidrug resistant strains. *Process Biochemistry. 85,213-218*.
4. Batoul Farran, EluriPavitra, Prameswari Kasa, **Sujatha Peela**, Ganji SeetaRama Raju, Ganji Purnachandra Nagaraju. 2019. Folate-targeted immunotherapies: Passive and active strategies for cancer. *Cytokine & Growth Factor Reviews.45, 45-52*.
5. Bhaskar Lakkakula, Batoul Farran, Saikrishna Lakkakula, **Sujatha Peela**, Nagendra Sastry Yarla, Bramhachari P.V., Mohammad Kamal, Madhu., Sudhana Saddala, Ganji Purnachandra Nagaraju. 2019. Small molecule tyrosine kinase inhibitors and pancreatic cancer -trials andtroubles. *Seminars in Cancer Biology, 56, 149-167*.
6. Pola Sudhakar, Priyanka K, Angela E. Peter, B. V. Sandeep, M. Rajeswari, B. Ganga Rao, **P. Sujatha**. 2018. A Study on the proximate composition and nutritive value of local tree almonds, Prunusamygdalus. *Annals of Plant Sciences 7.6, 2363-2372*.
7. Neha Merchanta, Lakkakula V.K.S. Bhaskar,SaimilaMomina, **Peela Sujatha**, Aramati B.M.Reddy, Ganji Purnachandra Nagaraju, 2018. 5-Lipoxygenase: Its involvement in gastrointestinal Malignancies. *Critical Reviews in Oncology / Hematology*127, 50–55.
8. **Sujatha Peela**, SwethalathaPorana 2017.Isolation and screening of novel streptomycetes from sediments of bay of bengal near srikakulam coast. *International Journal of Current Pharmaceutical Research. 9(1): 40-44*.
9. **SujathaPeela**, KondalaraoMajji 2016. Phytochemical analysis, antimicrobial and cytotoxic activities of *Phyllanthusniruri*.*European Journal of Biomedical and Pharmaceutical Sciences 3(12): 605-610*.

10. **Sujatha Peela**, Lalitha Sridevi Nimmakayala, Sankarrao Mudadla 2016. Ethnomedicinal Practices of Savara Tribes From Eastern Ghats Near SeethampetaMandalof Srikakulam, AP, India. *World Journal of Pharmaceutical Research*5(11): 925-933.
11. **Sujatha Peela** 2016. Anticancer activity of crude extracts of two sponges, *fasciospongia cavernosa* doc var. brown & *fasciospongia cavernosa* doc var. yellow. *International Journal of Pharma and biosciences* 7(1): (P) 66-69.
12. **SujathaPeela** and Chandra SekharBoddu 2015. Infective and nutritionally deficient disease status in tribal population of seethampetamandal of Srikakulam, Andhra Pradesh. *World Journal of Pharmacy and Pharmaceutical Sciences*, 4 (11) :1528-1538.
13. **Sujatha Peela** and SwethalathaPorana 2015. Investigation on the distribution of ABO and Rh Blood Groups in thepopulation of Allinagaramvillage, Srikakulam District. *Journal of Chemical and Pharmaceutical Research*, 2015, 7(5):703-709.
14. **Sujatha Peela**, Deepikadivyakadiri, Nareshgorle,Krishnakanthvaradarajupeetala. 2015. Isolation and identification of promising ammonifying and nitrifying bacteria from agricultural fields of Visakhapatnam. *International journal of pharma and bio sciences*. 6(2): (b) 1309 – 1317.
15. Nagavalli Mandali,V. Girijashankar,S. P. D. Ponamgi, **Sujatha Peela**,L. Venkateswara Rao 2014. Rifamycin SV production using immobilized cells of *mycolatopsismediterranei* OVA5-E7 in different matrices. *Journal of Chemical and Pharmaceutical Research*. 6(9):298-306.
16. Deepika Divya Kadiri, Naresh Gorle, Krishnakanth Varada Raju Peetala, **Sujatha Peela** 2013. Isolation, screening and identification of Phosphate solubilizing bacteria from different regions of Visakhapatnam and Araku Valley.*International Journal of Advanced Biotechnology and Research*. 4( 4),518-526.
17. **Sujatha Peela** ,DhanunjayPonamgi ,Nagavalli Mandali, Ramana Terli 2012.Mutation induced enhanced production of novel antibiotic SBR-22 by *Streptomyces psammoticus* BT-408(MTCC- 4902).*Journal of Pharmacy research*. 5(8),4480-4483.
18. P Shamsher Kumar, E Radakrishna, **P. Sujatha**,B.Veerendra Kumar 2012. Screening and Isolation of bioactive Microorganisms from *Fasciospongia cavernosa* from Visakhapatnam coast of Bay of Bengal. *Journal of Chemistry*. 9(4), 2166-2176.
19. Radakrishna, E Shamsher Kumar **P., Suajtha Peela**. 2011. Taxonomy extraction and TLC Bioautographymarine sponge isolated bacterium Bacillus subtilis (MTCC No 10619) for the production of antimicrobial metabolites. *Developmental Microbiology and Molecular biology* 2, (1) 29-36.
20. Nallbilli Lokeswari, **Peela Sujatha**. 2011. Isolation of Tannins from *Caesalpinia Coriaria* and effect of physical parameters. *International Research Journal of Pharmacy*. 2(2)146-152.
21. Radhakrishna E, Shamsher Kumar P, **Sujatha P.** 2011. Optimization of marine sponge isolated bacterium Bacillus Subtilis (MTCC No.10619) for the production of antimicrobial metabolites. *Asian Journal of Chemsitry*, 23(6) 2779-2781.
22. Preston B.Landon, Jose J.Gutierrez, Taylor, Sara A. Alvarado, **Sujatha Peela**, Srinivasan Ramachandran, Fernando Teran Arce and Ratnesh Lal. 2008. Hollow Disc and sphere shaped particles from Red Blood cell templates. *Research Letters in Physical Chemistry* 2008, 726285.
23. Gorajana, A., MV Vinjamuri, S., Kurada, BV;**Peela, S.**, Jangam, P., Poluri, E., Zeeck, A. 2007 . Resistoflavine, cytotoxic compound from a marine actinomycete, *Streptomyces chibaensis*, AUBN(1)/7. *Microbiological Research*, 162(4):322-7.
24. Adinarayana, G., Venkateshan, MR.,Bapi Raju KVVS.N., **Sujatha, P.**, Premkumar, J., Ellaiah, p., Zeeck, A. 2006. Cytotoxic compounds from the marine actinobacterium. *Bioorganicheskaiia Khimiia.*, 32(3):328-334.
25. Adinarayana, G, Bapiraju, K.V.V.S.N., **Sujatha, P.**, Ellaiah, P., Ramana.T., 2005 1- Hydroxy-1-norresistomycin-a new antitumor antibiotic from marine *Streptomyces chibaensis* var. *dokipur* AUBN<sub>1</sub>/7. *Journal of Antibiotics*,58(8), 526-529.
26. Bapiraju, K.V.V.S.N., **Sujatha, P.**, Ellaiah, P., Ramana.T., 2005.Sequential parametric

- optimization of lipase production by a mutant strain *Rhizopus* sp. BTNT-2. *Journal basic Microbiology*, 45(4), 257-273.
27. **Sujatha,P.**, Bapiraju, K.V.V.S.N., Ramana.T., 2005.Optimization of solid state medium for the production of Polyketide antibiotic SBR-22 by mutant strain of *Streptomyces* sp. 125-vr. *Proceedings of AP Akademi of Sciences*2, 256-258.
  28. **Sujatha,P.**, Bapiraju, K.V.V.S.N., Ramana.T., 2005. Studies on antagonistic marine actinomycetes from Bay of Bengal. P.Sujatha, K.V.V.S.N.Bapiraju and T.Ramana. *World Journal of Microbiology and Biotechnology*, 21(4);583-585.
  29. Bapiraju, K.V.V.S.N., **Sujatha, P.**, Ellaiah, P., Ramana.T., 2004. Mutation induced enhanced biosynthesis of lipase. *African Journal of Biotechnology*, 3, 618-621.
  30. Bapiraju, K.V.V.S.N., **Sujatha, P.**, Ellaiah, P., Ramana.T., 2004. Medium development for optimal lipase production by an indigenously isolated *Rhizopus* sp. BTS-24. *Proceedings of AP Akademi of Sciences*, 8(2),155-160.
  31. Bapiraju, K.V.V.S.N., **Sujatha,P.**, Ellaiah, P., Ramana.T., 2004.Screening of oil seed cakes for isolation of lipolytic fungi and parametric optimization of lipase production by the selected isolate *rhizopus* sp. BTS-24. *Asian journal of Microbiology, Biotechnology and Environmental Sciences*. 4, 751-756.
  32. **Sujatha,P.**, Bapiraju, K.V.V.S.N., Ramana.T., 2004. Characterization of marine streptomycetes from Bay of Bengal. *Proceedings of AP Akademi of Sciences*, 8(2),161-165.
  33. **Sujatha,P.**, Bapiraju, K.V.V.S.N., Ramana.T., 2004. Effect of phytohormones on the production of novel antibiotic SBR-22 by mutant strain of *Streptomyces psammoticus* 125-vr. *Journal of Plant Biology*31(3);1-4.
  34. **Sujatha,P.**, Bapiraju, K.V.V.S.N., Ellaiah, P., Ramana.T., 2004. Studies on new marine Streptomycete BT-408 producing polyketide antibiotic SBR-22 effective against methicillin resistant *Staphylococcus aureus*.*Microbiological Research*160;119-126.
  35. Ellaiah, P., Ramana, T., Bapiraju, K.V.V.S.N., **Sujatha, P.**, Umashankar, A., 2004. Investigations on marine actinomycetes from Bay of Bengal near Kakinada coast of Andhra Pradesh. *Asian journal of Microbiology, Biotechnology and Environmental Sciences*, 6(1) 53-56.

## Research Experience

### 1. Postdoctoral work:

My research focus during my postdoctoral study is elucidating the signaling pathways involved in lung and colon cancer cell survival and apoptosis (programmed cell death). My research in cancer biology contributes towards finding novel therapeutic strategies for the treatment of lung and colon cancers.

- a) Project I:The role of Nod2 signaling in Inflammatory Bowel's diseases (crohn's disease & ulcerative colitis).
- b) Project II:Investigation of the downstream effects of ROS and key smoking constituents on mammalian lung cells leading to new insights into prophylactic and therapeutic strategies for lung diseases.

### 1. Ph.D.thesis:

My Research focus during my doctoral thesis is investigation of unexplored marine resources for novel bioactive compounds of pharmaceutical importance.

**Thesis Title`**.Investigations on the production of a novel antibiotic SBR-22 by an indigenously isolated marine *Streptomyces psammoticus*.

## III. Technical Experience

<b>IMMUNOLOGY</b>	ELISA, Multiplex Assays for luminex, Immunoblot, Handling of Mice Bone marrow transplantation and preparation of Bone marrow Chimeras, Animal models, Phagocytosis assay, TUNEL assay, Apoptosis assay, FACS.
<b>CELL CULTURE</b>	Mammalian cell culture, Isolation and maintenance of Macrophages and Dendritic cells from mice bone marrow. Isolation of Astrocytes from neonatal and embryonic brain tissue of mice.
<b>MOLECULAR BIOLOGY</b>	Isolation of DNA, RNA, Cloning, Gene expression, PCR, RT-PCR, Real time PCR, EMSA, Antibody super shift, Autoradiography, Southern Hybridization, Radiolabelling techniques, Transfection.
<b>BIOCHEMISTRY</b>	Electrophoresis, Chromatography, Spectrophotometry, Fluorimetry, Luminometry, Protein and Enzyme assays.
<b>MICROBIOLOGY</b>	Isolation and maintenance of pure cultures. Screening of microorganisms for bioactive compounds, Submerged and solid state fermentation, Antibiotic and microbiological assays, strain improvement, immobilization.

#### IV. Teaching Experience

A total of 20 years' experience in various colleges and universities at post graduate and graduate level.

1. Dec 2014- Present as a Professor in the Department of Biotechnology, Dr.B.R.Ambedkar University, Srikakulam
2. Mar 2010- Dec 2014 as an Associate Professor in the Department of Biotechnology, Dr.B.R.Ambedkar University, Srikakulam.
3. Dec 2008 –Mar 2010 as an Associate Professor in the Department of Biotechnology, GIS, GITAM University.
4. Mar 2008 - Dec 2008 as an Assistant Professor in the Department of Biotechnology, GIS, GITAM University
5. Oct 2001- Feb 2006 as a teaching associate in the Department of Biotechnology, Andhra University, Visakhapatnam at post graduate level.
6. June 2000- Sep 2001 as a lecturer in Biotechnology, Pydah College, Visakhapatnam at graduate level.
7. Aug 1998- June 2000 as a lecturer in Biotechnology, T.S.R&T.B.K.Degree College, Visakhapatnam at graduate level.

#### V. Awards and Merits

1. Dr. Sarvepalli Radhakrishnan Award 2019 for recognition as Best Academician of the Year 2019 received from Prof. K.Ramji, Hon'ble Vice-Chancellor, Dr.B.R. Ambedkar University, Srikakulam, 5<sup>th</sup> September 2019.
2. State Teacher Award 2018 received from Hon'ble Chief Minister Sri Nara Chandrababu Naidu Govt. of Andhra Pradesh, 5<sup>th</sup> September, 2018, Amaravati, Andhra Pradesh
3. University Best Teacher Award 2018, received from Prof. K.Ramji, Hon'ble Vice-Chancellor, Dr.B.R. Ambedkar University, Srikakulam, 5<sup>th</sup> September 2018.
4. Award from Youth Club of Bejjipuram (Sthree Sakthi Puraskaram), March 8<sup>th</sup> 2019 received from M. Prasad Rao.
5. Secured **University First Rank (Gold medalist)** for M.Sc. Biotechnology (1996-1998) ,Andhra University, India)
6. Qualified prestigious Government of India **CSIR-UGC**(Council of Scientific and Industrial Research- University Grants Commission) National Eligibility Test –Junior Research Fellowship (2002-2004)
7. Obtained prestigious Government of India Senior Research Fellowship (UGC-SRF) (2004).
8. Qualified Indian Council of Agricultural Research National Eligibility Test in Animal

Biotechnology Discipline. (ICAR) - (1999).

9. Biography was listed in **Marquis Who's Who in Science and Engineering, 2006-2007**
10. Biography was listed in **Marquis Who's Who in Asia, 2006-2007**
11. Biography was listed in **Marquis Who's Who on Web**
12. Teaching assistantship 2001-2006, Department of Biotechnology, Andhra University, India.
13. Post doctoral fellowship 2006-2009, Department of Medicine, University of Chicago, USA.
14. Certificate Course in **Clinical training programme** "Essentials of Patient Oriented Research" 2007-2008, University of Chicago, Chicago, IL, USA.

## **VI. Critical Roles**

1. Executive Council Member, Dr.B.R.Ambedkar University, Srikakulam.
2. Principal, College of Science, Dr.B.R.Ambedkar University, Srikakulam.
3. Dean, Research Development & Foreign Relations, Dr.B.R.Ambedkar University, SKLM.
4. Faculty Chairperson, Faculty of Science, Dr.B.R. Ambedkar University, SKLM.
5. Coordinator, IQAC (Internal Quality Assurance Cell)Dr.B.R.Ambedkar University, SKLM.
6. Coordinator, Unnat Bharat Abhiyan 2.0 (UBA 2.0), Ministry Human Resource Development (MHRD), Govt. of India.
7. Nodal Officer, RTI Cell, Dr.B.R.Ambedkar University, Srikakulam.
8. Convener, Women Grievance Cell Committee, Dr.B.R.Ambedkar University, Srikakulam.
9. Selection Committee Member as Women Nominee for Faculty Recruitment, Dr.B.R.Ambedkar University, Srikakulam.
10. Scrutiny Committee Member, Faculty Recruitment, Dr.B.R.Ambedkar University, Srikakulam.
11. Member, University Building Committee, Dr.B.R.Ambedkar University, Srikakulam.
12. Member, Hostel Affairs Committee, Dr.B.R. Ambedkar University, Srikakulam.
13. Member, Annual Report Committee, Dr.B.R. Ambedkar University, Srikakulam.
14. Member, Research Courses Committee, Dr.B.R. Ambedkar University, Srikakulam.
15. Member, Examination Review Committee, Dr.B.R. Ambedkar University, Srikakulam.
16. Member, Internal Sports Committee, Dr.B.R. Ambedkar University, Srikakulam.
17. Member, Disciplinary Committee, Dr.B.R.Ambedkar University, Srikakulam
18. Member, CPC, Dr.B.R.Ambedkar University, Srikakulam
19. Member, DOA, Dr.B.R.Ambedkar University, Srikakulam
20. Chairman-BOS, Dept. of Biotechnology, Dr.B.R.Ambedkar University, Srikakulam.
21. Member, BOS, Dept of Foods and Nutritional Sciences, Acharya Nagarjuna University, Guntur.
22. Member, BOS, Dept. of Zoology, Govt. College for Women, Srikakulam
23. Head, Department of Biotechnology, Dr.B.R.Ambedkar University, Srikakulam.
24. Course Coordinator, Department of Organic Chemistry, Dr.B.R.Ambedkar University, Srikakulam.
25. Member, Advisory Committee for Anti ragging, Dr.B.R. Ambedkar University, Srikakulam.
26. Member, Board of Studies, Department of Biotechnology, Dr.B.R.Ambedkar University, Srikakulam.
27. Chairman, Department Research Committee, Department of Biotechnology, Dr.B.R.Ambedkar University, Srikakulam
28. Chief Superintendent for conducting PG exams of Dr.B.R.Ambedkar University, Srikakulam.
29. Paper setter for PG examinations, AdikaviNannaya University, Rajahmundry.
30. Paper Setter for B.Tech (BT) Examinations, JNTU, Anantapur.
31. Syllabus framed for Integrated M.Sc.Biotechnology Programme in GITAM University

32. Syllabus framed for Distance mode M.Sc. Biotechnology Programme in GITAM University.
33. Squad Member for UG & PG Examinations of Dr.B.R.Ambedkar University, Srikakulam
34. Member, College Inspection Committee, Dr.B.R.Ambedkar University, Srikakulam
35. Ph.D. thesis Adjudicator of Andhra university, Mysore University, Bangalore University, Acharya Nagarjuna University, Banasthali Vidyapeeth.
36. Ph.D. Viva-Voce Examiner of Andhra University, Bangalore University.
37. Examiner for M.Sc. Biotechnology & Microbiology, Andhra University.
38. Expert for evaluation of Pre-Ph.D. Exams, Dept. of Biotechnology, JNTU, Anantapur.
39. Member, Joint Inspection Committee, APSHE.

## VII.Reviewer

1. Reviewer of the prestigious research Journal “**Deep Sea Research Part-I**”of Elsevier publishers.
2. Reviewer of the Prestigious research journal “**Indian Journal of Biotechnology**” of National Institute of Science Communication and Information Resources, Council of Scientific & Industrial Research.
3. Reviewer of “**Indian journal of biochemistry& biophysics**”.
4. Reviewer of “**International Journal of Pharma and Biosciences**”
5. Reviewer of “**Journal of Applied Pharmaceutical Science**”
6. Reviewer of “**BMC Microbiology**”
7. Reviewer of “**Asian Journal of Nanosciences and Materials**”

## VIII. Books published

1. K Ramji,**SujathaPeela**,V Srinivas Chary, G BalaSubramanyam, Y MaliniReddy,Meryl Jacob, 2018 .Student Handbook: FaecalSludge and Septage Management by Administrative Staff College of India, Govt. of Andhra Pradesh.
2. **SujathaPeela**, B.N.Devendra. 2010. Microbiology and Immunology self learning material for distance mode Biotechnology by GITAM University.
3. B.N.Devendra**SujathaPeela**,. 2010Cell biology and Genetics self learning material for distance mode Biotechnology by GITAM University.
4. **Sujatha Peela**, B.N.Devendra. 2010. Microbiology and Immunology Laboratory Manual for Distance mode Biotechnology by GITAM University.

## IX. International & National Conferences/Seminars/Workshops/Training Programmes attended

1. “Novel Tetracycline SBR-22 is a functional moiety deviation and bioactive against multidrug resistant strains” **Sujatha Peela**. International Conference on Recent advances in chemical,pharmaceutical and life processes (RACPL-2019) organized by Andhra University, Visakhapatnam, 13<sup>th</sup> -15<sup>th</sup> July 2019.
2. “Industry- Innovation Connect 1.0” Organized by Innovation Valley, National Research Development Corporation (NRDC) & Vizag Industrial Scan, Novatel, Visakhapatnam, 15<sup>th</sup> May 2019.
3. Regional Level Meeting with Employability Skill centre college Principals Organized by AP state Skill Development Corporation (APSSDC), Andhra University, Visakhapatnam, 14<sup>th</sup> May 2019.
4. 8<sup>th</sup> International Conference on Sustainable waste Management organized by ISWMAW, Acharya Nagarjuna University, Guntur, AP, 22<sup>nd</sup>-24<sup>th</sup> Nov 2018.

5. Two Day National Seminar on Drug Abuse Prevention: Role of Youth” organized by Dept. Of Social work, Dr. BRAU, SKLM. 19<sup>th</sup> -20<sup>th</sup> Dec 2018.
6. Sanction of technology demonstration/customisation project and Orientation workshop organized by UBA, IIT, Delhi. 16<sup>th</sup>-17<sup>th</sup> Nov 2018.
7. 43<sup>rd</sup> Annual conference of Indian Society of blood transfusion Immunohematology. Organized by ISBTI, Andhra Pradesh State, Novatel, Visakhapatnam. 26<sup>th</sup> -28<sup>th</sup> Oct 2018.
8. National Seminar on “Environmental Health and Biotechnological Applications on Food & Pharma Industries (EHBAPPI). Organized by Dept. Of Biotechnology & FND, Andhra University, Visakhapatnam. 27<sup>th</sup> -28<sup>th</sup> Oct 2018.
9. One Day workshop on Accreditation of Unaccredited Universities by NAAC, Banglore. CSTD, Dr.B.R.Ambedkar Open University, Hyderabad. 1<sup>st</sup> Oct 2018
10. One Day workshop on “Adoption, Promotion & Production of MOOCs on SWAYAM platform” Organized by University Grants Commission (UGC), Maulana Azad National Urdu University, Hyderabad. 31<sup>st</sup> August 2018.
11. “Activities Planning Workshop for Unnat Bharat Abhiyan for Village Clusters”Organized byNational Institute of Rural Development and Panchayati Raj(NIRD&PR),Ministry of Rural Development, Govt. of India, Hyderabad. 26<sup>th</sup> July 2018.
12. “Adoption of villages under Unnat Bharat Abhiyan National Flagship Programme for upliftment of Rural India” **SujathaPeela**. National Seminar on “Rural Development in India: Issues and Challenges with special reference to Andhra Pradesh” Organized by Department of rural Development & Economics, Dr.B.R.Ambedkar University, Srikakulam.
13. One day Orientation workshop on “Launching of New Framework of Unnat Bharat Abhiyaan 2.0 and Orientation Workshop” Organized by MHRD, Govt. of India & IIT Delhi, AICTE auditorium, New Delhi.”April 25<sup>th</sup>, 2018.
14. “Anticancer activity of cyclo-Leu-Pro-diketopiperazine from marine actinomycete against triple negative breast cancer cell line” **SujathaPeela** ,RamaraoMalla.ICGEB-NASSL South Asian Biotechnology Conference (SABC 2018) Colombo, Sri Lanka. 28<sup>th</sup> -30<sup>th</sup> March 2018.
15. World Cancer Day-2018. Organized by Department of Biochemistry &Bioinformatics, GIS, GITAM University, Visakhapatnam, 3<sup>rd</sup> Feb 2018.
16. Workshop on “Sanitation Towards ODF and ODF+ for Principals of Dr. B. R. Ambedkar University, Srikakulam” Organized by Administrative Staff College of India (ASCI) & Dr. B.R. Ambedkar University, Srikakulam.30<sup>th</sup> Jan 2018.
17. International workshop on “Water, Air, Sanitation and Hygiene : Attitudes and Practices (WASH-2018)” Organized by Department of Biotechnology, Organic Chemistry & Social Work, Dr.B.R.Ambedkar University, Srikakulam, 27<sup>th</sup>Jan 2018.
18. “Actinomycetes for Marine Drug Discovery Isolated from Bhavanapadu Mangroves in North East Coast Andhra Pradesh”Madhava Rao Panchareddy, **SujathaPeela**. Andhra Pradesh Science Congress-2017 Organized by Andhra Pradesh Akademi of Sciences, Amaravathi, Andhra University, Visakhapatnam. 7<sup>th</sup> -9<sup>th</sup> Nov 2017.
19. “Natural Products Discovery- Eastern Ghats folklore” **SujathaPeela**. National Seminar on Recent Advances in Chemical Sciences Organized by Department of Organic Chemistry, Dr.B.R.Ambedkar University, Srikakulam 26<sup>th</sup> Oct 2017.
20. Workshop on “Faecal Sludge & Septage Management for Academic Institutions in Andhra Pradesh” Organized by Administrative Staff College of India (ASCI), Novatel, Visakhapatnam. 13<sup>th</sup>-14<sup>th</sup> Oct 2017.
21. National Workshop on “DNA Barcoding and Phylogenetics” Organized by DBT-Bioinformatics Infrastructure facility, Dept. of Marine Living Resources, Andhra University, Visakhapatnam. 9<sup>th</sup> -12<sup>th</sup> Aug 2017.
22. National Workshop on “Capacity Building in Biology &Allied Sciences” Organized by Dept. of Biotechnology, Government Degree College, Srikakulam. 1<sup>st</sup> -3<sup>rd</sup> April 2017.
23. National workshop on Dissemination of Geospatial Technology for Department of Andhra Pradesh. Organized by APSAC & Dr.B.R.Ambedkar University, Srikakulam. 7<sup>th</sup> March 2017.

24. "Inflammatory Bowel Disease: Intestinal T-cell Regulation by NOD2" **Sujatha Peela**, Clara Abraham. 43<sup>rd</sup> Annual Conference of the Indian Immunological Society (IIS) Organized by GITAM University, Visakhapatnam from 16<sup>th</sup>- 18<sup>th</sup> Feb 2017.
25. National Women's Parliament Organized by Legislative Assembly, Andhra Pradesh, Amaravati, Andhra Pradesh. 10<sup>th</sup> -12<sup>th</sup> Feb 2017.
26. "Vijnan Prakash", Six day training Workshops on Science & Technology Communication through Digital Media. Organized by AASRA. 16<sup>th</sup> Dec-22<sup>nd</sup> Dec 2016.
27. International Conference on Recent Advances in Aquaculture (RAA-2016) Organized by Dept. of Marine Living resources, CST, Andhra University, Visakhapatnam. 16<sup>th</sup>-17<sup>th</sup> Dec 2016.
28. National Conference on Recent Trends in Neurological and Psychiatric Research (Dec. 9-11), Organized by Centre for Cellular and Molecular Biology (CCMB), Hyderabad.9-11<sup>th</sup> Dec 2016.
29. Phytochemical screening and antimicrobial activity of Ethanomedicinal plants of Eastern Ghats near Seethampetamandal, Srikakulam against Skin Diseases. **SujathaPeela**, LalithaSrideviNimmakayala.AP Science Congress 2016 jointly Organized by AP Akademi of SceincesAmaravati, Dr.NTRUniversity of Health Sciences, Acharya Nagarjuna University and Krishna University, Vijayawada, 7<sup>th</sup>-9<sup>th</sup> Nov 2016.
30. One Day Workshop on "Quality in Education: A Comparative Study" Organized by Dept. of Education, Dr.B.R.Ambedkar University, Srikakulam. 5<sup>th</sup> Nov 2016.
31. DBT sponsored Workshop on "Capacity building in molecular Biology" Organized by Dept. of Biotechnology, Govt. Degree College (Men) Srikakulam. 26<sup>th</sup> -30<sup>th</sup> Sep 2016.
32. Being Human : In Multicultural traditions, Humanity and Diversity. **Sujatha Peela**. RVP International Conference on "Being Human in Multicultural Traditions humanity and Diversity. Organized by Dept. of Philosophy, Andhra University, Visakhapatnam. 29<sup>th</sup> - 31<sup>st</sup>March 2016.
33. One Day Workshop on Emerging Children with Emerging Technologies Organized by Department of Education, Dr.B.R.Ambedkar University, Srikakulam on 22<sup>nd</sup>March 2016.
34. A study on Indian perspective of Crohn's Disease. **Sujatha Peela**. APSCHE sponsored Two Day National Seminar on Recent Biotechnological Approaches in Biopharmaceuticals and Health care Organized by Dept. of Biotechnology, Dr,B.R.Ambedkar University, Srikakulam, 16<sup>th</sup> -17<sup>th</sup> March 2016.
35. DBT-BIF Workshop on High Throughput Biological Data Analysis organized by Bioinformatics infrastructure facility, Dept. of Marne Living resources, Andhra University, Visakhapatnam, 23<sup>rd</sup> -26<sup>th</sup> Feb 2016.
36. Actinomycetes from Srikakulam Coast marine sediments of Bay of Bengal; Diversity and Biological activity. **SujathaPeela**,SwethalathaPorana,Madhava Rao Panchareddy, SatishBadda. International Conference on Advances in Plant and Microbe research (ICAPMR 2016) Organized by Dept. of Botany and Microbiology, Acharya Nagarjuna University, 6<sup>th</sup> -8<sup>th</sup> Jan 2016.
37. Role of plant and marine derived natural products in Cancer Therapy. **Sujatha Peela**. Third Annual International Conference (AIC-3). Organized by Dept of Organic Chemistry, Dr. B.R. Ambedkar University, Srikakulam& Coastal Chemical Research Society (CCRS), 16<sup>th</sup> -17<sup>th</sup> Dec 2015.
38. Taxonomic characterization of potent marine actinomycete A10 using Scanning Electron Microscopy. **SujathaPeela**,SwethalathaPorana,Madhava Rao Panchareddy, SatishBadda.International conference on Recent advances in Biosciences and applications of engineering in production of biopharmaceuticals (RABAEB-2015) & 9th Annual Convention of Association of Biotechnology and Pharmacy. Organized by Dept. of Biotechnology, ANU, KL, ABAP, KL University, 14-16 Dec 2015.



39. National Workshop on Advanced Analytical and Molecular Techniques, organized by Advanced Analytical Laboratory, DST-PURSE programme, Andhra University, Visakhapatnam. Nov 30<sup>th</sup> & Dec 1<sup>st</sup> 2015.
40. Cytotoxic activity of crude extracts of two sponges, *fasciospongiacavernosadoc* var. brown & *fasciospongiacavernosa* doc var. yellow. **SujathaPeela**. DBT sponsored National Workshop cum Seminar on “Uplifting of Society through Biotechnology”. Department of Biotechnology, Govt. Degree College Men, Srikakulam. Nov 5<sup>th</sup> -7<sup>th</sup>, 2015.
41. An anti-cytokine bioactivity Assay for Interferon Beta-1b. **SujathaPeela**, Manoj Kumar Metta. National Conference on Natural Therapeutics for Cancer, Diabetes and renal diseases (NTCDR), Dept of Biochemistry and Bioinformatics, GIS, GITAM University, Visakhapatnam. 27<sup>th</sup>-28<sup>th</sup> March 2015.
42. Investigation on the ethno medicinal practices of Savara tribes of srikakulam district for anti-proliferative and anticancer activity using cell lines. **SujathaPeela**, Madhava Rao Panchareddy. 19<sup>th</sup> Annual Convention and 2<sup>nd</sup> International Conference of the Indian Society of Pharmacognosy ICSP-2015, AU College of Pharmaceutical Sciences, Visakhapatnam. March 20<sup>th</sup> to 22<sup>nd</sup>, 2015.
43. National Workshop on Science and Society (Under TEQIP Phase-II). Dept of Engg. Chemistry, A.U. College of Engineering (A), Andhra University, Visakhapatnam. 27-28<sup>th</sup> February 2015.
44. Study on the plant derived natural products in the treatment of cardiovascular diseases. **SujathaPeela**. PERFUSION-CON-2014, organized by Society of Andhra Perfusionists (SAP), AMCOSA, Visakhapatnam, 23<sup>rd</sup> Aug 2014.
45. Role of Effluents on environment. **SujathaPeela**. International Conference on Effects of Emissions & Effluents on environment EEEE-2014, AU college of Engineering, Andhra University, Visakhapatnam. 30<sup>th</sup> June & 1<sup>st</sup> July 2014.
46. Transgenic Mouse models. **Sujatha Peela**. CME & National Seminar on Immune Interface of Host- Pathogen Interactions organized by Dept. of Biochemistry, Andhra University, Visakhapatnam. 7<sup>th</sup> - 8<sup>th</sup> Dec 2013.
47. Two day sensitization workshop on “Biotechnologies for the upliftment of SC, ST and Rural Population”. Organized by Agri Biotech Foundation, N.G. Agricultural University Campus, Rajendra Nagar, Hyderabad. 17<sup>th</sup> -18<sup>th</sup> May, 2013.
48. Genomics and Proteomics. **Sujatha Peela**. Training Programme on Bioinformatics: A New Frontier for Biology Teaching organized by DBT-BIF, Andhra University, and Visakhapatnam. 20<sup>th</sup> -22<sup>nd</sup> July 2012.
49. Inflammatory Bowel Disease: A chronic intestinal inflammation is due to defective immunity? **Sujatha Peela** & Clara Abraham. National Seminar on Present Perspectives of Bioactive molecules and Biotechnology organized by Departments of Biochemistry, Biotechnology & Microbiology, Andhra University, Visakhapatnam. May 30-31<sup>st</sup> 2012.
50. Traditional Medicine to Modern Medicine- leads to Drug discovery. **Sujatha Peela**. National Seminar on “Biochemical, Biotechnological and conservational aspects of medicinal flora organized by Gurajada College of science and Management, Srikakulam. Feb 4<sup>th</sup> -5<sup>th</sup> 2012.
51. Optimization of Environmental parameters for maximum tannase production from cashew husk. Lokeswari N, **Sujatha P.** Swapnavahini K, Lenin Kumar B. Andhra Pradesh Science Congress-2011. Organized by GITAM University & Andhra Pradesh Akademi of Sciences. Visakhapatnam. Nov 14<sup>th</sup>-16<sup>th</sup> 2011.
52. Screening and Identification of Phosphate Solubilizing Bacteria (PSB) from different agricultural fields of Visakhapatnam and evaluating the potential of PSB as fertilizer. Deepika DK, Naresh G, Krishnakant, **Sujatha P.** Andhra Pradesh Science Congress-2011. Organized by GITAM University & Andhra Pradesh Akademi of Sciences. Visakhapatnam. Nov 14<sup>th</sup>-16<sup>th</sup> 2011.
53. Role of Nucleotide-binding Oligomerization domain (NOD2) in crohn’s disease. **Sujatha Peela**, Matija Hedl, Clara Abraham. National Symposium on Immunology Today: Recent

- developments in Health and Disease. Organized by Department of studies in Biochemistry and Indian Immunological Society. University of Mysore, Manasagangothri, Mysore. Nov 14<sup>th</sup> & 15<sup>th</sup> 2011.
54. Mentorship workshop on “Bio-CARE” (Biotechnology Career Advancement and Re-Orientation Programme) Funded by Department of Biotechnology, Ministry of Science & Technology, Govt. of India, Organized by Biotech Consortium India Limited. Bioinformatics Centre, University of Pune, Pune Nov 9<sup>th</sup> 2011.
  55. Optimization and extraction of bioactive compound from sponge associated microbes from Visakhapatnam coast of Bay of Bengal. Shamsher Kumar Penki, Radhakrishna Eagala., **Sujatha Peela**. International conference on Aquatic microbiology AMSCO-2010, Centre of Advanced study in marine biology, Annamali University, Chennai. Sep 2<sup>nd</sup>-4<sup>th</sup>, 2010.
  56. Workshop on Self learning Material Preparation, Centre for Distance Learning, GITAM University, Visakhapatnam. 26-27<sup>th</sup> Dec 2009.
  57. Characterization of marine bacteria isolated from sponges near Visakhapatnam Coast of Bay of Bengal. Shamsher Kumar Penki, Radhakrishna Eagala, **Sujatha Peela**. National Seminar on Emerging Trends in Cell and Nanobiotechnology, GITAM University, Visakhapatnam. 11<sup>th</sup>-12<sup>th</sup> Dec 2009.
  58. Taxonomic Characterization of halophilic bacteria isolated from marine sponges for amylase and protease. Radhakrishna Eagala, Shamsher Kumar Penki, **Sujatha Peela**. National Seminar on Emerging Trends in Cell and Nanobiotechnology, GITAM University, Visakhapatnam. 11<sup>th</sup>-12<sup>th</sup> Dec 2009.
  59. Workshop on Environmental pollution and its impact on climate change organized jointly by AP Pollution control Board & GITAM University, Visakhapatnam, 3<sup>rd</sup> Dec 2009.
  60. Isolation and Screening of Bioactive Compounds from Sponge Associated microbes from Visakhapatnam Coast of Bay of Bengal. Shamsher Kumar P., Radha Krishna E., **Sujatha Peela**. Frontiers in Biotechnology, Department of Biotechnology, Bharathiar University, Coimbatore. July 22<sup>nd</sup>-24<sup>th</sup> 2009.
  61. Systems Biology Approach for Defining Signaling Pathways in Oxidative Stress Induced Cell Injury. S. Ramachandran, **S. Peela**, P. B. Landon, S. Subramaniam, R. Lal. The American Society for Cell Biology 48th Annual Meeting Dec 13<sup>th</sup>-17<sup>th</sup> 2008, San Francisco, USA.
  62. Biophysical annual society meeting 2008, **Sujatha Peela**. Long Beach Convention center, Long Beach, California, USA Feb 2-6<sup>th</sup> 2008.
  63. Seminars on Scientific integrity and the ethical conduct of Research, **Sujatha Peela**. Committee on molecular Medicine, university of Chicago, Chicago, USA July 10-21<sup>st</sup> 2007.
  64. A new marine Streptomyces BT-408 producing polyketide antibiotic SBR-22 effective against methicillin resistant *Staphylococcus aureus*. **P. Sujatha**, and T. Ramana. National seminar on Natural Resources, Health care & Natural Hazards, Dept of Pharmaceutical Sciences, Visakhapatnam, June 2 & 3<sup>rd</sup>. 2005.
  65. Bioparametric optimization of extracellular lipase production by a newly isolated *Rhizopus* sp. BTS-24. K.V.V.S.N. Bapiraju, **P. Sujatha**, P. Ellaiah and T. Ramana. 56<sup>th</sup> Indian Pharmaceutical Congress, Kolkata, Dec. 3<sup>rd</sup>-5<sup>th</sup>, 2004.
  66. Lipase production by *Rhizopus* Sp. BTS-24 under solid –state fermentation K.V.V.S.N. Bapiraju, **P. Sujatha**, P. Ellaiah and T. Ramana. National Symposium on Frontiers in Biotechnology, Dept. of Biotechnology, Bharathiar University, Coimbatore, Nov. 27<sup>th</sup> - 28<sup>th</sup>. 2004.
  67. Antibiotic production by Immobilized *Streptomyces psammoticus* BT-408. **P. Sujatha**, K.V.V.S.N. Bapiraju, and T. Ramana. National Symposium on Frontiers in Biotechnology, Dept. of Biotechnology, Bharathiar University, Coimbatore, Oct. 27<sup>th</sup> - 28<sup>th</sup>. 2004.
  68. Microbial Lipases: Promising Biocatalysts for the Biotech Industry. K.V.V.S.N. Bapiraju, **P. Sujatha**, P. Ellaiah and T. Ramana. International Convention of Association of

- Pharmaceutical Teachers of India (APTI), Visakhapatnam, Oct. 2<sup>nd</sup> -3<sup>rd</sup>. 2004.
69. Exploiting marine Streptomyces in search of novel Secondary metabolites. **P.Sujatha**, K.V.V.S.N.Bapiraju P.Ellaiah and T.Ramana. International Convention of Association of Pharmaceutical Teachers of India (APTI), Visakhapatnam, Oct. 2<sup>nd</sup> -3<sup>rd</sup>. 2004.
  70. Biotech India International 2003. International Exhibition and Conference on Biotechnology, Hyderabad, during 24<sup>th</sup>-27<sup>th</sup> September 2003.
  71. Studies on Marine Streptomyces and their Bioactive compounds. P.Ellaiah T.Ramana, K.V.V.S.N.Bapiraju, **P.Sujatha** and A. Uma Sankar and 54<sup>th</sup> Annual meeting of Indian Pharmaceutical Congress (IPC), Pune, during Dec. 2<sup>nd</sup> - 5<sup>th</sup> 2002.
  72. Optimum antifungal antibiotic production by a novel actinomycete isolate by optimizing various physical and chemical parameters. P.Ellaiah, T.Ramana, A.Uma Sankar **P.Sujatha** and K.V.V.S.N.Bapiraju. National seminar on Pharmaceutical Research in the New Millennium organized by the Dept. of Pharmaceutical Sciences, Andhra University, India during May 16-17, 2002.

#### **X. Seminar/ Workshop/Meet Organized**

1. Organized a single day workshop entitled “Recent Trends Advances in Genomics and Proteomics” on 14<sup>th</sup> February, 2009 as **Organizing Secretary**.
2. Organised two day seminar entitled “Emerging Trends in Cell and Nano Biotechnology” on 11<sup>th</sup> and 12<sup>th</sup> December, 2009 as a **Member** of Scientific committee.
3. Organized “Industrial Meet 2010” on 20<sup>th</sup> August 2010 as **Head**, Department of Biotechnology in Dr.B.R.Ambedkar University, Srikakulam.
4. Organized a one day national workshop entitled “New Horizons in Biotechnology” on 18<sup>th</sup> March 2011 as **Convener**.
5. Organized a One day workshop entitled “Current trends in Drug Development on 31<sup>st</sup> March 2012 as **Convener**.
6. Organized Two Day National Seminar On Recent Biotechnological Approaches in Biopharmaceuticals and Health Care Sponsored By **APSCHE** on 16<sup>th</sup> -17<sup>th</sup> March 2016 as **Convener**.
7. Organized One Day Workshop on “Internal Quality Assessment and Enhancement on 2<sup>nd</sup> Dec 2016 as **Convener**.
8. Organized International workshop on “Water, Air, Sanitation and Hygiene attitudes and Practices (WASH-2018)” on 27<sup>th</sup> January 2018 as **Convener**.
9. Organized Workshop on “Sanitation Towards ODF and ODF+ for Principals of Dr.B. R. Ambedkar University, Srikakulam” on 30<sup>th</sup> January 2018 as **Convener**.
10. Organized International Conference on “Water, Sanitation and Hygiene -2019 (WASH- 2019)” on 23<sup>rd</sup> & 24<sup>th</sup> Feb 2019 as **Convener**.
11. Organized National Workshop on “Intellectual Property Rights and Patents” on 28<sup>th</sup> Feb 2019 as **Convener**.
12. Organized “National Science Day” on 28<sup>th</sup> Feb 2019 as **Coordinator**.
13. Organized International Workshop on “New Frontiers in Biotechnology and Chemistry (NFBC) ”7<sup>th</sup> Aug 2019 as **Coordinator**

#### **XI. Refresher Courses**

1. 2 Refresher courses were attended as a participant and resource person organized by Department of Biotechnology, Andhra University funded by APNLBP (Andhra Pradesh Netherlands Biotechnology Programme) for teaching faculty in Biotechnology discipline from 2004-2006.

2. Refresher course in Biotechnology completed as Associate Professor at University of Hyderabad conducted by UGC-Academic Staff College with 'A' grade.
3. Refresher course in Environmental sciences completed as Associate Professor at Andhra University by UGC-Academic Staff College with 'A' grade.

### **XII Faculty development Programmes (FDP)**

1. International Conference on "Innovation, Incubation and Industrialization Organized by Association of Lady Entrepreneurs of India (ALEAP), Novatel, Visakhapatnam. 17<sup>th</sup> -19<sup>th</sup> Jan 2018.
2. Workshop on "Leadership Development in Higher Education for University Administrators" Organized by Department of Educational Finance, National Institute of Educational Planning and Administration (NIEPA), Pride Plaza Hotel, Aerocity, New Delhi, 26<sup>th</sup> -28<sup>th</sup> Feb 2018.
3. Programme on "Faecal Sludge & Septage Management" organized by Administrative Staff College of India (ASCI), Bella Vista, Hyderabad, 21<sup>st</sup> -23<sup>rd</sup> Jan 2019.
4. "Advanced Laboratory training in Faecal Sludge & Septage management "(FSSM) at the Environment Monitoring Laboratory, Anil Agrawal Environment Training Institute (AAETI) Organized by Centre for Science and Environment (CSE), Nimli, Alwar, 11<sup>th</sup> -16<sup>th</sup> March 2019.

### **XIII. Resource Person**

1. Resource person to refresher course organized by Department of Biotechnology, CST, Andhra University, sponsored by Agri Biotech Foundation.
2. Resource person in Vignana Sravanthi organized by Science Association, Govt. Degree College (Men), Srikakulam.
3. Resource Person in workshop on Recent Trends in Zoology Organized by Department of Zoology, Govt.College for Women, Srikakulam.
4. Resource Person in Golden Jubilee Celebrations 200. Suvarna Manasa. National Symposium on "Immunology Today:Recent developments in health and disease organized by Department of studies in biochemistry and Indian Immunological Society, University of Mysore. 14<sup>th</sup>&15<sup>th</sup> Nov 2011.
5. Resource Person in Training Programme on Bioinformatics: A New Frontier for Biology Teaching organized by DBT-BIF, Andhra University, and Visakhapatnam. 20<sup>th</sup> -22<sup>nd</sup> July 2012.
6. Resource Person in Indian Immunology Society CME & National Seminar on Immune Interface of Host -Pathogen Interactions organized by Department of Biochemistry, Andhra University. 7<sup>th</sup> -8<sup>th</sup> Dec 2013.
7. Resource Person in Study on the plant derived natural products in the treatment of cardiovascular diseases. PERFUSION-CON-2014, organized by Society of Andhra Perfusionists (SAP), AMCOSA, Visakhapatnam, 23rd Aug 2014.
8. Resource Person in DBT sponsored National Workshop cum Seminar on "Uplifting of Society through Biotechnology". Department of Biotechnology, Govt. Degree College Men, Srikakulam. Nov 5<sup>th</sup> -7<sup>th</sup>, 2015.

### **XIV. Guest Lectures**

1. Delivered Guest lectures to M. Sc. Biotechnology students on Animal Biotechnology in V.S.Krishna Govt. Degree College, Visakhapatnam.
2. Delivered Guest lectures on Plant tissue culture & Genetic Engineering in Govt. Degree College for Women, Srikakulam.

### **XV. Projects**

<b>Title of the Project</b>	<b>Funding Agency</b>	<b>Amount Sanctioned</b>	<b>Period</b>
Development of novel therapeutics from marine Actinomycetes for targeting stem cells in triple negative breast cancer	CSIR	25.6 lakhs	2017-2020
Provision of better health conditions-A mobile App	MHRD	1 lakh	2018-2019

### **XVI Consultancy Projects**

<b>Title of the Project</b>	<b>Funding Agency</b>	<b>Amount Sanctioned</b>	<b>Period</b>
Village and Household survey of Adopted villages	MHRD, UBA	50,000	2018
Midterm Assessment and Impact Assessment of water Security and sanitation programme in 110 villages	ARTS	5 lakhs	2018-2019

### **XVII Patents**

1. TEMP/E-1/44893/2018-DEL “ Tetracycline Analogues Antimicrobial and antifungal agent”

### **XVIII. Extension work**

1. Adopted 5 villages under UBA as UBA Coordinator i.e. Jagati, Pathavaraka, Bejjipuram, Ponduru, Echerla and the village development plans (VDP's) currently running in the respective villages.
2. Bacterial Load in the water samples drawn from the drinking water sources of selected villages of Srikakulam District.
3. Survey on Life style diseases in selected Mandals of Srikakulam District.
4. Blood grouping in the Allinagaram village of Srikakulam District.
5. Organic farming in the Akkivalasa village of Srikakulam District
6. Survey and Awareness on ODF(Open Defecation Free) in the Srikakulam District.

### **XIX. Professional Affiliation**

1. Life Member, Society of Biological Chemists, INDIA.
2. Life Member, Society for Neurochemistry INDIA(SNCI)
3. Life Member, Administrative Staff College of India (ASCI)