



NALLABILLI LOKESWARI MS.c,M.Phil, Ph.D

Assistant Professor,

Department of Biotechnology,

Dr. B. R. Ambedkar University,

Srikakulam. Cell: 9052525370.

lokeswarin@hotmail.com

lokeswarinallabilli@gmail.com

CAREER OBJECTIVE

To build a successful career in the field of teaching and research, where I can apply my creative and technical skills, to tune the students and reach their mind through practical approach than theoretical.

Academic Qualifications

PhD: December, 2008. Department of Biotechnology,
College of Engineering, Andhra University

MPhil: BIOTECHNOLOGY (2002)
College of Engineering, Andhra University.

Master of Science : Biotechnology (1998)
Andhra University
Visakhapatnam, India.

Bachelor of Science : Biochemistry, Botany and Chemistry (1995)
Mrs. A.V.N, College,
Visakhapatnam, India.

Specialization:

Bioactive compounds, Microbial enzymes, strain improvement, Fermentation technology

Present Status

- Presently working as Assistant Professor in the Department of Biotechnology, Dr B.R. Ambedkar University, Srikakulam.

- Member, Board of Studies, Department of Biotechnology, Dr B.R. Ambedkar University, Srikakulam.

Work Experience

Position	Organization	Duration
Assistant Professor	Dr B.R. Ambedkar University, Srikakulam	9 Years

Administrative Experience

- Member, Board of Studies, Department of Biotechnology, Dr B.R. Ambedkar University, Srikakulam.
- Course Coordinator, Department of LAW, Dr B.R. Ambedkar University, Srikakulam, June, 2011 – June 2013.
- Regional Coordinator, VRO/VRA Examination for Twenty First Century Gurukula Patasala, 2012.
- Chief Superintendent, LawCET 2012 Examination for Dr B.R. Ambedkar University, Srikakulam.
- Incharge, Lab Chemicals, Glassware and Miscellaneous Items, Department of Biotechnology, Dr B.R. Ambedkar University, Srikakulam.
- Regional Coordinator, LawCET- 2013 and LawCET- 2014 on-line verification centre, Dr BR Ambedkar University Campus, Srikakulam
- Chief Verification Officer, EAMCET-2013 (Engineering) on-line verification centre, Dr BR Ambedkar University Campus, Srikakulam
- Flying squad, Undergraduate end semester examinations, Dr BR Ambedkar University, Srikakulam
- Warden, Ladies Hostel, Dr B.R. Ambedkar University, Srikakulam. June, 2011 to 2013.
- Member, The Department level Anti-Ragging Committee, Dr. B R Ambedkar University Srikakulam, Etcherla.
- Squad Ladies Hostel, Dr. B R Ambedkar University Srikakulam, Etcherla
- Course Co-Ordinator, Department of Physics, Dr. B R Ambedkar University Srikakulam, Etcherla
- Member, Annual Report Committee of the University, Dr. B R Ambedkar University Srikakulam, Etcherla

- Associate Placement Officer (I/C), Dr. B R Ambedkar University Srikakulam, Etcherla
- IQAC Deputy Co-Ordinator, Dr. B R Ambedkar University Srikakulam, Etcherla.
- Warden, Ladies Hostel, Dr B.R. Ambedkar University, Srikakulam since August, 2018.
- Project Officer, UBA, New Dehili.

PhD's Awarded: One PhD Thesis Awarded -2017 (Thesis entitled "Bioconversion of Tannins into an antibacterial Drug Trimethoprim from Industrial Waste")

Total No. of Publications: 38 Publications in SCI Journals.

Research Papers Publications

S.No	Author	Year	Title of the Paper	Name of the Journal	Volume No. Issue & Page No.	Impact Factor
1.	N. Lokeshwari., et, al,	2006	Comparative study on Biotransformation of Tannin-rich agro/forest based products into Gallic acid by <i>Fusarium Solani</i> MTCC 350.	Biosciences, Biotechnology Research Asia. An International Research Journal of Biosciences & Biotechnology.	Vol. 3 (2a), 323-332. ISSN: 0973-1245	0.062
2.	N. Lokeshwari., et, al,	2006	Bio-conversion Treatment of Cashew Testa Tannin into Gallic	International Journal of Chemical Sciences.	Vol. 4(2), 426-438.	0.063

			acid using Fungal mycelia to abate environmental pollution.		ISSN:097 2768X	
3.	N. Lokeshwari., et, al,	2006	Microbial transformation of Gallo tannins to Gallic acid, an Intermediate product of Trimethoprim, Abroad spectrum Antibiotic.	The Bio scan. An International Quarterly Journal of Life Sciences.	Vol. 1(4), 19-25. ISSN:0973- 7049	
4.	N. Lokeshwari., et, al,	2007	Production of Gallic acid by submerged fermentation using free and immobilized <i>Trcihoderma Viride</i> cells.	International Journal of Chemical Sciences.	Vol. 5(2), 881-891. ISSN:097 2768X	0.063
5.	N. Lokeshwari., et, al,	2007	Production of Gallic acid from tannin using three different Fungal Strains by submerged fermentation.	Journal of Pure & Applied Microbiology. An International Research Journal of Microbiology.	Vol. (1), 21- 28. ISSN 0973- 7510	0.073
6.	N. Lokeshwari., et, al,	2007	Tannase production by <i>Aspergillus niger</i> .	E-Journal of Chemistry – An International quarterly Research Journal of Chemistry.	Vol. 4(2), PP 192-198. ISSN:097 34945	0.85
7.	G. Srinu Babu, N. Lokeshwari., et, al,	2007	Optimization of protease production from <i>Aspergillus</i>	E-Journal of Chemistry – An International quarterly Research Journal of Chemistry.	Vol. 4(2), PP 144-153.	0.85

			<i>oryzae</i> Sp. Using Box-Behnken Experimental Design.		ISSN:09734945	
8.	G. Srinu Babu, N. Lokeshwari., et, al,	2007	Screening of Nutritinal parameters for the production of protease from <i>Aspergillus oryzae</i> .	E-Journal of Chemistry – An International quarterly Research Journal of Chemistry.	Vol. 4(2), PP 208-215. ISSN:09734945	0.85
9.	N. Lokeshwari., et, al,	2007	Optimization of Gallic acid production from Terminalia Chebula by Aspergillus Niger	E-Journal of Chemistry – An International quarterly Research Journal of Chemistry.	Vol. 4(2), PP 287-293. ISSN:09734945	0.85
10.	N. Lokeshwari., et, al,	July Septemb er 2010	Statistical optimization of experimental variables associated with production of alpha amylases by Bascillus subtilis using banana agro-residual wastes in solid-state fermentation.	Rasayan Journal of Chemistry (RJC). An International Journal of Chemical Sciences.	Vol. 3, No-1 RJC-441. ISSN: 0976-0083.	
11.	N. Lokeshwari., et, al,	Oct- Dec, 2010	Production of Tannase through submergd Fermentation of Tannin containing cashew husk by <i>Aspergillus oryzae</i> .	Rasayan Journal of Chemistry (RJC). An International Journal of Chemical Sciences.	Vol – 3, No.4 RJC – 32-37. ISSN: 0976-0083	

12.	N. Lokeshwari., et, al,	May 2010	Production of an Antibacterial Drug Trimethoprim using novel Biotechnological Approach	Drug Invention Today.	Vol. 2 Issue 5. Issn:0975 7619	
13.	N. Lokeshwari., et, al,	July, 2010	Assay of Immobilized Tannase from <i>Aspergillus oryzae</i> .	Journal of Pharmacy Research.	Vol. 3. Issue 7, 1621- 1624. ISSN:2230- 8407.	2.507
14.	N. Lokeshwari., et, al,	July, 2010	Bioreactor study on Gallic acid production from <i>Aspergillus oryzae</i> .	Journal of Pharmacy Research.	Vol. 3. Issue 7, 1663- 1666. ISSN:2230- 8407	2.507
15.	N. Lokeshwari., et, al,	July, 2010	Production of 3, 4, 5 – Trihydroxybenzoic acid by Solid-state fermentation.	Journal of Pharmacy Research.	Vol. 3. Issue 5, 1131- 1133. ISSN:2230- 8407	2.507
16.	N. Lokeshwari., et, al,	July, 2010	Extraction of tannins from <i>Anacardium occidentals</i> and effect of physical parameters	Journal of Pharmacy Research.	Vol. 3. Issue 4, 906-908.	2.507

					ISSN:2230-8407.	
17.	N. Lokeshwari., et, al,	2010	Microbiological Production of Gallic Acid by a Mutant Strain of <i>Aspergillus oryzae</i> using Cashew Husk.	Pharmacophore, An International Research Journal.	Vol. 1(2), 112-122. ISSN:2229-5402	2.16
18.	N. Lokeshwari., et, al,	2010	Tannin acyl hydrolase from <i>Trichoderma viride</i> .	International Journal of Chemical and Analytical Science.	Vol. 1, Issue 5. ISSN: 0976-1209.	0.47
19.	N. Lokeshwari., et, al,	2011	Isolation of Tannins from <i>Caesalpinia coriaria</i> and effect of physical parameters.	International Research Journal of Pharmacy.	Vol. 2, 146-152. ISSN:2230-8407.	0.752
20.	N. Lokeshwari., et, al,	2011	Production of 3, 4, 5 – Trihydroxybenzoic acid by Solid-state fermentation using <i>Aspergillus Oryzae</i> .	Biotechnol, Bioinf, Bioeng society for applied Biotechnology.	Vol. 1(2), 245-250	
21.	N. Lokeshwari., et, al,	2012	Biodegradation of Tannins from Cashew husk for Gallic acid production.	International Journal of Health and Pharmaceutical Sciences.	Vol. 1, 3. ISSN: 2348-6465	0.017

22.	N. Lokeshwari., et, al,	2012	Optimization of Environmental parameters for maximum tannase production from cashew husk.	International Journal of Pharmacy.	Vol. 2(2), 375-379. ISSN : 2249-1848	3.926
23.	N. Lokeshwari., et, al,	April, 2012	Production of an antibacterial drug Trimethoprim from cashew husk to abate environmental pollution.	International Journal of Biotechnology, Chemical and Environmental Engineering (IJBCEE).	ISSN: 2278-0696 Vol. 1(1)	
24.	N. Lokeshwari., et, al,	2013	Immobilization of Tannin Acyl hydrolase from <i>Aspergillus niger</i> .	International Journal of Pharmaceutical Sciences and Research.	Vol. 4(4). ISSN:0975-8232.	2.64
25.	N. Lokeshwari., et, al,	2013	Isolation of the marine actinomycetes from the bay of Bengal sediments.	International Research Journal of Pharmaceutical and Applied sciences (IRJPAS).	Vol. 3(2), 121-123. ISSN:2277-3657.	5.320
26.	N. Lokeshwari., et, al,	2013	Tannase production from Cashew Husk by Solid-state fermentation.	International Journal of Advanced Biological Research (IJABR).	Vol 3(2), 295-299. ISSN:2250-3579.	

27.	N. Lokeshwari., et, al,	June, 2013	Gallic acid production by immobilization of <i>Aspergillus oryzae</i>	International Journal of Scientific Engineering Research.	Vol. 4(6). ISSN: 2347-3878.	1.025
28.	N. Lokeshwari., et, al,	June, 2013	A Novel Biochemical Method for Production of an antibacterial drug Trimethoprim from Industrial wastes.	International Journal of Pharmacy and Pharmaceutical Sciences.	Vol. 5, 3. ISSN: 09751491	1.1
29.	N. Lokeshwari., et, al,	2013	Genetic diversity of Ocimum Species through Biochemical Teqhnique and UPGMA Cluster Analysis.	International Journal of Pharmacy and Pharmaceutical Sciences.	Vol 5, Issue 4. ISSN-0975- 1491	1.1
30.	N. Lokeshwari., et, al,	2014	Optimization of process parameters for production of Gallic acid by submersed fermentation using Natural tannins of ANACARDIUM <i>OCCIDENTALIS. L Testa.</i>	International journal of Advances in Pharmacy, Biology and Chemistry.	Vol. 3, Issue 4. ISSN:2277- 4688.	0.675

31.	N. Lokeshwari., et, al,	2014	Studies on tannin extract, from <i>CAESALPINIA CORIARIA</i> and <i>ANACARDIUM OCCIDENTALIS</i> , using different extraction techniques and spectrophotometric quantification.	World Journal of Pharmaceutical Research.	Vol. 3, Issue 4, 2014. ISSN:2277- 7105.	5.045
32.	N. Lokeshwari., et, al,	2015	Separation and optimization of phenolic component from <i>Anacardium occidentales</i> by solvent Extraction Method.	World Journal of Pharmaceutical Research.	Vol. 4, Issue 01, 870-874. ISSN:2277- 7105.	5.045
33	N. Lokeshwari., et, al,	2015	NATURAL POLYPHENOLICS First Edition.	International Journal of Scientific and Research Publications. IJSRP Inc.	ISSN 2250- 3153	
34.	N. Lokeshwari., et, al,	2016	Utilization of Natural tannins from <i>Anacardium</i> <i>occidentalis</i> testa for producing the industrially important Gallic acid through Submerged fermentation	World Journal of Pharmaceutical Research.	Vol. 5, Issue 08, 861- 864.	5.045

					ISSN:2277-7105.	
35.	N. Lokeshwari., et, al,	2016	Tannin acyl hydrolase and Gallic acid production by Mutated strains.	International Research Journal of Natural and Applied Sciences Associated Asia Research Foundation (AARF).	Vol-3, Issue-7, 110p. ISSN: 2349-4077.	3.827
36	N. Lokeshwari., et, al,	2016	X-Ray diffraction analysis of tannin extraction from <i>CAESALPINIA CORIARIA</i> .	(IJAR) Indian Journal of Applied Research An International Journal.	Vol-6, Issue-8, 624p. ISSN: 2249-555X.	3.919
37	N. Lokeshwari., et, al,	2017	By using RP-HPLC Technique, Quantitative and Qualitative analysis of Gallic acid from Industrial waste	Uropean Journal of Biotechnology and Bioscience. www.biosciencejournals.com	Volume 5; Issue 3, May 2017; Page No. 06-09. ISSN: 2321-9122,	5.44
38	N. Lokeshwari., et, al,	2018	Production of tannase enzyme from ndustrial wastw residual cashew testa from the urban areas of Srikakulam district, Andhra Pradesh, ndia to abate environmental pollution	International Journal of Engineering & scientific Research.	Vol.6 Issue 4, April 2018. ISSN: 2347-6532	6.660

Papers presented in conferences/ Seminars/ Workshops. Etc.

1. National seminar on Environmental problems & perspectives organized by Lotus Granges (India) Ltd., Andhra University, Environmental Research Academy, International, Visakhapatnam on 4-5 June, **2001**. Presented a paper on Bio-conversion Treatment of Cashew Wastes.
2. National seminar on Environmental problems & perspectives organized by Lotus Granges (India) Ltd., Andhra University, Environmental Research Academy, International, Visakhapatnam on 4-5 June, **2001**. Presented a paper on Tissue culture: Challenges of the future.
3. National workshop on Importance of Renewable Energy Sources with Focus on Bio-diesels and Integrated Bio-gas plants, May, **2003**. Energy Park Committee of Andhra University, Walter Regional Centre, Department of Chemical Engineering.
4. International workshop on Tran disciplinary Education and Research, **2007**. Andhra University, College of Engineering, Visakhapatnam.
5. International Conference on Coalescence of Computer Science & Biotechnology, **2009**. Agro - Industrial Wastes as Substrates for Protease production by *Aspergillus oryzae* under solid state fermentation. Snaketike Vidya Parishad Engineering College, Visakhapatnam.
6. National workshop on Computational Biology and Biotechnology, **2009**. Department of Chemical Engineering, Andhra University, Visakhapatnam.
7. International Symposium on Environmental Pollution, Ecology and Human Health, July 25 - 27, **2009**. Presented a paper on Microbiological Production of Gallic Acid by A Mutant Strain of *Aspergillus oryzae* using Cashew Husk. Department of Zoology, S. V. University Tirupati.

8. National Seminar on Solid and Hazardous wastes management for Safety, Health & Environment, March 16, **2009**. Presented a paper on Exploitation of Biological wastes for the production of value added products under SSF. Department of Environmental Sciences, A. U, VSP-03.
9. International Conference on challenges in biotechnology and food technology (ICBF-2009), 8-10 October, **2009**. Fermentative Production of lovastatin under solid state fermentation using agro-industrial wastes”. Department of Chemical Engineering, Annamalai University, Centre of Advanced Study in marine Biology, Annamalai Nagar-608002, Tamilnadu, India.
10. International workshop on Advanced Methods for Data Processing and Parametric estimation in chemical processes on 30th March, **2009**, organized by Department of Chemical Engineering, Andhra University, Visakhapatnam, AP.
11. International conference on Emerging Trends in Biotechnology and 6th Annual convention of the biotech research Society, India, December 4-6, **2009**. “Production of Tannins through submerged fermentation of tannin – containing cashew husk by *Aspergillus oryzae*” Banaras Hindu University, Varanasi, U.P.
12. National workshop on New Horizons in Biotechnology (NHB) held on 18th March, **2011** organized by Department of Botany, Dr.B.R.AU, Srikakulam.
13. A paper presented in the Andhra Pradesh science congress-2011, organized by Gitam University, AP Academy of sciences on 14-16 November, **2011**, GITHAM University, Visakhapatnam, AP, India.
14. National conference on Recent Advances in Biotechnology (NCRB2011) on December 6th **2011** by Department of Biotech & Basic science – Humanities, MITS, Rayagada, Odisha. Presented a paper on Biodegradation --- tannins.
15. Inter National symposium on Effect of emissions & Effluents on environment, on December 23rd & 24th December, 2011 by Department of Engineering Chemistry, Andhra University, Visakhapatnam, A.P, India. Presented a paper on Production of ----- pollution.

16. National conference on Environment & pollution – The future Ahead, on December 15th **2012** by Department of Biotech & Basic science – Humanities, MITS, Rayagada, Odisha. Presented a paper on A new approach ----- *A.oryzae*.
17. Workshop on current Trends in drug Development on 31st March, 2012 by Department of Biotechnology, Dr.B.R.AU, Srikakulam.
18. First international and Third National Conference on Biotechnology, Bioinformatics and Bioengineering held at Tirupathi, A.P, on June 28-29, **2013**. A paper presented on A novel ---- Industrial wastes.
19. National seminar on Genomes, Environment & Human welfare – Retrospect & prospect on 22th & 23rd March, **2013**, at Department of Botany, Andhra University, Visakhapatnam. Presented a paper on Immobilization of ---- *A.niger*.
20. Inter National conference on technologies for sustainable waste management in Developing countries, on December 23rd & 24th August, **2013** by Vignan University, Guntur, A.P, India. Presented a paper on Development of RP-HPLC----- *Anacardium occidentale*.
21. 2nd Annual International conference (AIC-2) & Industry – CCRS Congress (ICC) **2014**, organized by coastal chemical Research society & Mrs.A.V.N.College, VSP, on 13 & 14 December, 2014 at AU, VSP.
22. Inter National conference on Environmental Biotechnology and Biodiversity (EBIO-2013), on March 3rd & 4th 2014, by Department of Chemical Engineering, Andhra University, Visakhapatnam, A.P, India. Presented a paper on A novel -----wastes.
23. Emerging science & technologies: Impact on Environment & Human health and special symposia on cancer therapy & environmental toxicology – Vikrama Simhapuri University, Nellore, Andhra Pradesh, India.
24. National Seminar on Recent Biotechnological Approaches in Biopharmaceuticals & Health care, Andhra Pradesh state council of Higher Education, Dr.B.R,Ambedkar University, Srikakulam. 16 &17 March, **2016**.

25. One day workshop on Internal Quality Assessment and Enhancement 2nd December, **2016**, organized by Internal Quality Assessment cell (IQAC), Dr.B.R.AU, Srikakulam.
26. International symposium on Social Business for Sustainable Development, 5-7 January **2017**, Andhra University, Visakhapatnam, A.P., India. To reduce environmental pollution by utilization the natural tannins of *Anacardium occidentale L. testa* for production the industrially important Gallic acid through submerged fermentation.
27. National workshop on Dissemination of Geospatial Technology for Development of Andhra Pradesh in Association with APSAC, Vijayawada, 7th March, **2017**, at Dr.B.R.AU, Srikakulam.
28. National seminar on Environment, Urbanization and Bio-Resources Management (NS-EUBRM) 28-30 June **2017**, Andhra University, Visakhapatnam, A.P., India. Utilizing Natural tannins of *Anacardium occidentale L. testa* for production the industrially important Gallic acid through submerged fermentation.
29. International Conference on Environmental Biotechnology (EBIO-2017), 23-25, November **2017**, Department of Chemical Engineering AUCE(A), Andhra University, Visakhapatnam, A.P., India. By using RP-HPLC Technique, Quantitative and Qualitative analysis of Gallic acid from Industrial waste.
30. One day National Seminar on recent Advances in Chemical Sciences (RACS-2017) on 26th October, **2017** by Department Organic Chemistry, Dr. B R Ambedkar University Srikakulam, Etcherla. “By using RP-HPLC Technique, Quantitative and Qualitative analysis of Gallic acid from Industrial waste”.
- 31) National Workshop on capacity Building in Biology & Allied Sciences, 1st – 3 rd April, **2017** by Dr. B R Ambedkar University Srikakulam, Etcherla.
- 32) National Seminar on Challenges and Opportunities for Sustainable Development of Mineral and Fossil Energy Resources (COSDMFER-2017) on 24th & 25th March, **2017** by Department of Geology, Andhra University Visakhapatnam, A.P. “Assessment of Environmental Awareness among Tribal Population: A Case Study”.
- 33) International Conference on Innovation, Incubation, Industrialization on 17th – 19th Jan, **2018** at Hotel Novotel, Visakhapatnam, A.P. India.

- 34) National Workshop on Advanced Technologies for Biomolecule Separations on 16th – 17th Feb, **2018** by Dr. B R Ambedkar University Srikakulam, Etcherla.
- 35) International workshop on WATER, AIR, SANITATION and HYGIENE ATTITUDES AND PRACTICES (WASH – 2018) on 27th Jan, 2018 by Dr. B R Ambedkar University Srikakulam, Etcherla.
36. Workshop on Sanitation:Towards ODF and ODF+ on January 30, **2018** by Dr. B R Ambedkar University Srikakulam, Etcherla.
37. One day National Workshop on recent Advances in Geospatial Technology with Special Emphasis on Disaster Management on 4th April, **2018** by Department of Geosciences, Dr. B R Ambedkar University Srikakulam, Etcherla.
38. National Seminar on Recent Trends in applied biology on 16th -17th August, **2018** by School of life and health sciences, University college of science & Technology, Adikavi Nannaya University, Rajamahendravaram, E.G.Dist., A.P., “Tannase enzyme Production from industrial waste to abate environmental pollution”.

Other Distinctions:

1. Best paper presentation award from environmental research academy, International on 4- 5, June, 2001, Andhra University-Vishakhapatnam.
2. Best paper presentation from International conference on coalescence of computer science and Biotechnology, 2000, Annamalai University - Chennai.
3. Project fellow in the project “studies on Hydrolysis of Oils using Lypase Enzyme” UGC SAP
4. Reviewer for international journal African Journal of microbiology.

Short Term/ Refresher/ QIP Programmes Attended

- ❖ Orientation Programme conducted at Academic Staff College, Andhra University, Visakhapatnam from January 19th to February 16th, 2014.
- ❖ Refresher course on “**Biotechnology**” in the Department of Biotechnology, Andhra University from 12th December to 1th January, 2017.

Technical Expertise

- ❖ Operation of High performance liquid chromatography system (Waters 1525, Binary HPLC pump) for analysis of phenolic compounds and plant secondary metabolites.
- ❖ Operation of X-RD Equipment.

STRENGTHS

- My Father and Husband
- Research Aptitude
- Hard working
- Self-Motivation and positive attitude
- Manage my time effectively.

Personal Details

Husband Name : P.Sudhakhara Rao

- Occupation: District General Manager (DGM), Food Corporation of India, AP.
- Father's Name : N.A.Naidu, BE (Elec)
- Occupation: Retd. Port Trust Engineer.
- Mother's Name : N.Nookamma
- Occupation: House Maker

Date of Birth : 28 June 1973

Nationality : Indian

Marital Status : Married

Sex : Female

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Dr,N.Lokeswari