

SRI PADMAVATI MAHILA VISVAVIDYALAYAM, TIRUPATI

Research Programs offered by Departments

SCHOOL OF SCIENCES

S.No.	Name of the Department and	Program (s) offered	Faculty	Research Area
1.	Applied Mathematics	M.Phil and PhD	Dr.M.Siva Parvathi	Graph Theory and its Applications
			Dr.C.Venkatalakshmi	Algebra Fluid Dynamics
2.	Applied Microbiology & Biochemistry	PhD	Dr. P. Suvarnalatha Devi	Biodegrading of pesticides, Anti-cancer and anti-diabetic activity of medicinal plants
			Dr. P. Uma Maheswari Devi	Anti-inflammatory research & solid waste management, Marine therapeutic agents
			Dr. Ch. M. Kumari Chitturi	Environmental Microbiology, Microbial Technology
			Dr. R. Jaya Madhuri	Green Technology – Bioplastics production from marine resource, biopolymer – polythene & plastic degradation; Therapeutic enzymes from marine environment
3.	Bioscience and Sericulture	M.Phil and PhD	Dr.D.Bharathi	Silkworm Biochemistry, physiology and Biotechnology
			Dr.P.Sujathamma	Mulberry Production Techno logy,

				Plant Tissue culture
			Dr. G. Savithri	Silkworm Rearing & Pathology Extension and Management
			Dr.K.Nagalakshma ma	Silkworm Biology, Environmental Biology and Bioinformatics.
			Dr. D. M. Mamatha	Silk technology, Molecular Biology, Biotechnology and Bioinformatics;Gene cloning and expression applied to Sericulture, Agriculture and its allied research areas, Silk Biomaterials
			Dr. N. Vijaya Kumari	Mulberry pathology and Physiology
4.	Biotechnology	M.Phil and PhD	Dr.R.Usha	Plant Biotechnology and Environmental Biotechnology
			Dr. P. Josthna	Cancer Biology & Animal Biotechnology
			Dr. B. Kishori	Animal Reproductive Toxicology, Aquatic Biotechnology, and Microbial Technology
			Dr. N. John Sushma	Nano biotechnology & Neurotoxicology
5.	Computer Science	M.Phil and PhD	Dr.K. Sandhya Rani	Internet of Things(IoT)
			Dr. T. Sudha	Data Mining, Artificial Intelligence, Big Data Analytics, Cloud Computing and Image Processing.
			Dr. S. Jyothi	Artificial Intelligence, Machine Learning, Soft Computing, Image Processing, Big Data Analytics, Data Science, Internet of Things (IoT), Bioinformatics, GIS and Hyper spectral Images.

			Dr. M. Usha Rani	Data Analytics, Cloud computing Application.
			Dr. K. Usha Rani	Data Mining, Soft Computing, Big Data Analytics, Neural Networks, Image Processing, Machine Learning, Data Science and Cloud Computing.
			Dr. P. Venkata Krishna	Internet of things, Cloud computing, Machine learning, Data science, Wireless sensor networks
			Dr. P. Bhargavi	ArtificialIntelligence, Machine Learning, Big Data Analytics, Soft Computing, Cloud Computing, Database Security and Privacy, Data Mining, GIS and Remote Sensing, Bioinformatics
			Dr. N.V.Muthu Lakshmi	Data Mining, Privacy-Preserving Data Mining, Data Analytics, Big data, Privacy-Preserving Association Rule Mining, Cloud Computing, and Network Security.
6.	Home Science	M.Phil and PhD	Dr. E. Manjuvani	Human Development & Family Studies (HDFS) and Nursing
			Dr.A. Jyothi	Clinical Nutrition & Dietetics (CND), Nursing and Food Science (FSQC)
			Dr. D. Sarada	Clinical Nutrition & Dietetics (CND) Nursing and FTAD
			Dr. A. Kusuma	Human Development & Family Studies(HDFS) and Nursing
			Dr. M. Aruna	Clinical Nutrition & Dietetics(CND), Community Health & Nutrition(CHN), Food Science & Quality Control (FSQC) and Human Development & Family Studies (HDFS)

			Dr. S. Vijayajyothi	Clinical Nutrition & Dietetics(CND) and Food Science & Quality Control(FSQC)
			Dr. V. Bindu	Food Science & Quality Control (FSQC), Clinical Nutrition & Dietetics(CND) and Nursing
			Dr. N. Rajani	Community Health & Nutrition(CHN), Nursing and Clinical Nutrition & Dietetics(CND)
			Dr. G. Sireesha	Clinical Nutrition & Dietetics(CND), Food Science & Quality Control(FSQC) and Nursing
			Dr. R. Nagaraju	Pharmaceutics (Preformulation studies, Novel drug delivery systems and targeted drug delivery systems
			Dr. T. Santh Rani	Pharmacology (Neuropharmacology Neuropathic Pain, Cerebral Ischaemia, Depression and Nutraceuticals)
			Dr.B.Jeevana Jyothi	Pharmaceutics(Novel drug delivery systems, Pharmacokinetic studies)
			Dr. M. Vidyavathi	Pharmaceutics (Novel drug delivery systems, Optimization studies by DoE, Microbial drug metabolism studies, Biomaterials and Tissue engineering, Natural excipients - Extraction and evaluation & Drug interactions
			Dr. A. Sreedevi	Pharmaceutical chemistry (Natural Products) / Pharmaceutical Analysis

			Dr. G. Rajitha	Pharmaceutical chemistry / Pharmaceutical Analysis (Synthesis and biological evaluation of Cinnamides, Acylhydrazones, Hydrazones, heterocyclic compounds etc for cytotoxic, antiinflammatory, antibacterial , antidepressant and antioxidant activities)
			Dr. Y. Indira Muzib	Pharmaceutics(Nano technology based drug delivery systems)
			Dr. B. Sailaja	Pharmacognosy (Herbal Medicines) and Analytical Methods
			Dr. S. Joshna Rani	Pharmaceutics / Pharmacy Practice
			Dr. K. Madhavi	Pharmaceutical chemistry
			Dr. B. Ramya Kuber	Pharmaceutical Analysis/ Pharmacognosy(Herbal drugs and formulations)
			Dr. K. Swathi	Pharmaceutical chemistry/ Pharmaceutical Analysis/ Pharmacology (synthesis and screening of drugs for neurodegenerative disorders by in silico and in-vivo methods)
			Dr. Shaheen Begum	Pharmaceutical Analysis/Pharmaceutical chemistry(Medicinal chemistry)
			Dr. D. Sujatha	Pharmacology(Preclinical screening)

SCHOOL OF SOCIAL SCIENCES

S.No.	Name of the Department	Program offered	Faculty	Research Area
1.	Business Management	M.Phil and PhD	Dr.J.Katyayani	Entrepreneurship Development, Business Intelligence system, Operations/Production management,
			Dr. B.Vijayalakshmi	Financial Management, Small scale industries, Financial Derivatives, financial Markets
2.	Communication & Journalism	M.Phil and PhD	Dr.V.DurgaBhavani	Women and Media, Public Relations
			Dr.C.Vani	Newspaper Management , Women and Media
			Dr.P.Vijayalakshmi	International Communication, New Media effects, Advertising
			Dr.Kiran Prasad	Media Law and Ethics, Public Relations, Communication for Development and New Media Studies
			Dr.T.TripuraSundari	Media Law and Ethics

				Public Relations & Advertising
			Dr.B.N.Neelima	New Media Technology, Children and Media effects, Climate change and environmental communication, Film studies
			Dr.T.Sobha Rani	Financial Marketing, Women Entrepreneurship, Advertising
3.	Education	M.Phil and PhD	Dr.T.G.Amuthavalli	Psychological Foundations of Education, Education of Hearing Impaired, Curriculum Development, Guidance and Counselling, Methods of Teaching English, Educational Technology
			Dr.G.Suneetha Bai	Methods of Teaching English, Educational Technology, Philosophical foundations of Education, Guidance and Counselling, Environmental Education
			Dr.V.Madhavi	Special Education (Hearing Impairment), Guidance and Counselling, Methods of Teaching English
			Dr.P.Renuka	Special Education (Hearing Impairment), Methods of

				Teaching Biological Sciences, Developments in Special Education, Educational Statistics, Educational Planning and Management, Curriculum Designing and Research, Facilitating Development of Language and Communication Skills in Children with Hearing Impairment
			Dr.T.Sireesha	Methods of Teaching Social Studies, Educational Technology, Psychological Foundations of Education, School Management, Art Education, Economics of Education, Research Methodology
			Dr.N.Anuradha	Methods of Teaching Social Studies, Methods of Teaching Telugu, ICT
			Mrs.Ch.Baby Prasuna	Methods of Teaching Biological Sciences, ICT, Educational Planning and Management, Curriculum Designing and Research, Developments In Special

				Education, Special Education (H.I)
			Dr.Y.Anitha	Methods of Teaching Telugu, Philosophical Foundations of Education
4.	English Language & Literature	M.Phil and PhD	Dr.T. Bharati	American Literature, Fourth World Literature, Dalit Literature, Women's Writing
			Dr. G.Sheela Swaroopa Rani	British Literature, Indian Writings in English /English Translation, Fourth World Literature/Dalit Literature, Minority Literature/Dalit Christian Literature/ Transgender Literature, Comparative Literature
			Dr. Y.S.Sharada	Indian Writings in English /English Translation, Post colonial Literature, Diasporic Writings, Women's Writings in English
			Dr.P.Hari Padma Rani	English Language Teaching, Linguistics and Lexicography, World Literatures, Indian Fiction in Translation, Eco criticism

			Dr. M. Neeraja	Indian Writings in English /English Translation, Diasporic Writings, Women's Writings in English, British Literature
			Dr. V.Nirmala	Indian Writings in English /English Translation, Women's Writings in English, Dalit & Minority Writings, African Literature
5.	Law	PhD	Dr.N.B. Chandrakala	Constitutional law, IPR, Environmental law
			Dr. T Sita Kumari	Constitutional law, International law Environmental law
			Dr.S. Madhuri Paradesi	IPR, Company law, Business law Labour laws
			Dr. Kanipakam Sunitha	Constitutional Law, Labour Law- ILO Cyber Law ,Criminal Law, Victimology Business law

			Dr. G. Indira Priyadarsini	Environmental Law, Labour Law Business Law, Administrative Law
6.	Music & Fine Arts	M.Phil and PhD	Dr. Dwaram V.J. Lakshmi	Carnatic Music, Hindusthani and light Music, Choir singing.
			Dr. K. Saraswathi Vasudev	Veena, Musicology - vocal, practical oriented topics
			Dr. RNS.Saileswari	Carnatic Music(vocal, Musicology , practical oriented topics)
			Dr.U.HimaBindu	History of Indian Dance, Dance Treatises and Comparative studies,Talas and Music for Dance Classical and folk dances, Dance in Diaspora
7.	Social Work	M.Phil and PhD	Dr.V.Uma	Rural Poverty, Children and Poverty-Longitudinal Research ,Institution Building and Micro Finance,

				Sustainable livelihoods, Longitudinal Qualitative Research Women and Health
			Dr.K.Anuradha	Child Mental Health ,Social work intervention, Health and Family: Psychosocial aspects of health: Women & Mental Health
			Dr.I.V.Lalitha Kumari	Adolescent related issues, Children related issues, Psycho-social issues of Elderly youth related issues.
			Dr.P.Thavitha Thulasi	Women and Children issues Women Empowerment Family: Marital Happiness, Marital and social support, Adolescent concern, Elderly issues, Care and support pregnant and nursing mother, Children and Women with special needs.
			Dr.G.Malleswaramma	Women Health & Mental Health issues , Health and HIV/AIDS, Women with special needs, Psychological Social issues of Hospital social work, Adolescent Mental Health and other

				needs, Children with special needs, Impact of Disasters on special groups
			Mrs.S.Vajeetha Bhanu	Yet to get eligibility to guide research scholars of the Department of Social work
8.	Telugu Language , Literature and Translation	M.Phil and Ph.D	Dr. K. Madhu Jyoti	Literature, Literacy Criticism, Translation, Linguistics & Folk Literature
			Dr. Y. Subhashini	Telugu Grammer & Literature
			Dr. D. Yuvasri	Padakavitha, Classical Literature
9.	Women's Studies	M.Phil and PhD	Dr. G. Sandhya Rani	Women and Entrepreneurship, Women and Education, Rural Economics
			Dr. P. Neeraja	Gender and Health, Gender based Violence, Empowerment of Women
			Dr. M. Padmavathi	Women and Gender, Women and Law, Policies and Programmes for Women's Empowerment

			Dr. P. Madhavi	Public Finance, Indian Economy, Women Entrepreneurs, International Economics
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