

Dr. Manchineellu Padmavathi



Assistant Professor in Physics
Department of Physics
KVR Government College for Women (A), Kurnool
Mobile: +91 9160313719, +91-9985228216,
E-mail: paddu.manchi@gmail.com

Personal information

Name	:	Dr. Manchineellu Padmavathi
Father's Name	:	M. Subbarayudu
Address	:	E-05-325, Ground Floor Road No. 13, Omshanti Nagar Kadapa (Dt), A.P.- 516 001
Mobile No	:	+91 9160313719, +91-9985228216,
E-mail	:	paddu.manchi@gmail.com
Date of Birth	:	12-07-1985
Nationality	:	Indian
Religion	:	Hindu
Gender	:	Female
Category	:	OBC, BC-A (Bestha)
Marital Status	:	Married
Languages known	:	Telugu*, English, Hindi (* Mother tongue)

Educational qualification

Ph.D.: University of Hyderabad, Hyderabad, TS, India **2010-2016**

PhD in Physics (Superconductors), Thesis: “**Studies on Some Layer Structured Superconductors: $\text{Bi}_4\text{O}_4\text{S}_3$, Bi-2212 and MgB_2** ” under the supervision of Prof. Rajender Singh, School of Physics, University of Hyderabad, Hyderabad, TS, India, Supported by MHRD Govt. of India.

M.Sc. Physics: Sri Venkateswara University, Tirupati, AP, India **2006-2008**

M.Sc. Physics with specialization in Electronics Secured **69.40%** from SVU PG Center Kavali, AP

B.Sc. : Sri Venkateswara University, Tirupati, AP, India **2002-2005**

B.Sc., M. P. C. (Mathematics, Physics and Chemistry) Secured **86.5%**, from GOVT Degree College, Jammalamadugu, Kadapa, Andhra Pradesh, India.

Intermediate (10+2): Board of Intermediate, AP, India **2000-2002**

M.P.C, Sri Jayasree Junior college and Secured **89.8%**, Proddatur, Kadapa, A.P.

S.S.C.: Board of Secondary Education, AP, India **2000**

J.M.J.R High School, Secured **75.6%**, Proddatur, Kadapa, Andhra Pradesh, India.

Teaching Experience

KVR GOVT COLLEGE FOR WOMEN(A) Kurnool

Since 16-07-2023

I have been working as regular faculty of Physics in the Department Physics. I am teaching to B.Sc. Physics students.

Subjects Taught

- **Heat and Thermodynamics**
- Electricity, Magnetism and Electronics

SKR & SKR Government Degree College for Women (A), Kadapa

June 06th 2018-July 15th 2023

I have worked as regular faculty of Physics in the Department Physics. I had taught to B.Sc. Physics students.

Subjects Taught

- ☐ Thermodynamics and Radiation Physics
- ☐ Modern Physics
- ☐ Mechanics and properties of Materials
- ☐ Wave Optics
- ☐ Electricity, Magnetism and Electronics
- ☐ Analog and Digital Electronics
- ☐ Electronic devices and circuits
- ☐ Electronic Instrumentation

Labs Handled

- ☐ Optics Lab
- ☐ Mechanics Lab
- ☐ Electronics Lab
- ☐ Modern Physics Lab
- ☐ Electricity and Magnetism Lab
- ☐ Analog and Digital Electronics Lab
- ☐ Electronic Instrumentation Lab

Govt. Jr College, varadaiahpalem, Chittoor, AP, India

2008-2010

Worked as a Junior Lecturer in Physics for intermediate students on contract basis for the period of two years.

Research Experience

SKR & SKR Government Degree College for Women (A), Kadapa

June 06th 2018-July 15th 2023

Worked in the following areas

- ☐ Glass Ceramic Superconductors
- ☐ Metal Oxide Nanomaterials
- ☐ Fiber Optic Sensors

University of Hyderabad, Hyderabad, India.

2010-2016

Research fellow (Ph. D.)

- ❖ Understanding the effect of composition and doping on the superconducting properties of Bismuth Oxy sulphide.
- ❖ study of the composite and hetero structures of Bi-2212 and MgB₂ superconductors with the motto of enhancement in critical current density and
- ❖ Study of the vortex pinning mechanisms in Bismuth oxy sulphide, Bi-2212 and MgB₂ layered superconducting materials.

Brief report of Thesis

The thesis covered with studies on some layered superconductors. For synthesis of superconductors we have used solid state reaction method and Glass ceramic route. For the characterization of synthesized superconductors we have used various sophisticated instruments such as XRD, TEM, FESEM, PPMS-VSM, PPMS-ACMS and CCR.

$\text{Bi}_4\text{O}_4\text{S}_3$ layered superconductor was prepared through a solid state reaction route and studied the doping effects in $\text{Bi}_4\text{O}_4\text{S}_3$. The composite system of Bi-2212 glass ceramic and MgB_2 superconductor were prepared with Bi-2212 as matrix and MgB_2 as reinforcing material (2:1), and with Bi-2212 as reinforcing material and MgB_2 as matrix (1:2). Composite samples showed an increase in critical current density and mechanical properties. Hetero structures of Bi-2212 and MgB_2 superconductors were prepared in the form of bulk multilayers. Bi-2212 and MgB_2 were arranged in the form of bi-layer and tri-layers. Critical current density is enhanced in the hetero samples due to increase in the superconducting volume fraction.

Technical skills

I am capable of handling instruments like TEM, FESEM, XRD, PPMS-VSM, PPMS-ACMS, and CCR-Resistivity setup.

I am expert in Reitveld refinement technique.

I am expertized in synthesis and characterization of superconductors.

Accomplishments

- ❖ Qualified APSET -2012
- ❖ CSIR UGC-BSR Fellowship holder from 2012- 2016 during PhD
- ❖ University level chess champion.

Software skills

- ❖ Research: Fulproof, Reitvied analysis
- ❖ Operating Systems : Windows 8, Windows 7, Windows XP
- ❖ MS-Office (MS-Word, MS-Excel, MS-Power point), Origin

LMS Content Generator

S. No.	Topics	Group	Subject	Supported by	Link
1.	Fundamentals of Interference (EM)&(TM)	B.Sc. II Year III Semester	Wave Optics	AP CCE	https://drive.google.com/file/d/1fzu6lXjxMwoYimJ1LC02pIU7QUIM17vS/view?usp=sharing
2.	Coherence and Fresnel Biprism (EM)&(TM)	B.Sc. II Year III Semester	Wave Optics	AP CCE	https://drive.google.com/file/d/1aOGntQJCsyM9q8pvXr6i8EHTv5ZUMnyw/view?usp=sharing
3.	Solar cells in series and Parallel combination	B.Sc. I Year II Semester	Solar Energy (SDC)	AP CCE	https://drive.google.com/file/d/1tPWa7O814oEVVMBNtWdICcoappj-hLOx/view?usp=sharing
4.	Different types of Solar cells	B.Sc. I Year II Semester	Solar Energy (SDC)	AP CCE	https://drive.google.com/file/d/1MdyAyW8LmS2eY_HpFPJvIPgk8hjUvGTW/view?usp=sharing

Academic Responsibilities

S. No.	Responsibility	Date
1.	Head, Department of Physics	June 2018 to July 2023
2.	Head, Department of Electronics	June 2018 to July 2023
3.	NCC, CTO	Dec 2020 to July 2023
4.	Physics BOS Chairman	2019- 2020 2020- 2021
5.	Electronics BOS Chairman	2019- 2020 2020- 2021
6.	Admissions Convener M.P.Cs group	2019 – 2020 2020- 2021
7.	MOOCS Convener	2018 -2020
8.	SIP Coordinator	2019 to 2022

Involvement in the academic programs

- ❖ Actively participated and organized the workshops and awareness programs.
- ❖ Attended several workshops and conference for the last six years to obtain the cutting edge knowledge in recent trends and advances and also to update in current research.

S.No.	Title of The Program organized		Duration
1.	One day seminar on Basics of Physical Optics	Convener	Oct 6 th 2018
2.	Student Induction Program 2019	Convener	9 th to 11 th August 2019
3.	Student Induction Program 2021	Convener	4 th to 6 th Feb 2021
4.	Certificate Course on “Photonic Devices”	Convener	Jan 18 th to 27 th Feb 2021
5.	Student Induction Program 2022	Convener	6 th to 8 th Feb 2022
6.	National science day celebrations-Science fair	Convener	26 th to 28 th 2022
7.	Faculty Development Program (FDP) on e-Content preparation	Convener	20 th Oct to 21st Oct 2022

Conferences-workshops attended

- 1) Attended course on “Cryogenics and Superconductivity” at IUAC, New Delhi, Held from 2nd April- 22nd April-2012.
- 2) Frontiers in Physics, 27th-29th, September-2012, School of Physics, University Of Hyderabad. (Poster presentation).
- 3) Attended” National symposium on Cryogenics-24 ‘’ held on Jan 20th -24th -2012 at Ahmadabad.(Poster Presentation)
- 4) Attended the pre symposium course on Cryogenic process and Heat exchangers at NSC-24.
- 5) Participated in the National workshop on”Scientific/Research Paper writing” held from June 8th-10th - 2012 at CIFE-Mumbai by NASI.
- 6) Frontiers in Physics, 21st-22nd, September-2013, School of Physics, University Of Hyderabad. (Poster presentation).

- 7) Attended A.P. Science congress held from 14th-16th November-2013 at University of Hyderabad.
- 8) Frontiers in Physics, 17st-18nd, October-2014, School of Physics, University of Hyderabad. (Poster presentation).
- 9) Attended National symposium on Cryogenics-25th held on December 8 -10, 2014 at University of Hyderabad, Hyderabad. (Poster Presentation).
- 10) Attended DAE-SSPS symposium held on December 16-20, 2014 at VIT, Vellore. (Poster Presentation).

S. No.	Title of The Conferences/ Symposia/ Seminar/ Workshop	Organized by	Title of the paper/Topic	Duration
1	AP Science Congress	Yogi Vemana University	Pinning Mechanism in bulk Multilayers of Bi-2212 and MgB2 Superconductors	9-11 November-2018
3.	One day seminar on Basics of Physical Optics	GDCW KADAPA	Career with Physics	Oct 6 th 2018
4.	64 th DAE-SSPS	BARC	Effect of excess Bi and S on the synthesis of Bi4O4S3 Superconductor	December-2019
5.	CCE “workshop on online assessment tools”	AP CCE, Mangalagiri	Google classroom, Google forms, Kahooth, Quizz and EdPuzzle	2DAYS 31-05-2021 TO 01-06-2021
6	AP CCE Workshop for training of Master trainers in SDC-Solar energy content delivery	AP CCE, Mangalagiri	Content delivery based on Lower order thinking activities and Higher order thinking activities	5 days, 14-07-2022 to 18-07-2022
7	Workshop on AR&VR Technology	KSRM Engineering college, Kadapa	Augmented reality and virtual reality-Unity 3D software	6 days, 22-08-2022 to 27-08-2022
8	National Seminar on Recent trends in Material science--2022	GDC MEN-(A), KADAPA	Physics for multi disciplinary applications	24-09-2022
9	Training of Teachers programme for faculty	AP CCE at GDC MEN Kadapa	Attended as Master trainer for e content preparation	30-01-2023 to 01-2-2023

ORIENTATION/REFRESHER COURSES/FDPs

S.No.	Title of the orientation course	Organized by	Duration	From	To
1	Induction Training Programme	APHRDI	Two weeks	Aug-13, 2018	Aug-26, 2018
2	Refresher course in Experimental Physics	National Institute of Technology, Warangal	Two weeks	Jan-9 th , 2018	Jan 24 th 2018
3	OER, Content Development, MOOCS and MOODLE	NIT Warangal and CCE, APSHE	One week	26 th Oct 2018	31 st Oct 2018

4	UGC ToT-SIP	IIIT Hyderabad	3Days	May 16 th 2019	May 18 th 2019
5.	Course on Learning Physics Through Simple Experiments	IIT Kanpur	Eight weeks	April 2 nd 2020	June 10 th 2020
6.	Faculty development Programme on “Open learning with open online tools”	GOVT College (A) Rajahmundry	2 days	May 3 rd 2020	4 th May, 2020
7	Faculty development Programme on “Technology assisted Teaching and Learning through ICT tools”	SBCR College Badvel	5days	25-05-2020	30-05-2020
7.	MOOC Course on “Neuro science for Neuro Imaging”		3 weeks	3weeks 01-06-2020	23-06-2020
8.	APCCE-US FDP on “New Knowledge in Physics and energy materials”	CCE -AP	5days	06-07-2020	10-07-2020
9	FDP on LMS Video & Pedagogy	CCE -AP	5days	03-08-2020 to	07-08-2020
10	Orientation Programme for faculty of colleges/Universities	Ramanujan college, Delhi University	4 weeks	10-11-2020	09-12-2020
11	Refresher course on Indian heritage and Culture	UGC-HRDC, SVU Tirupati	15 days	17-12-2021	31-12-2021
12	Faculty development programme- Training of Teachers(ToT)-attended as Master trainer for the ToT	AP CCE at KSN Degree college	5 days	10-8-2022	14-08-2022
13	Refresher course in Physics	UGC-HRDC, SVU Tirupati	15 days	02-02-2023	17-02-2023

Research Interest

I am very much passionate to work on multilayer thin film and Nano materials of superconductors in order to improve their superconducting and mechanical properties, which can make these superconductors suitable for practical applications. I would like to establish highly sophisticated experimental laboratory to continue my research work in, nanomaterials, composite and hetero structures of superconductors.

List of Publications

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	Padmavathi, M., & Putha Kishore.	Studies on Heterostructure of Bi-2212 and MgB ₂ Superconductors	Journal of Integrated Science and Technology	11(1)	437	2023
2.	Putha Kishore, D. Dinakar, P. Ravindra Babu, V. Rama Devi, P. Soujanya, T. Maunika, and M. Padmavathi	Laser light Intensity Modulated Cell Growth Rate Monitoring Biosensor,	Journal of Optics	50	28–34	2021
3.	M. Padmavathi and Putha Kishore	Effect of excess Bi and S on the synthesis of Bi ₄ O ₄ S ₃	AIP Conf. Proc.	2265	030568	2020

		Superconductor				
4.	Putha Kishore, D. Dinakar, and M. Padmavathi	Intensity modulated U-Shaped Bent Tapered Optical Fiber Concentration Sensor,	Springer proceedings	686	957-964	2020
5.	M.Padmavathi, R.Singh	Critical current density and pinning mechanism in Hetero structure of Bi-2212 and MgB ₂ superconductors	Indian Journal of Cryogenics	Volume : 45,	160-165	2020
6.	Putha Kishore, and M. Padmavathi	Study on Intensity modulated POF Vibration Sensors	icOPEN 2019, Thailand	11205	112050 W	2019
7.	M.Padmavathi, R.Singh	Studies on the Composite System of Bi-2212 Glass Ceramic and MgB ₂ Superconductors	Journal of Superconductivity and Novel Magnetism	31	2313–2320	2018
8.	D. Dinkar, Putha Kishore, M. Padmavathi	Study on Intensity Modulated Non-Contact Optical Fiber Vibration Sensors of Different Configuration	International Journal of Physical and Mathematical Sciences	4(4)	2008-2011	2017
9.	M.Padmavathi, R.Singh	Hetero structures of Bi-2212 and MgB ₂ Superconductors	AIP Conf. Proc,	1731	130035	2016
10.	M.Padmavathi and R.Singh	Structure and Properties of Ca doped Bismuth Oxy Sulphide Superconductor	Journal of superconductivity and Novel magnetism	28(11)	3255–3265	2015
11.	M.Padmavathi and R.Singh	Structural, Transport, and Magnetic Properties of Bismuth Oxy sulfide Superconductors	Journal of superconductivity and Novel magnetism	28(5)	1461–1469	2015
12.	M.Padmavathi, R.Singh	Effect of Density on the Electrical Properties of MgB₂ Superconductor	INDIAN JOURNAL OF CRYOGENICS	40(1)	209-212	2015
13.	M.Padmavathi, R.Singh	Effect of Ca Doping on Superconducting Properties of Bi ₄ O ₄ S ₃ ,	AIP Conf. Proc.	1665	130024-1–130024-3	2015

Books/Chapters Published:

S.No	Title	Author's Name	Publisher	Year
1	Intensity Modulated U-Shaped Bent Tapered Optical Fiber Concentration Sensor	Putha Kishore, D. Dinakar, Manchineellu Padmavathi, L. Obulapathi	Springer	2020
2	Optoelectronics: Fiber Optic Vibration Sensors,	Putha Kishore, Dantala Dinakar and Manchineellu Padmavathi,	IntechOpen	2021
3	Mechanics, Waves and Oscillations Textbook for B.Sc physics 1 st Semester	Dr.M.Padmavathi, Dr.D.Sanjeev Kumar, and Durga Lakshmi	APSCHE	2021
4	Wave Optics Textbook for B.Sc physics 2nd Semester	Dr.M.Padmavathi, Dr.D.Sanjeev Kumar, and Durga Lakshmi	APSCHE	2022
5	Solar Energy, Text book for skill development course	Dr.M.Padmavathi (one of the auhtour among 8 of them.)	AP-CCE	2022

Patent Filled.

S. No	Patent Title	Name of Applicant(s)	Patent No.	Country	Status
1	Automatic Liquid level controlling Device using Optical Fiber for Petroleum/Chemical Storage Tanks	P. Kishore and M. Padmavathi	202241064846	INDIA	Submitted

Social Extension activities

Served as Care taking officer for NCC from Dec 2020 till July 15th 2023. Under NCC conducted various activities related to National integrity and Discipline. Along with regular activities conducted activities to make Cadets socially responsible citizens.

S. No.	Title of The Program organized	Date
1.	Food and clothes distribution to the people in flood effected areas in Pulaputhur, Rajampeta	Nov 20 th 2021
2.	Eventual visit to Adhara Shelter and spending time with old people in the shelter and distribution of clothes and rice	Started from Nov10th 2021
3.	Clothes distribution to the children in Zuvinal Home	Jan 12 th 2022

References

Prof. Rajender Singh School of Physics, University of Hyderabad, Hyderabad, TS., India -500046 Mobile: 09440311821 E-mail: rssp@uohyd.ernet.in	Dr. S.V.S NageswaraRao Assistant Professor, School of Physics, University of Hyderabad, Hyderabad, TS., India -500046 E-mail: svsnsp@uohyd.ernet.in
Prof. R. L. N. Sai Prasad (Rtd.) Department of Physics National Institute of Technology Warangal TS, India Mobile: 9491151070 E-mail: rlnsaiprasad@gmail.com	Prof. D. Dinakar Department of Physics National Institute of Technology Warangal TS, India Mobile: 9866948560 E-mail: dinakar.anu@gmail.com

Here I declared that the above mentioned information is true to the best of my knowledge.

Place:

Date:

(Dr. M. Padmavathi)



हैदराबाद विश्वविद्यालय University of Hyderabad

प्रमाणित किया जाता है कि
मंचीनील्लू पदमावति
को

भौतिक विज्ञान में भौतिक विज्ञान

संकाय में शोध प्रबंध प्रस्तुत करने एवं सभी अपेक्षाओं को सफलतापूर्वक पूर्ण करने पर
सन् 2016 में

डॉक्टर ऑफ़ फ़िलॉसफ़ी

की उपाधि प्रदान की गयी है



This is to certify that

MANCHINEELLU PADMAVATHI

*having pursued research in **Physics***

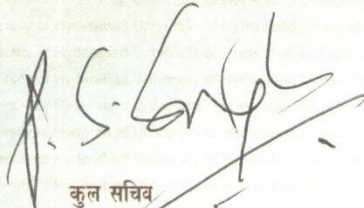
at the

School of Physics

*and having submitted a thesis and successfully completed all the
requirements has been admitted to the degree of*

Doctor of Philosophy

in the year 2016


कुल सचिव
Registrar

विश्वविद्यालय की मुहर के अधीन प्रदत्त
Given under the seal of the University


कुलपति
Vice-Chancellor

हैदराबाद / Hyderabad, दिनांक / Dated - 1 OCT 2016



हैदराबाद विश्वविद्यालय University of Hyderabad

(A Central University established by an Act of Parliament)

Title Sheet of Dissertation / Thesis

Enrolment No. : 10PHPH19

Name of the Scholar : MANCHINEELLI PADMAVATHI

Course of Study : Ph.D., Physics

Title of Dissertation/Thesis : Studies on Some Layer Structured Superconductors:
Bi₄O₄S₃, Bi-2212 and MgB₂

Name/s of the Supervisor/s : Prof. Rajender Singh

Department/Centre/School : School of Physics

Dated - 1 OCT 2016

Prepared by

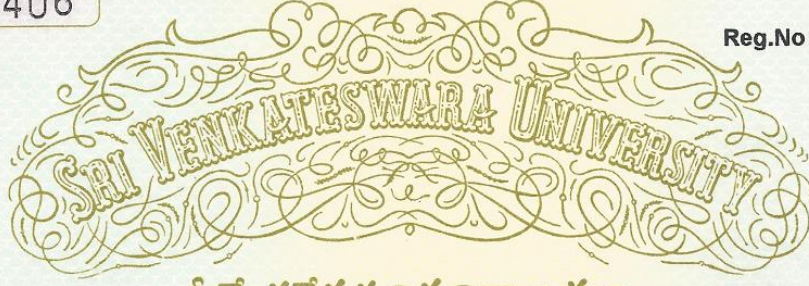
Checked by

Controller of Examinations

Sl. No.: 014406

MT

Reg.No :2420768014



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

ఫాకల్టీ ఆఫ్ సైన్స్

Faculty of Science

పద్మావతి మంచినీల్లు

సుబ్బారాయుడు యం గారి కుమార్తె కు
ఈ విశ్వవిద్యాలయం నుండి క్రింద సూచించిన విధంగా ఆమె పట్టాకు
నిర్దేశించిన పరీక్షలో ఉత్తీర్ణత వొందినందుకు
మాస్టర్ ఆఫ్ సైన్స్ (ఫిజిక్స్)

పట్టా ప్రదానానికి అర్హత వొందినట్లు ధృవీకరించడమైంది.

This is to certify that

Padmaravathi Manchineellu

Daughter of Subbarayudu M

has been admitted to the Degree of

Master of Science (Physics)
Electronics

*having been certified by duly appointed Examiners
to be qualified to receive the same at the Examinations
prescribed therefor in MARCH - 2008
and having been placed in the FIRST CLASS WITH 'A' GRADE*

విశ్వవిద్యాలయ అధికార ముద్ర తో జారీ చేయడమైంది.
Given under the Seal of the University

తిరుపతి / Tirupati

తేది / Date : 27th October, 2010



పరీక్షల నియంత్రణాధికారి
Controller of Examinations



SRI VENKATESWARA UNIVERSITY

Provisional Certificate cum Consolidated Marks Memorandum (CBCS)

Reg. No.: 2420768014

This is to certify that Mr./Ms. Padmavathi Manchineellu
self for the award of Degree of Master of SCIENCE
the examination in the FIRST(A+ GRADE)
:II(A) - PHYSICS
presentation of the Degree of Master of SCIENCE
CREDIT SYSTEM (CBCS). SPL. IN ELECTRONICS

has qualified himself / her-
He / She having passed
with branch
and that he / she has done all that is necessary for the formal
under CHOICE BASED

MARCH 2008

The following are the marks secured by the Candidate :

PAPER TITLES	Max. Marks	Credits	Marks Secured	Year of Passing	PAPER TITLES	Max. Marks	Credits	Marks Secured	Year of Passing
FIRST SEMESTER					THIRD SEMESTER				
CLASSICAL MECHANICS AND U-EXAM 80	43	06N			QUANTUM MECHANICS-I U-EXAM 80	43	070		
THEORY OF RELATIVITY SESS&U-EXAM 100	4	59	06N		SESS&U-EXAM 100	4	60	070	
ATOMIC AND MOLECULAR PHYSICS U-EXAM 80	56	06N			ANALYTICAL TECHNIQUES / EXTERN U-EXAM 80	45	070		
SESS&U-EXAM 100	4	72	06N		AL ELECTIVE SESS&U-EXAM 100	4	60	070	
SOLID STATE PHYSICS U-EXAM 80	47	06N			PHYSICS OF SEMICONDUCTOR DEVIC U-EXAM 80	44	070		
SESS&U-EXAM 100	4	63	06N		ES SESS&U-EXAM 100	4	59	070	
ANALOG AND DIGITAL ELECTRONICS U-EXAM 80	50	07N			ELECTRONICS - ADVANCED MICROPR U-EXAM 80	43	070		
SESS&U-EXAM 100	4	66	07N		CESSORS AND MICRO COMPUTERS SESS&U-EXAM 100	4	61	070	
PRACTICAL-I::GENERAL U-EXAM 100	4	81	06N		COMPUTER LABORATORY PRACTICALS U-EXAM 80	4	66	070	
PRACTICAL-II: ELECTRONICS U-EXAM 100	4	84	06N		INTERNAL ELECTIVE PRACTICAL-I U-EXAM 80	4	65	070	
					RECORDS U-EXAM 20	17	070		
					VIVA-VOCE U-EXAM 20	16	070		
WAM: 70.80 GPA: 7.08					WAM: 67.30 GPA: 6.73				
SECOND SEMESTER					FOURTH SEMESTER				
STATISTICAL MECHANICS U-EXAM 80	38	074			QUANTUM MECHANICS-II U-EXAM 80	59	083		
SESS&U-EXAM 100	4	50	074		SESS&U-EXAM 100	4	78	083	
ELECTROMAGNETIC THEORY, LASERS U-EXAM 80	44	074			NUCLEAR AND PARTICLE PHYSICS U-EXAM 80	37	083		
AND MODERN OPTICS SESS&U-EXAM 100	4	59	074		SESS&U-EXAM 100	4	53	083	
MATHEMATICAL PHYSICS U-EXAM 80	41	074			ADVANCES IN PHYSICS U-EXAM 80	50	083		
SESS&U-EXAM 100	4	53	074		SESS&U-EXAM 100	4	66	083	
COMPUTATIONAL METHODS AND U-EXAM 80	56	074			ELECTRONICS-ADVANCED COMMUNICA U-EXAM 80	55	083		
PROGRAMMING SESS&U-EXAM 100	4	70	074		TION ELECTRONICS SESS&U-EXAM 100	4	73	083	
PRACTICAL-I (GENERAL) U-EXAM 80	4	66	074		GENERAL PRACTICALS LABORATORY U-EXAM 80	8	67	083	
PRACTICAL-II (ELECTRONICS) U-EXAM 80	4	68	074		INTERNAL ELECTIVE PRACTICAL-II U-EXAM 80	69	083		
RECORDS U-EXAM 20	16	074			, RECORDS, VIVA-VOCE				
VIVA-VOCE U-EXAM 20	16	074			RECORDS U-EXAM 20	17	083		
					VIVA-VOCE U-EXAM 20	16	083		
WAM: 66.30 GPA: 6.63					WAM: 73.10 GPA: 7.31				

Overall Weighted Percentage of Marks (OWPM) : 69.40

Cumulative Grade Point Average (CGPA) : 6.94

Total Marks secured : 1666 (one six six six)

Note: 'e' SELF STUDY COURSE

Date: 13 JUN 2008

Read by: *[Signature]*
* Passed paper wise
Sl. No.

Compared by: *[Signature]*

Suptd: *[Signature]*

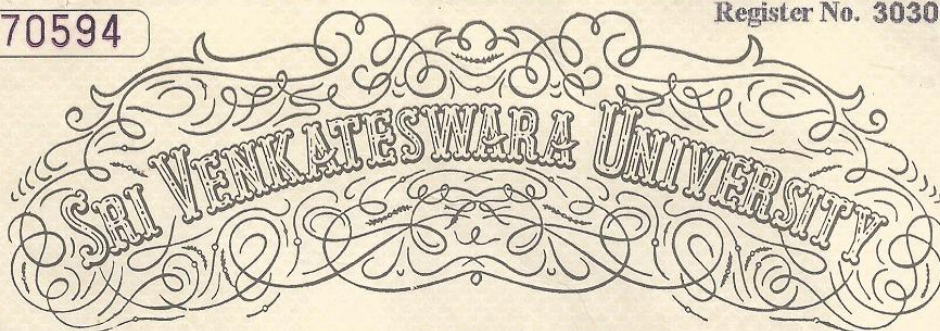
Controller of Examinations
Sri Venkateswara University

Note : Any discrepancy in the above entries or between the results published and the marks noted above, must be brought to the notice of the Controller of Examinations, immediately.

001421

Sl. No.: B70594

Register No. 303011067



Faculty of Science

This is to Certify that

Padmavathi Manchineellu

Daughter of Subbarayudu M

has been admitted to the DEGREE OF BACHELOR OF SCIENCE, having been certified by duly appointed examiners to be qualified to receive the same, at the Examination prescribed therefor as hereunder :

MONTH & YEAR	SUBJECTS	CLASS
APRIL 2004	Part I - (A) English	Second
APRIL 2004	(B) Another Language	
	Telugu	
APRIL 2004	(C) Indian Heritage & Culture and Science & Civilization	
	Telugu Medium	
	Part II : (Chosen Subjects)	
APRIL 2005	MATHEMATICS	Distinction
APRIL 2005	PHYSICS	
APRIL 2005	CHEMISTRY	

Given under the Seal of the University

Tirupati
Dated **19th August, 2006**



Sealmanam
Controller of Examinations



SRI VENKATESWARA UNIVERSITY

Provisional Certificate cum Consolidated Marks Memorandum

Reg. No.: 303011067

This is to certify that Sri/Smt. Padmavathi Manchineellu has
qualified himself / herself for the Degree of Bachelor of SCIENCE
(B.C.S. Yearly Examination Scheme) in this University, he/she having been declared to have passed the Examination
prescribed therefor as follows and that he/she has done all that is necessary for the formal presentation for the
Degree of Bachelor of SCIENCE (TELUGU Medium) in APRIL 2005

The following are the marks secured by the candidate :

PART-I SUBJECTS	Max Marks	Pass Marks	Marks Secured	Year of Passing	
FIRST YEAR EXAMINATION					
(A) English-I	100	35	72	03A	
(B) Another Lang.: TELUGU	100	35	57	03A	
(C) Indian Heritage & Culture	50	18	34	03A	
SECOND YEAR EXAMINATION					
(A) English-II	100	35	45	04A	
(B) Another Lang.: TELUGU	100	35	50	04A	
(C) Science & Civilisation	50	18	28	04A	
					Total marks secured in Part-I 286 (two eight six)
					Class awarded in Part-1 SECOND

PART-II SUBJECTS	THEORY MARKS				PRACTICAL MARKS			
	Max Marks	Pass Marks	Marks Secured	Year of Pass	Max Marks	Pass Marks	Marks Secured	Year of Pass
I YEAR EXAMINATION								
MATHEMATICS-I	150	53	150	03A				
PHYSICS-I	100	35	91	03A	50	18	47	03A
CHEMISTRY-I	100	35	69	03A	50	18	38	03A
II YEAR EXAMINATION								
MATHEMATICS-II	150	53	146	04A				
PHYSICS-II	100	35	76	04A	50	18	46	04A
CHEMISTRY-II	100	35	86	04A	50	18	48	04A
III YEAR EXAMINATION								
MATHEMATICS-III	150	53	140	05A				
MATHEMATICS-IV	150	53	140	05A				
PHYSICS-III	100	35	85	05A	50	18	48	05A
PHYSICS-IV	100	35	63	05A	50	18	41	05A
CHEMISTRY-III	100	35	61	05A	50	18	49	05A
CHEMISTRY-IV	100	35	68	05A	50	18	47	05A

Total Marks

Secured in Part-II **1539** (one five three nine)

Class awarded in Part-II **DISTINCTION**

Date: 06-06-2005
Tirupati, (A.P.)

SL No: **B056373**

Read by

Compared by:

Suptd.

Assistant Administrative Officer (Exams,
Sri Venkateswara University
CONTROLLER OF EXAMINATIONS

Note: Any discrepancy in the above entries or between the results published and the marks noted above, must be brought to the notice of the Controller of Examinations, IMMEDIATELY.

Sl. No. **C311668**

12/2915/C311668



Board of Intermediate Education A. P.

Vidya Bhavan, Nampally, Hyderabad- 500 001



PASS CERTIFICATE CUM MEMORANDUM OF MARKS

This is to certify that **PADMAVATHI MANCHINEELLU** ~~XXX~~ /daughter
of **SUBBARAYUDU M** passed the
Intermediate Public Examination held in **MARCH 2002**
with Registered No. : **5247767** in **TELUGU** medium
and is placed in **FIRST DIVISION.**

The subjects in which he/she is examined and the marks awarded are as follows :

Subject		Paper-I		Paper-II	
		Maximum Marks	Marks Obtained	Maximum Marks	Marks Obtained
Part - 1 :	ENGLISH	100	080	100	083
Part - 2 :	SANSKRIT	100	096	100	094
Part - 3 :					
Optional Subjects	MATHEMATICS-A	075	062	075	075
	MATHEMATICS-B	075	075	075	075
	PHYSICS	060	047	060	047
	PHYSICS PRACTICAL			030	030
	CHEMISTRY	060	056	060	048
	CHEMISTRY PRACTICAL			030	030
VOID					
Total Marks In Figures	898				
In Words	EIGHT *NINE**EIGHT*				
Date	10-05-2002				

PRINCIPAL

Sri Jayastee Junior College,
Signature of the Principal and College Seal

Controller of Examinations

NOTE: ELIGIBILITY RULES ARE OVERLEAF. * INDICATES MARKS OBTAINED AT EARLIER EXAMINATION.

Certificate No: 101825



GOVERNMENT OF ANDHRA PRADESH

STATE ELIGIBILITY TEST FOR ASSISTANT PROFESSOR / LECTURESHIP



Conducted by

Osmania University

University with Potential for Excellence (UPE)

Re-Accredited with 'A' Grade by NAAC

(Valid in the State of Andhra Pradesh only)

Government of Andhra Pradesh

G.O.Ms.No. 155/Higher Education (CE-I-1) Department dt: 08-12-2011

UGC Letter No. F.7-10/2012 (NET) dt: 28-03-2012



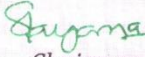
APSET Ref No.: 1825S/APSET/JULY/2012 H.T. No.: 111600546

Certified that **PADMAVATHI MANCHINEELLU**

Son/Daughter of **SUBBARAYUDU M** (Father) and
VEERAMMA M (Mother) has qualified the
Andhra Pradesh State Eligibility Test (APSET-2012) for Assistant
Professor/Lectureship held on **27th July, 2012** in the Subject
PHYSICAL SCIENCES

The validity of the certificate is forever.


Member Secretary
APSET


Chairman
APSET

Date of Issue: March 15, 2013

Note: Osmania University, Hyderabad issued the certificate on behalf of Government of Andhra Pradesh & UGC, New Delhi on the basis of information provided by the candidate in his/her application form. The appointing authority should verify the original records/certificates of the candidate while considering him/her appointment.

The candidate must complete UGC specified Master's Degree within Two years from the date of conduct of **APSET** Examination, if not completed already.