CURRICULUM VITAE

Dr. P. V. Divya Rupa M.Sc., Ph.D.
SF3, Second Floor, Sri Nilaya Residency,
Sri Krishna colony, Tadigadapa Donka Road,
Yenamallakuduru Lakullu, Near Masjid
Vijayawada 520007
Mob. No. +91-9618189428/ 9701482894
e-mail ID: divya_rupa8@yahoo.com

Career Objective:

Looking forward for an desirable position at reputed institutions with previous work experiences can be useful for my personal growth and as well for the students in achieving their professional growth.

Work Experience:

Teaching Experience:

From June 2018 to May 2020

Worked as an Assistant Professor at Department of Biochemistry, Maharajah's Post Graduate college (MRPG), MANSAS Institutions, Vizianagaram.

Desirable qualities for academics

- Selected as an internal examiner within an year of joining.
- Engaging students in seminars, workshops with one to one approach.
- Ability to handle and complete the syllabus according to curriculum and provided specific information and required documentation for progress.
- Strong organizational skills and proficient with MS office tools.

November 2012 to April 2013

Worked as Junior Lecturer for chemistry at Sri Chaitanya Junior College, Asilmetta, Visakhapatnam.

Research Experience:

Worked as Junior Research Fellow (JRF) from June 2013-June 2015 and senior Research Fellow (SRF) from July 2015-August 2016 on project entitled "Deciphering the role of zinc transporter (*tzn-1*) in conidiation process of *Neurospora crassa*" funded by Department of Science and Technology (DST-SERB), Govt. of India, New Delhi, India at GITAM (Deemed to be University), Visakhapatnam.

- ✦ Work includes the culturing, preservation of fungal and bacterial strains and phenotypical characterization by SEM Studies.

- ✦ Elemental studies by ICP-MS analysis and structural studies of the fungal genes by *insilico* analysis.
- ✦ Work includes the study of fungal KO genes by proteomic analysis by 1D, 2D gels and MALDI-PMF sequence analysis, and further identifying the genes by *in silico* approach.
- ✦ Genomic studies of fungal strains by PCR and quantitative real time PCR (qRT-PCR) studies.

Educational Qualifications:

- ➢ Awarded **Ph.D. (Full-Time) in Biochemistry** for research thesis entitled "Deciphering the role of membrane located high affinity zinc transporter (*tzn-1*) in conidiation process of *Neurospora crassa*" on **Sep, 2018** under the guidance of Dr. P. Kiranmayi, GIS and co-guidance of Dr. K. Prameela, GIT, GITAM (Deemed to be) University, Visakhapatnam, Andhra Pradesh.
- ➢ Pursued **Master's degree of Science in Biochemistry** from Acharya Nagarjuna University, Guntur, Andhra Pradesh. Secured **First Class** (68.95%), **2009-2011.**
- ➢ Pursued **Bachelor's degree of Science (Microbiology, Biochemistry and Chemistry)** from the SDM Siddhartha Mahila kalasala , vijayawada under Acharya Nagarjuna University, Guntur, Andhra Pradesh. Secured **First Class** (77.08%), **2006-2009.**
- ➢ **Board of Intermediate (Bi.P.C**.) from Sri Chaitanya Junior College, Vijayawada, Andhra Pradesh. Secured **First Class** (85.6%), **2004-2006.**
- ➢ **SSC** from St. Joseph's Girls High School, Guntur, Andhra Pradesh. Secured **First Class** (81%), **2004.**

Research Publications:

1. **DivyaRupa, P. V.,** Kunal Zaveri, Kiranmayi, P., Molecular modeling and dynamic simulations of zinc transporter (*tzn-1*) protein from *Neurospora crassa. International Journal of Computational Bioinformatics and In Silico Modeling*, Vol. 4, No. 4, pp. 683-690, (July 2015).
2. Raju DSSk, Kiranmayi Patnala and **DivyaRupa P V.,** "Kidney Disease as a Risk Factor for the development of Anaemia". *World Journal of Pharmacy and Pharmaceutical Sciences,* Vol.4, No. 8, pp. 845-859, (2015). ISSN 2278-4357 (IF : 8.0).
3. **P.V. DivyaRupa,** Gadi Jogeswar and Patnala Kiranmayi., Zinc Transporter Protein (*tzn-1)* may also Play a Role in Conidiation Pathway of *Neurospora crassa*: An Insight using Proteogenomic Approach. *Protein and Peptide letters,* Feb 8, 24(12): 1120-1129. doi:10.2174/0929866524666170920114503 (IF: 1.0).

Seminars/Conferences/ Workshops:

- ✦ Participated in "Workshop on Patent Awareness" organized by GITAM (Deemed to be University) and sponsored by Department of Science and Technology, Govt. of India, New Delhi (October, 2013).

- ✦ Presented Poster entitled "Zinc transporter (*tzn-1*) plays a crucial role in conidiation process of *Neurospora crassa*" in International conference on biotechnology and bioinformatics (ICBB) held at Pune, Maharashtra, India (February, 2014).
- ✦ Participated in 8-day training programe on "Applications of Nano technology" organized by GITAM Institute of Technology, GITAM (Deemed to be University), Visakhapatnam (August, 2014).
- ✦ Participated in National Conference on "Natural Therapeutics for Cancer, Diabetes, and Renal Diseases" (NTCDR) organized by Department of Biochemistry and Bioinformatics, GITAM Institute of Science, GITAM (Deemed to be University), Visakhapatnam (March, 2015).
- ✦ Participated in the event "World Cancer Day" organized by Department of Biochemistry and Bioinformatics, GITAM Institute of Science, GITAM (Deemed to be University), Visakhapatnam (February, 2017).
- ✦ Participated in Faculty orientation course organized by MANSAS educational institutions, Fort, Vizianagaram (June, 2018).
- ✦ 2-Day Faculty Development Programme on **"**Recent advances in r-DNA Technology and Immunodiagnostics" RADI-2018 jointly organized by Department of Life Sciences, Maharajah's Post Graduate College and Department of Zoology, Maharajah's Auotonomous College, Vizianagaram (December, 2018).
- ✦ 2-day workshop Programme on "**Recombinant DNA and Bioanalytical Techniques (RDBT-2019)"** organized by Department of Life Sciences, Maharajah's Post Graduate College, Vizianagaram (February, 2019).
- ✦ Participated in one day National webinar on "Diagnostic Techniques on Virus Detection" jointly organized by Department of Botany and zoology, SCNR Government Degree College, Prodatur, YSR kadapa via Google meet App (May, 2020).
- ✦ Participated in 3-Day International E-conference on "Recent Trends on Drug Discovery, Diagnostics and Therapeutics: A special emphasis on covid-19" organized by Department of Biotechnology VIGNAN's (Deemed to be) University in association with Kansas State university, LLB School, Ap Akademi of Sciences and AI quad university (July, 2020).
- ✦ Participated in 2-Day Virtual international conference on "Recent Trends in Biochemistry and Molecular Biology" RTBMB-2021 organized by Department of Biochemistry, Andhra University, Visakhapatnam (January, 2021).

***In vitro, in vivo* and *insilico* Techniques:**

Molecular Biology Techniques

- **Genomic studies** [Complementation analysis; Isolations of genomic DNA, RNA and cDNA; PCR and Quantitative Real Time PCR (qRTPCR)].
- **Proteomic studies** [Isolation and characterization of proteins; SDS-PAGE and 2D-gel electrophoresis; MALDI-TOF analysis and HPLC (binary gradient)].

Basic Biochemical and Microbial Techniques

- Isolation, Characterization, Sub-culturing and Preservation of Fungi, and Bacterial cultures

Learnt Bioinformatics Tools: Modelling, BLAST, retrieving the gene sequences, Docking.

Hands on expertise with:

- PCR [Bio-Rad Mini Opticon, Qiagen (RGQ 5 Plex HRM) and Hi-media (Insta Q96™)]
- Electrophoretic gels and chambers (SDS-PAGE, 2D gels) llHPLC (binary gradient)
- Gradient PCR (Eppendorf make)
- UV-Spectrophotometer (Nanodrop, Perkin-Elmer)
- Lyophilizer
- Cooling Micro centrifuge (Eppendorf 5415R)

Extra-curricular Activities:

- Participated and Winner in Essay Writing Competition Conducted by Department of Environmental Sciences in Collaboration with Non-Conventional Energy Development Corporation of Andhra Pradesh Ltd., on the eve of Rajiv Gandhi Akshay Urja Diwas (Renewable Energy Day) held at Acharya Nagarjuna University, Guntur, 2010.
- Participated in Science Exhibition from the Department of Biochemistry held at Acharya Nagarjuna University, Guntur, 2010.

Personal Details:

Name	: Pandala V DivyaRupa (As per SSC)
Father Name	: Late P. V. Rama Murthy
Mother Name	: P. Rajya Lakshmi
Marital status	: Married – Single Mother
Children	: 1 child (4yr old)
Date of Birth	: 01-10-1988
Nationality	: Indian
Religion	: Hindu
Hobbies	: Painting, crafting and learning new skills

Languages Known: English, Telugu (Mother Tongue), and Hindi (Rashtrabasha qualified)

Declaration

I hereby declare that all the information given above is true and correct to the best of my knowledge and belief.

Place: Vijayawada

Date:

Signature

(P.V. Divya Rupa)

Phones : 08922-275912 (Off)
08922-278946 (D)
Fax : 224295 (Dir)
Res : 08922-272967
Mobile : 9440348636

ESTD : 1987

Maharajah's Post Graduate College

Listed U/S 2(f) & 12(B) of UGC Act 1956
(Under the Management of MANSAS Trust)
Phool Baugh, Vizianagaram - 535 002

(SELF FINANCE UN-AIDED COLLEGE)

Sri S.V.N.L.Narayana , M.Sc., M.Phil., M/Teh
Director

Date: 02.06.2020

SERVICE CERTIFICATE

This is to certify that Dr.P.V.Divya Rupa worked as *Assistant Professor*, Department of Biochemistry, M.R.P.G. College, Phool Baugh, Vizianagaram, from 18.06.2018 to 18.05.2020.

Her conduct and character are found to be satisfactory.

DIRECTOR

Director
M. R. P. G. College
VIZIANAGARAM

Courses Offered :

- M.Com.
- M.A. (Economics)
- M.A. (History)
- M.A. (Social Work)
- M.A. (English)
- M.Sc. (Mathematics)
- M.Sc. (Physics)
- M.Sc. (Microbiology)
- M.Sc. (Biochemistry)
- M.Sc. (Organic, Analytical Chemistry)
- M.B.A
- BBA

Endt.No. GITAM/DOE/PC/Ph.D/2018 Regd.No.1263212203

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

F 000162

GITAM
(Deemed to be University)
(Estd. u/s 3 of the UGC Act, 1956)

Provisional Certificate
Doctor of Philosophy

This is to certify that Mr./Ms. ***Pandala V Divya Rupa*** *has qualified for the award of Doctor of Philosophy (Ph.D.) degree by Research for the Thesis entitle* ***" Deciphering the Role of Membrane Located High Affinity Zinc Transporter (tzn-1) in Conidiation Process of Neurospora Crassa"*** *and has done all that is necessary for the formal presentation of the Ph.D. degree in the* ***Faculty of Science*** *in the year* ***2018****.*

Prepared by:

Verified by:

Visakhapatnam

Date:20-09-2018

Controller of Examinations

ACHARYA NAGARJUNA UNIVERSITY

124354

Regd. No. Y10BCZ0005

PROVISIONAL CERTIFICATE

This is to Certify that

PANDALA V DIVYA RUPA
D/o P V RAMA MURTHY PANDALA

has qualified himself / herself for the Degree of Master of SCIENCE

IN BIO-CHEMISTRY

in this University, he/ she having been declared to have passed the Examination prescribed therefor held in APRIL 2011 *in* FIRST *class and that he/she has done all that is necessary for the formal presentation for the Degree of* MASTER OF SCIENCE.

Nagarjuna Nagar

Date 16-07-2011

Signature of the Principal

PRINCIPAL
UNIVERSITY COLLEGE OF SCIENCES
Acharya Nagarjuna University
Nagarjunanagar - 522 510

FOR CONTROLLER OF EXAMINATIONS

Regd. No. : 063729

ACHARYA NAGARJUNA UNIVERSITY
ఆచార్య నాగార్జున విశ్వవిద్యాలయము

FACULTY OF NATURAL SCIENCES
ఫాకల్టీ ఆఫ్ నాచురల్ సైన్స్

This is to certify that
ధృవీకరణ

Mr./Ms. శ్రీ/శ్రీమతి/కుమారి *Pandala V Divya Rupa*

Son/Daughter of కుమారుడు/కుమార్తె *P V Rama Murthy*

has been duly admitted to the Degree of **Bachelor of Science**
బ్యాచులర్ ఆఫ్ సైన్స్ పట్టాప్రధానానికి అర్హతపొందినందున

from SDMSM Kalasala (Autonomous), Vijayawada

of this University he/she having been declared to have passed the examination prescribed therefor as follows :
ఈ విశ్వవిద్యాలయం నుంచి కింద సూచించిన విధంగా అతడు/ఆమె పట్టాకు నిర్దేశించిన పరీక్షలో ఉత్తీర్ణత పొందినట్లు ప్రకటించబడింది :

	Subjects అభ్యసించిన అంశాలు	Month & Year of Passing ఉత్తీర్ణత పొందిన నెల, సంవత్సరం	Class Awarded పొందిన శ్రేణి
Part I	English, Telugu THC & Value Education SC and Env.Studies	April 2008	First Class
Part II	Microbiology Biochemistry Chemistry	April 2009	First Class

COPY NOT VALID

Given under the Seal of the University
విశ్వవిద్యాలయ అధికార ముద్రతో జారీచేయబడినది.

Nagarjuna Nagar-522 510. A.P, India
నాగార్జున నగరం-522 510, ఆంధ్రప్రదేశ్, భారతదేశము.

Date తేది 14 NOV 2010

Addl. Controller of Examinations
అదనపు పరీక్షల నిర్వహణాధికారి

05014389

Sl. No. **F081033**

05/05067/F081033

Board of Intermediate Education, A. P.

Vidya Bhavan, Nampally, Hyderabad - 500 001

INTERMEDIATE
PASS CERTIFICATE CUM MEMORANDUM OF MARKS

This is to certify that **PANDALA V DIVYA RUPA** **daughter** of **P V RAMA MURTHY** bearing Registered No. **060547278** has appeared at the Intermediate Public Examination held in **MARCH-2006** and passed **in A GRADE** with **ENGLISH** as the Medium of Instruction.

The subjects in which **she** was examined and the marks awarded are as follows :

Subject		I Year		II Year	
		Maximum Marks	Marks Secured	Maximum Marks	Marks Secured
Part - 1 :	**ENGLISH**	100	083	100	087
Part - 2 :	**SANSKRIT**	100	094	100	096
Part - 3 : Optional Subjects	**BOTANY**	060	051	060	054
	ZOOLOGY	060	046	060	046
	PHYSICS	060	050	060	041
	CHEMISTRY	060	044	060	049
	BOTANY PRACTICAL			030	030
	ZOOLOGY PRACTICAL			030	029
	PHYSICS PRACTICAL			030	029
	CHEMISTRY PRACTICAL			030	027

Total Marks In Figures	856 ⇨ 856
In words	***EIGHT*FIVE**SIX****
Date	**24-04-2006**

Principal
Sri Chaitanya Co-op Jr.Mahila Kalasala
Kanuru Bypass Road
Patamata Lanka, VIJAYAWADA-10.

Signature of the Principal and College Seal

Controller of Examinations

E4 - SEE ELIGIBILITY RULES OVERLEAF. ( ) INDICATES MARKS OBTAINED AT AN EARLIER EXAMINATION

060547278

BOARD OF SECONDARY EDUCATION
ANDHRA PRADESH

SECONDARY SCHOOL CERTIFICATE

ST JOSEPH'S GIRLS HIGH SCHOOL English Medium GUNTUR

CC 549559

PG15/H07TU/685 30/8

CERTIFIED THAT **PANDALA V DIVYA RUPA**

D/O **P V RAMA MURTHY** Bearing Roll No **0350270**

belongs to **ST JOSEPH S GIRLS HIGH SCHOOL GUNTUR**

has appeared and PASSED at the SSC EXAMINATION held in MARCH 2004 in **FIRST**

Division with **ENGLISH** as the medium of instruction.

DATE OF BIRTH OF THE CANDIDATE	DAY	MONTH	YEAR
01/10/1988	ZERO ONE	OCTOBER	ONE NINE EIGHT EIGHT

THE CANDIDATE SECURED THE FOLLOWING PERCENTAGE OF MARKS

SUBJECT		Marks Secured (in figures)	Marks Secured (in words)
FIRST LANGUAGE : (TELUGU /SANSKRIT)		89	EIGHT NINE
THIRD LANGUAGE : ENGLISH		84	EIGHT FOUR
MATHEMATICS :		85	EIGHT FIVE
GENERAL SCIENCE :		65	SIX FIVE
SOCIAL STUDIES :		85	EIGHT FIVE
TOTAL :		408	(FOUR ZERO EIGHT)
SECOND LANGUAGE : (HINDI)		78	SEVEN EIGHT
GRAND TOTAL :	486	486	(FOUR EIGHT SIX)

Life Skills Education : GRADE SECURED :

Marks of Identification : 1. 1 A mole on the left side of the neck
2 A mole on the right side of the chin
2.

Head of Institution with School Stamp

Headmistress

ST. JOSEPH'S GIRLS HIGH SCHOOL English Medium GUNTUR

Date of issue : 30-04-2004

SECRETARY
BOARD OF SECONDARY EDUCATION
A P, HYDERABAD

1.Life skills Education : The Grade shall be incorporated by the respective Heads of the Institutions before delivery of the certificates to the candidates.
2.Any corrections in the certificate will not be entertained after one year from the date of issue .
3.Any unauthorised correction in the certificate will result in cancellation of certificate.
4.The Marks with asterisk indicates the old marks secured in previous appearances.

2004

BT

GITAM UNIVERSITY

(Estd u/s 3 of the UGC Act, 1956)
Accredited by **NAAC** with **"A"** Grade
Gandhinagar Campus, Rushikonda, Visakhapatnam – 530 045, A.P., India
Telephone 0891-2840501/ 2795311, Telefax 0891-2795312

GU/DUGCA&RA/DST-13/2015 /4476 18 AUG 2015

PROCEEDINGS OF THE VICE-CHANCELLOR

Sub: GIS – Dept. of Biotechnology – Dr. P. Kiranmayi, Principal Investigator, DST research project – Ms. Pandala V Divya Rupa, JRF for consideration to SRF - Orders - Issued.

Read: a. DST sanction order No. SR/FT/LS-105/2012, dt. 18.12.2012.
b. Proc. No. GU/DUGCA&RA/DST-13/2015/4412 dt. 31.07.2015.
c. Minutes of the review committee dt. 04.08.2015.
d. Letter dt. 05.08.2015 from the Principal Investigator.
e. DUGCA&RA office note dt. 07.08.2015.

ORDER

The Vice-Chancellor, having considered the letter read (d) above, hereby orders to consider Ms. Pandala V Divya Rupa, JRF as Senior Research Fellow on a consolidated fellowship of ₹. 14,000/- plus 20% HRA pm w.e.f. 28.06.2015 for the remaining period of the DST project entitled *"Deciphering the role of Zink transporter in conidiation process of Neurospora crassa"* of Dr. P. Kiranmayi, Asst. Professor, Dept. of Biotechnology, GIS, as per the recommendations of the Review Committee. The other terms and conditions of his initial appointment (JRF) remains unchanged.

(BY ORDER)

REGISTRAR

To,
Ms. Pandala V Divya Rupa
JRF, DST project
Dept. of Biotechnology, GIS
GITAM University
Visakhapatnam

Copy to: Director, UGCA&RA/ Principal, GIS/ HoD- Biotechnology / JR(Estt) / PI

GITAM UNIVERSITY

(Estd. u/s 3 of the UGC Act, 1956)
Accredited by NAAC with "A" Grade
Gandhinagar Campus, Rushikonda, Visakhapatnam – 530 045, A.P., India
Telephone: 0891-2840501/ 2795311, Telefax: 0891-2795312

GU/ DUGCA&RA /GIS/BC/JRF/2013/1154 22.06.2013

PROCEEDINGS OF THE VICE CHANCELLOR

Sub: Appointment of Junior Research Fellow for DST Project – reg.

Read: 1. DST Sanction order No. SR/FT/LS-105/2012 dt. 18.12.2013
2. Proc. No. GU/DUGCA&RA/GIS/BC/JRF/2013/1007 dt. 20.04.2013.
3. Minutes of the selection committee dt. 29.04.2013
4. DUGCA&RA Office Note dt. 01.06.2013.

ORDER

The Vice Chancellor having considered the letters read above, has ordered the following person be appointed temporarily as **Junior Research Fellow** on the DST project entitled *"Deciphering the role of zinc transporter in conidiation process of Neurospora crassa"* on adhoc basis and consolidated salary for a period of **Three years**.

The candidate should appear before the review committee, constituted by Head of the Institution after completion of two years service as JRF, for consideration as Senior Research Fellow. The Senior Research Fellowship will be provided after successful assessment by the review committee.

Name & Address of the candidate	Designation & Place of posting	Salary
Mrs. Pandala V Divya Rupa Flat No. 404, 'B' Block East Point Colony Visakhapatnam – 530 017	Junior Research Fellow Dept Biochemistry Institute of Science GITAM University	₹ 12000/-plus HRA pm for initial 2 years ₹ 14000/-plus HRA pm for third year

The candidate is directed to report to Dr. P. Kiranmayi, Principal Investigator of the above project & Asst. Professor, Dept. of Biochemistry, GITAM Institute of Science, GITAM University, on or before **30.06.2013** failing which offer of appointment shall be treated as cancelled. Her appointment is subject to rules, regulations and other conditions of the University that are in force and that may be amended from time to time.

The candidate should produce the following documents/ certificates in **original** to the Joint Registrar (Estt), Central Administrative Office, GITAM University for verification before joining duty, failing which her salary cannot be drawn.

1. Certificates in proof of educational qualifications
2. Certificate in proof of date of birth
3. Physical fitness certificate from a Registered Medical Practitioner or a Medical Officer not below the rank of Asst. Civil Surgeon in the Govt. Hospital.

(BY ORDER)

REGISTRAR

To,
Mrs. Pandala V Divya Rupa
Flat No. 404, 'B' Block
East Point Colony
Visakhapatnam – 530 017

Copy to: Principal, GIS/ Director, UGCA&RA/ HoD-Biochemistry / JR(Estt) / PI

महाराष्ट्र राष्ट्रभाषा सभा पुणे

प्रमाणपत्र

क्रमांक १२०८

श्री दिव्यरूपा राममूर्ति मूर्ति को

परभणी केंद्र से सितंबर २००१ की

राष्ट्रभाषा सुबोध

परीक्षा दूसरी श्रेणी में उत्तीर्ण होने के कारण यह प्रमाणपत्र दिया जाता है ।

सचिव.

विद्या समिति

महाराष्ट्र राष्ट्रभाषा सभा