

Curriculum Vitae
of
Dr. G. Pushpa Chakrapani

Name: GHANTA PUSHPA CHAKRAPANI

Present Position: **Professor & Head,**
Dept of Physics
Dr.B.R.Ambedkar Open University
Jubilee Hills, Hyderabad-500 033
Telangana, INDIA
&
Director
Prof.G.Ramreddy Research Academy of Distance
Education,(GRADE) &
Center for Internal Quality Assurance(CIQA)
Dr.B.Ambedkar Open University
Jubilee Hills, Hyderabad-500 033
Telangana State, India
www.braou.ac.in

Education: Ph.D in Physics
(Area of Specialization: Biophysics)
Osmania University
Hyderabad-500 007
Telangana State, India

Doctoral Thesis:
“Studies on Viscoelasticity of Normal and Diseased Human Blood and its Constituents”

Ph.D in Education
Osmania University
Hyderabad-500 007
Telangana State, India

Doctoral Thesis:
“Images of Science in the Open and Conventional Institutions of Learning”

M.Phil in Physics
S.V.University PG centre
Kurnool
Andhra Pradesh

Title of Dissertation

*“Synthesis and Characterization of Ceramic materials
For Microwave applications”*

M.Sc Physics
S.V.University PG centre
Kurnool
Andhra Pradesh

Teaching /Research Experience: 26 years

TEACHING & CONTRIBUTION TO ACADEMIA

1. Teacher Distinction :

As a teacher in the Department of Physics involved in Curriculum Development, Designing of course materials, Course Coordination, Writing and Editing of Instructional Materials, Academic Counseling and Students Evaluation.

Curriculum Development: The University has taken a decision to implement CBCS pattern for Undergraduate programme from the academic year 2017 onwards, curriculum development meetings have been organized and new syllabus is drafted as per the CBCS model.

1.1. Course Development:

Course Editor/Associate Editor:

- Course Editor for M.Sc Physics, Course IV
- Course Editor for B.Sc. Physics, Semester I, II, III & IV Theory (CBCS Mode, newly implemented by the University)
- Course Editor for B.Sc. Physics Practical lab manual for Sem. I, Sem II, Sem III & Sem. IV
- Course Editor for Skill Enhancement Elective I Course
- Course Editor for Skill Enhancement Elective II Course
- Associate Editor for B.Sc. Physics Courses
- Associate Editor for M.Sc. Physics Courses

Course Writing:

- Course Writer for Skill Enhancement Elective II Course
- Course Writer for P.G. Diploma in Environmental Studies (PGDES) offered by Dr. BRAOU
- Course Writer for U.G Programme (B.Sc.) Physics of Dr. BRAOU
- Course Writer for P.G. Programme (M.Sc.) Physics of Dr. BRAOU

Course Coordinator:

- Coordinator, Physical Science in PGDES offered by Dr.BRAOU
- Coordinator for UG programme of DR.BRAOU
- Coordinator for M.Sc. Physics programme of Dr.BRAOU
- Programme coordinator for M.Sc. Physics

Curriculum Development:

The University has taken a decision to implement Choice Based Credit System(CBCS) pattern for undergraduate programme from the academic year 2017 onwards. As a part of that curriculum development meetings have been organized and new syllabus is drafted as per the CBCS model.

1. Member CBCS draft curriculum committee of Dr.BRAOU
2. Member Curriculum Development Committee of P.G. Diploma in Environmental Studies,(PGDES)
3. Member Curriculum Development committee for P.G.Programme (M.Sc. Physics)of Dr.BRAOU
4. Member Revision Committee of Dr.BRAOU for UG programme
5. Served as the Head, Department of Physics (from 2003-2009, 2011-2013, 2015 to till date) for more than 10 years and introduced new academic programmes at Post Graduation level - M.Sc. Physics
6. As Head Dept of Physics, established the M.Sc. laboratory

1.2. Counseling & Practical Training Classes:

As a science teacher in the Department of Physics involved in counseling sessions for UG&PG and laboratory training classes also. This includes setting up the laboratories and conducting practical training classes as per the schedule and doing hands on experiments.

- Practical Training 10 courses B.Sc.(CBCS System)
- Practical training 8 courses M.Sc.
- Demonstration of Experiments UG & PG

1.3. Evaluation Related Activities:

As a faculty member in the university I have been involved in Evaluation related works also. They are

- Paper setter for B.Sc. and M.Sc. Physics Examinations
- Addl.Chief Examiner for B.Sc. valuation

- Coordinator for M.Sc. valuation
- Moderator for both B.Sc. and M.Sc. exam papers
- Does the internal assessment
- Observer for B.Sc. and M.Sc. examinations
- A member in the flying squad to visit the exam centers

a. **Experience in Educational media :**

As a faculty member in the department, apart from taking counselling classes and laboratory training , also Prepared Video lessons in Physics for B.Sc and M.Sc students which are to be telecasted through Television Network as part of course instructional material.

Produced Radio Lessons and broadcasted through All India Radio for the students of B.Sc and M.Sc Physics.

Conducted Teleconferences which are interactive live television programs on various topics related to Physics and Electronics for the students of B.Sc and M.Sc students.

International Exchange Fellowship Programme

1. Selected for **Association of Asian Open University(AAOU) Exchange fellowship** programme to the **University of the Philippines Open university (UPOU)**,Philippines for 30days programme from 1st November to 30th November,2017.
2. Selected for **Association of Asian Open University(AAOU) Exchange fellowship** programme to the **Korea National Open University**,Korea, 2019for 15 days programme, from 15th April to 26th, April,2019

Research :

- Published more than 20 research articles in international and national Journals
- More than 40 papers presented in National and International Conferences/Seminars and attended workshops
- Supervising 4 Ph.D scholars and 2 M.Phil scholars
- supervised ONE M.Phil work

- Organised more than 30 workshops/symposiums/lecture programmes as Director GRADE& CIQA and also as Director for Women's Development and Extension Center.
- More than 7 research studies brought in GRADE & CIQA

Life Member in many Governing bodies and Professional Societies

Received more than 25 Awards, Honors, Recognitions

Countries Visited: Germany, Hong-Kong, UK, USA, Philippines and Korea.

Received BEST TEACHER AWARD-2019 by the Government of Telangana

Received "Life Time Achievement Award" from Ideal teaching Programme,ITAP-2018 by Tutors Pride