



GOVERNMENT DEGREE COLLEGE

FOR WOMEN, BEGUMPET, HYDERABAD

PHYSICS DEPARTMENT- STUDENTS ACHIEVEMENTS

Significant Achievements of B.Sc. Students

Students of GDC(W) achieved during (2018-20) in different activities

➤ **Four students got PG Ranks in OU-PG CET Physics**



➤ **Attended Jignasa study projects and got state level selections conducted by Agastya foundation**

Students of GDC(W) numbering 10 from B.Sc. II and Final year have actively participated in the Jignasa Study Project conducted by CCE and Agastya Foundation with the topic Silver doped glasses and Smart dustbin. The event was conducted in Ramachandrapuram, Medak in 2018 and 2019 respectively.

The main objective of Jignasa Study Project is to encourage scientific temper and inculcate innovative ideas among students for sustainable development.

➤ **Attended Out Reach programme (Quiz) conducted by Department of Physics, OU, Hyderabad** and Science Exhibition organized by G.Pulla Reddy Degree College, Mehdipatnam

Out Reach programme (Quiz) was conducted by Department of Physics, Osmania University for B.Sc. students in colleges under its jurisdiction with a view to create interest and enthusiasm among them in the year 2019. Five B.Sc. Final year students actively participated in the event.

Six(6) students participated in the Science Exhibition event organized by G.Pulla Reddy Degree College, Mehdipatnam and got First Prize in the event for demonstrating and exhibiting study project on sensors.

➤ **Got consolation prize @ by Vignana Darshini on science day celebrations**

- Vignana Darshini, Scientific organization organized science day celebrations on 29th February 2020. Ten students of B.Sc. participated in the event and got consolation prize for exhibiting science projects on different sensors for sustainable development.

Ten students of B.Sc. participated in the quiz event organized by **DEP.OF PHYSICS**

GDC KHAIRATABAD and first prize for exhibiting science projects on different sensors for sustainable development

- Participated in Swachh Bharat programmes as part of social service activities Forty (40) students of B.Sc. stream actively participated in Swachh Bharat programme organized by Seva Bharathi at Sarojini Devi Eye hospital, Mehdipatnam on 02nd October, 2018 Gandhi Jayanthi day.

Participation in presentation of papers in National conferences

Department of Physics organized National Seminar titled “ Innovations and Developments in Micro, Macro and Nanomaterials”. B.Sc. Final year students actively participated and presented their research papers in the proceedings of the above National Seminar. This participation will arouse scientific temper and orient them towards research in their future endeavours.

➤ **Actively participation in student as aTeacher programme**

- Ten (10) students of B.Sc. from the College donned the role of teacher and taught lessons in Physics for tenth class students in the neighbouring ‘Model School’ in the premises, thereby demonstrated their social contribution.

➤ **Got PG seats and B.Ed seats in reputed institutions**

- Five(5) students of B.Sc. stream took admission in PG and B.Ed seats in reputed institutions in and around Hyderabad.

Department of Physics organized field visits/workshops for the benefit of Student Community and had them first hand knowledge about working of different organizations like Indian Meteorological Department, National Remote Sensing Agency, National Geophysical Research Institute, Birla Science Planetorium, Astronomy Observatory Centre at Rangapur, ARCI,SURVEY OF INDIA etc.

Department of Physics was instrumental in having MoU with Agastya International Foundation, Innovative Technologies, STARS, Dhanwanthari Charitable Trust, TT Hub etc.

Significant Achievements of Dr.Ch.Kanchana Latha M.Sc., M.Phil., Ph.D.

Significant/remarkable achievements of Dr.Ch.Kanchana Latha, Assistant Professor of Physics and Head of the Department of Physics for the period 2018-20

Dr.Ch.Kanchana Latha received Convocation Certificate for her Ph.D. titled “ Gum mediated synthesis and characterization of Indium Oxide nano particles and nano fluids”.

She is appointed as member, Board of Studies, in the Department of Physics, JNTUH for the biannual 2018-20 which is the framing body for syllabus and Pre Ph.D. coursework in affiliated and autonomous colleges under JNTUH.

- Dr.Ch.Kanchana Latha acted as Convenor for one day National Conference titled “Innovations and developments in Micro, Macro and Nanomaterials” conducted on 14th November, 2018 under sponsor by RUSA. Further she also acted as Convenor for one day State Seminar titled “Innovations and Developments in Mathematical Sciences’ conducted on 30th October, 2018 under sponsor by TSCOST. **(Photo9&10)**

Dr.Ch.Kanchana Latha acted as evaluator for Jammu Kashmir Public Service Commission exam and was involved in paper setting for Osmania University annual examination and Government City College during the year 2018-20.

Dr.Ch.Kanchana Latha as part of e-learning uploaded her lectures on many topics of her subject for B.Sc. students on YOU tube. She guided many students in the preparation for PG Entrance. Three students of her are presently studying M.Sc. Physics in reputed institutions.

- She acted as coordinator for JIGNASA Study Projects organized by CCE. **(Photo1)**

Dr.Ch.Kanchana Latha attended workshops, seminar and conferences organized by Universities/Autonomous/Engineering Colleges.

Dr.Ch.Kanchana Latha received best teacher award on Teachers Day from the Government of Telangana on 5th September, 2019. **(Photo11&12)**

She is also the Reviewer of ICMPC(2020) author of Twenty five (25) papers published in reputed International Journals.

Dr.Ch.Kanchana Latha shared her knowledge and expertise in teaching to students of many other colleges in the twin cities on “Extension Lecture” programme. **(Photo 13 & 14)**

She acted as subject expert for selection of Guest Lecturers in GDCs.

Dr.Ch.Kanchana Latha organized field visits/workshops for the benefit of Student Community and had them first hand knowledge about working of different organizations like Indian Meteorological Department, National Remote Sensing Agency, National Geophysical Research Institute, Birla Science Planetarium, Astronomy Observatory Centre at Rangapur, etc.

Dr.Ch.Kanchana Latha was instrumental in having MoU with Agastya International Foundation, Innovative Technologies, STARS, Dhanwanthari Charitable Trust, TT Hub etc.

Dr.Ch.Kanchana Latha also holds the responsibility of NSS programming officer of Unit II which has a strength of 100 students and actively participated in community based service activities.