

JINDAL FIRST GRADE COLLEGE FOR WOMEN

JINDAL NAGAR TUMKUR ROAD, BENGALURU-73

REFLECTION

Volume 1

The spirit of students

2018-19

Vision

Continuous improvement of the quality of scientific research, the development of innovative curriculum and techniques based on research, latest scientific discoveries greater international visibility and recognition of the department.

Mission

- Students to appreciate the structure and functions of the Universe.
- Leads the students to higher learning in Physical, mathematical and Chemical Sciences.
- Train students to contribute to the welfare of the society through science discoveries and inventions.
- To recognize and appreciate the contribution of great scientists in their respective fields.
- To inscribe wisdom of science in them.

Bachelor Of Science (B.Sc.) Physics, Chemistry, Mathematics

Bachelor of science is a three year course to study various aspects of Physics, Chemistry and Mathematics.

Scope Of The B.Sc. Course

The scope of this course is very wide, basically it enables the students to take up advanced studies in Physics, Chemistry, Mathematics can find opportunities in M.Sc. in the respective field and Ph.D degree in many prestigious institutions all over India .

EVENTS CONDUCTED

Workshop:

- ❖ Department of Mathematics Organized One day Inter Collegiate **Workshop** On '**Real Analysis & Calculus**' for UG students on 28th August 2018.



Visit to ISRO:

- ❖ Students of B.Sc. visited ISRO on 29th August 2018. Students were exposed to the outer world of space science and its applications.



Industrial visit:

- ❖ Students of III B.Sc. along with faculties participated in the industrial visit to Mandya on 6th September 2018.

GUEST LECTURE

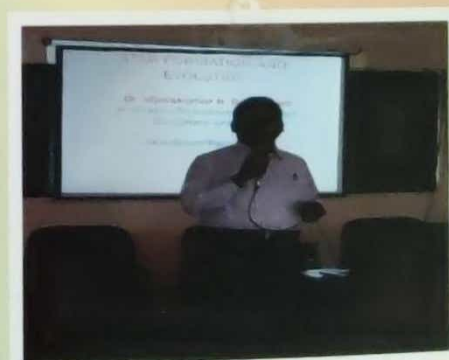


Department of Chemistry:

- ❖ Guest lecture was conducted on 28th and 29th september on “**Electrochemistry**” (Paper V Physical Chemistry) for III year students. Resource person for the day, Prof Dr Subramanian N C, Retired Professor from Acharya Pata Shala, Chamarajpet spoke and also guided faculties in setting Physical Chemistry lab experiments.

Department of Physics:

- ❖ Guest lecture was organized on the topic “**Star formation and Evolution**” for B.Sc. students on 13th October 2018. Dr. Vijaykumar Doddamani, Bangalore University from department of Physics was invited as the Resource person for the day. Students were benefited by his talk on different life stages of a star.





College Cultural Committee organized “Dandiya” on 17.10.2018 on account of “Navarathri” festival. B.Sc. students won the trophy for the same.

EXTENSION ACTIVITIES:

Extension activities are clearly given in the UGC guidelines which aim to facilitate students to generate re-establishment of human principles, character building, creating the feeling of universal brotherhood, developing scientific attitude, environmental awareness and ethical excellence towards social development through activities.



In order to inculcate the above mentioned qualities in our students, our Department organized Extension Activities at **Sri Paripoorna Sanathana Ayurveda Medical College, Hospital, Research Centre & Charitable Trust**, Nelamangala Taluk, Bangalore Rural Dist.-562123 on 9th March 2019, Children at Orphanage were entertained by our students.

ONE DAY NATIONAL CONFERENCE ON “IMPACT OF TECHNOLOGY ON COMMERCE, MANAGEMENT AND SCIENCE” CONDUCTED ON 15TH FEBRUARY 2019.

Department of Physics

Dr S Krishna Prasad (Scientist A) delivered wonderful lecture on “*Mimicking Nature*”, who gave insights on the new technologies like Nano science, the flight of a jet, velcrow etc., that all are copied from Mother Nature.



Department of Chemistry



Dr. C V Yellamagad, Scientist at CENS(since 1997) Bangalore, gave a lecture on “Liquid Crystals, Life science and Technology”. He also discussed about applications of Liquid Crystals in daily life.

Department of Mathematics

Dr Cheluvvaraju, Associate Professor, Department of Mathematics, Bangalore University, delivered Lecture on “*Influence and Importance of discrete Mathematics via some graph/network structure*”. He got “Bharat Shikshak Ratan Award “ and also awarded for “ Best innovative and Interdisciplinary Researcher”.



Mrs Shaini Asst.Professor, Department of Chemistry from Jindal First Grade College for Women has been awarded best paper presentation on “**Hydrogen Energy-A Future Techonlogy**”.

Entrepreneurship in Chemistry:

Department of Chemistry organized one day workshop on “Entrepreneurial Skill In Chemistry”. Dr. M.R.Chaya Asst. Prof in Chemistry from K.L.E society's S.Nijalingappa College, Rajajinagar was a Resource Person for the workshop.



Both staff and students actively participated in the workshop. Students got to know applications of Chemistry in daily life. Students had practical experience in making detergent, liquid soap and candle. They also got inspiration to become an Entrepreneur and be an empowered women in society.