

KONGUNADU ARTS AND SCIENCE COLLEGE

(Autonomous)

Coimbatore - 641 029



Quality initiatives by IQAC

For the

Academic Year 2018-2019

Title of the professional development program organised for teaching staff	Faculty Development Programme on Enhanced and Efficient Teaching, Learning and Research- PHYSICS: Future Perspective of Graphene
Date	07-02-2019
Total Participants	22

IQAC organized (UGC sponsored) faculty development programme on “Future perspective of Graphene” was held at Kongunadu Arts and Science College in the seminar hall on 07.02.2019 (AN session). The IQAC coordinator Dr.S.Krishnakumari, Associate Professor, Department of Biochemistry welcomed the gathering and Dr.M.Dhanam, Associate Professor and Head, Department of Physics introduced the chief guest Dr. Devaraj Nataraj, Associate Professor, Department of Physics, Bharathiar University, Coimbatore to the audience.

Dr.Devaraj Nataraj emphasized the Perspective of Graphene for near future. He elaborated the significance of silicon technology and how Graphene replaced silicon by its single layer arrangement of atoms and SP^2 hybridization. He highlighted that the award of noble prize to Andre Geim and Konstantin Novoselov was given in 2010 for ground breaking experiments regarding 2D material Graphene.

He explained the various preparation techniques and properties of Graphene and also discussed the direction and motion of mass less electrons in the Graphene lattice (Klein paradox). The lecture continued with explaining the current scenario in research on creating band gap in Graphene by reducing the size.

After the lecture, the session was open for discussion and interaction. He answered the queries raised by participants and the session was very interesting and interactive. The programme was concluded with the vote of thanks proposed by Dr. A. Anu Kaliani, Associate Professor, Department of Physics, Kongunadu Arts and Science College.



Introduction of the Chief Guest by Dr.M.Dhanam,
Associate Professor and HOD of Physics



Dr. Devaraj Nataraj , Resource Person ,
Addressing the Gathering



The Chief Guest Answering the Queries Raised by Participants



Principals

PRINCIPAL
KONGUNADU ARTS & SCIENCE COLLEGE
COIMBATORE-641 029.

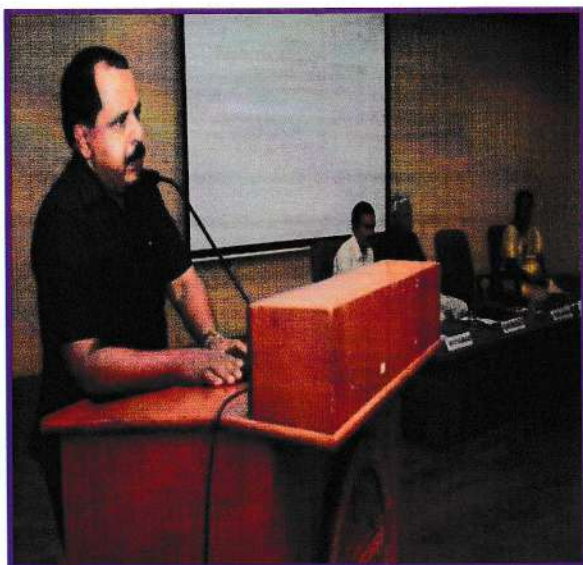
Title of the professional development program organised for teaching staff	Faculty Development Programme on Enhanced and Efficient Teaching, Learning and Research- BOTANY: Prospects of Higher Education in India
Date	08-02-2019
Total Participants	38

Internal Quality Assurance Cell (IQAC) of Kongunadu Arts and Science College, Coimbatore-641029 organized University Grants Commission (UGC) sponsored Faculty Development Programme on “Prospects of Higher Education in India” on 08.02. 2019. The programme was started with formal prayer and the gathering was welcomed by Dr.S.Krishnakumari, IQAC Coordinator. Presidential address was given by Dr. V. Balasubramaniam, Principal and Head Department of Botany.

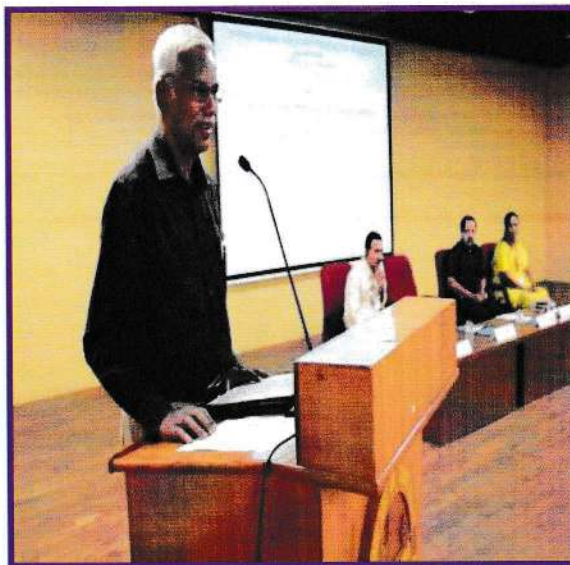
Dr. N. Nagaraja, Associate Professor of Botany introduced the resource person Dr.S.Manian, Former Vice Chancellor, Annamalai University, Chidambaram. Resource person Dr.S.Manian delivered the talk on Prospects of Higher Education in India. He started the talk with Indian vedic system of education and present scenario stating that only three Indian institutes are in top 200 position. He discussed the problem of master slavery system education in Indian universities. He mentioned China started research after thirty years of India started but now China is leading in research in terms of research publications, patents and industrial association etc. In addition resource also mention that research in India is narrower it should be wider.

He also said that curse of higher education is blindly following the British system of education. To improve the status of higher education in India, the resource person has discussed some points like in total GDP only 0.88% is spending for research and 2.7% for education this should be changed and more percentage should be given to improve the quality of higher education. Our teachers are strong in theory and less exposed in practical to avoid this practical should be given more weightage and interdisciplinary research should be supported. Moreover faculty and student exchange programmes in reputed national and international institutions will give more knowledge on recent trends in science and technology. Meanwhile government should give generous fund for same. He also highlighted that industrial collaboration for every faculty is mandatory to improve their skill.

Faculty members and students of Botany, Zoology, Biochemistry and Biotechnology were participated and benefitted. Dr. K. Thenmozhi, Assistant Professor of Botany proposed the vote of tanks and the preprogramme was ended with national anthem.



Presidential Address by
Dr. V. Balasubramaniam, Principal and Head
Department of Botany



Dr. S. Manian, Former Vice Chancellor,
Annamalai University, Chidambaram.
Resource person



Participants



January
PRINCIPAL
KONGU ADU ARTS & SCIENCE COLLEGE
COIMBATORE-641 029.

Title of the professional development program organised for teaching staff	Faculty Development Programme on Enhanced and Efficient Teaching, Learning and Research- COMPUTER SCIENCE: Data Science Perspectives
Date	08-02-2019
Total Participants	35

The Internal Quality Assurance Cell (IQAC) of our College organized a Faculty Development Programme sponsored by the University Grants Commission (UGC) for the faculty of Computer Science disciplines on 08.02.2019 2.00 pm at Seminar Hall. The Programme started with the Invocation. **Dr. S. Krishnakumari**, IQAC Coordinator, KASC welcomed the gathering. **Mr. B. Manogaran**, Associate Professor and Head, Department of Computer Science (PG) introduced the Resource Person. **Dr. V. Bhuvaneswari**, Associate Professor, Department of Computer Applications, Bharathiar University, Coimbatore served as the Resource Person and delivered a lecture on the topic “**Data Science Perspectives**”. In her lecture, she discussed about Big Data & its characteristics, components of data science and its life cycle. She also insisted the Faculty members to concentrate on the research in the current scenario of data science and big data. Finally, **Dr. S. Mythili**, Associate Professor and Head, Department of Information Technology proposed the vote of thanks. The Programme concluded with the National Anthem.



Dr. S. Krishnakumari, IQAC Coordinator, KASC welcomed the gathering



Resource Person. **Dr. V. Bhuvaneswari**, Associate Professor, Department of Computer Applications, Bharathiar University, Coimbatore

[Handwritten Signature]

PRINCIPAL
KONGUNADU ARTS & SCIENCE COLLEGE
COIMBATORE-641 029.

