

KONGUNADU ARTS AND SCIENCE COLLEGE
(Autonomous)
Coimbatore – 641 029

Department of Biochemistry (UG)
Department Activity for the Academic Year 2016-2017

PCR Technique and its Applications

11.07.2016

Department of Biochemistry, Entrepreneurship Development Cell & Skill Development Cell of Kongunadu Arts and Science College, Coimbatore jointly organized one day National Level Workshop on ‘**PCR Technique and its Applications**’ at the college premises on 11.07.2016 under DBT STAR college scheme. Dr. Indira A. Jayraaj, Associate Professor and Head, Department of Biochemistry welcomed the gathering, Organizing secretary of this workshop, Dr. M. Kalaiselvi, Assistant Professor in Biochemistry highlighted the theme of the programme. Principal of the college Dr. T. Muraleeswari presided over the function. Dr. S. Paulsamy, Dean, Academic cum R & D, Dr. K. Arumugasamy, Convenor, DBT Star College Scheme and Dr. S. Krishnakumari, Associate Professor in Biochemistry felicitated the function. Three lectures on Introduction to PCR by Dr. R. Amsaveni, Assistant Professor in Biotechnology, Principles and Procedures involved in PCR by Dr. V. Bhuvaneshwari, Assistant Professor in Biotechnology and Introduction to Agarose Gel Electrophoresis by Ms. Pavithra Seethal, Research Scholar in Biotechnology were delivered in the workshop. The participants were demonstrated with the techniques involved in the PCR. The participants had a hands-on training on the above technologies. Vote of thanks proposed by the Organizing secretary of this workshop Dr. S. Kathiravan, Assistant Professor in Biochemistry. A total number of 50 participants participated in this programme and got benefitted.



**Dr.Indira A. Jayraaj, HOD,
Biochemistry welcoming the**



**Demonstration of
AGE**



**Hands-on training to the
students**

Medicinal Mushroom Cultivation

22.07.2016

The Department of Biochemistry organised a Training Programme on “**Medicinal mushroom Cultivation**” on 22.07.2016 at Department of Biochemistry for the undergraduate students of Biochemistry. Dr.T.Muraleswari, The Principal of the college presided over the function. Dr. C. A. Vasuki, Secretary and Director of the College interacted with the students and gave a motivational talk. Dr.S.Paulsamy, Dean, Academics cum R & D and Dr.K.Arumugasamy, Convenor, DBT-Star college scheme delivered felicitations. Dr.Indira A. Jayraaj, Associate Professor and Head of Biochemistry welcomed the gathering and Dr. V. Selvi, Associate Professor of Biochemistry proposed the vote of thanks for the Inaugural function. Lecture I was given by Dr.S.Krishnakumari, Associate Professor of Biochemistry on ‘Cultivation technology of oyster, milky and paddy straw mushroom’. Lecture II was given by Dr.M. Kalaiselvi, Assistant Professor of Biochemistry on ‘Therapeutic values of mushrooms’. Lecture III was given by Dr.S.Kathiravan, Assistant Professor in Biochemistry on ‘Mushroom spawn production technology and marketing’. Lecture IV was delivered by Mr.M.Karthik, Research Scholar in Biochemistry on ‘An overview on mushroom nutraceuticals’. Demonstration session was handled by Dr.S.Krishnakumari, Dr.S.Kathiravan and Mr.M.Karthik. The various steps involved in the cultivation technology of mushrooms were demonstrated to the participants. The students were also given hands on training on packing of mushroom bed. The Dean, Academics cum R & D, Dr.S.Paulsamy distributed the certificates to the participants. Dr.K.Kalaivani, Associate Professor of Biochemistry proposed the vote of thanks.



Demonstration of cultivation technology of mushrooms

Workshop on Semi-Autoanalyzer

08.09.2016

Department of Biochemistry organized one day **Workshop on ‘Semi-Autoanalyzer’** at the college premises on 08.09.2016 for B.Sc Biotechnology students (An Inter-Departmental Programme) sponsored by Department of Biotechnology (DBT), Govt. of India, New Delhi. Dr. S. KrishnaKumari, Associate Professor, Department of Biochemistry welcomed the gathering. Organizing secretary of this workshop, Dr. M. Kalaiselvi, Assistant Professor in Biochemistry highlighted the theme of the programme. Dr. K. Kalaivani, Associate Professor in Biochemistry cum Member (DBT STAR College Scheme) felicitated the function. The participants were demonstrated with the techniques involved in the Semi-Autoanalyzer. The participants had a hands-on training on the above technologies.



Dr. K. Kalaivani, Associate Professor gave lecture on Semi-autoanalyzer



Hands-on training on Semi-autoanalyzer to the students

Natural Therapeutics

20.09.2016

Department of Biochemistry of Kongunadu Arts and Science College, Coimbatore organized one day National Conference on **“Natural Therapeutics”** at the college premises on 20.09.2016 under DBT STAR college scheme. Dr. Indira A. Jayraaj, Associate Professor and Head, Department of Biochemistry welcomed the gathering, Organizing secretary of this workshop, Dr. M. Kalaiselvi, Assistant Professor in Biochemistry highlighted the theme of the programme. Principal of the college Dr. T. Muraleeswari presided over the function and release the Book of Abstracts on “Natural Therapeutics. Dr. S. Paulsamy, Dean, Academic

cum R & D, Dr. K. Arumugasamy, Convenor, DBT Star College Scheme felicitated the function. Four lectures on Black Cumin & Diabetes by Dr. L. Pari, Professor, Department of Biochemistry and Biotechnology, Annamalai University, Chidambaram, Tamil Nadu, Provoking immunity to Plants by Dr. V. Bhuvaneshwari, Assistant Professor in Biotechnology, KASC, Thrombolytic agents from plants by Dr. R. Amsaveni, Assistant Professor in Biotechnology, KASC and Drug delivery and phytochemicals for cancer stem cells by Dr. Hullathy Subban Ganapathy, Assistant Professor, Dept of Applied Chemistry and Biochemistry, Kumamoto University, Japan were delivered in the conference. About 232 participants from various Universities and Colleges were participated and presented their research articles in the conference. Vote of thanks proposed by the Dr. S. Kathiravan, Assistant Professor in Biochemistry.



Dr.T. Muraleeswari, Principal Welcome the gathering



Dr.T.Muraleeswari, Principal Releasing the Book of Abstract

Spawn Production and Mushroom Cultivation

27.09.2016

The Department of Biochemistry organized a training programme on “**Spawn Production and Mushroom Cultivation**” on 27.09.2016 at the college campus organized under DBT, Star College Scheme by Dr. S. Kathiravan. The participants were demonstrated with the various steps involved in tissue culture technology, spawn production technology and mushroom cultivation technology. The students were provided with hands-on experience also. A large number of participants from various educational institutions participated and got benefited out of the training programme. Around 150 participants participated in this programme and got benefited.



**Demonstration of cultivation
technology of spawn and**