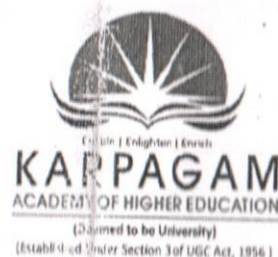


DEPARTMENT OF BIOCHEMISTRY
INTRA DEPARTMENTAL WORKSHOP
ON
CYTOGENETICS AND DERMATOGLYPHICS

27th September 2018



KARPAGAM ACADEMY OF HIGHER EDUCATION
(Deemed to be University)

(Established Under Section 3 of UGC Act 1956)
Pollachi Main Road, Eachanari Post,
COIMBATORE - 641021, Tamil Nadu, India.
Phone: +91-422-5471113, 6471114, 6471115.
Fax: +91- 22-2980022, 2980023.
Email: info@karpagam.com
Web: www.kahedu.edu.in

ABOUT THE WORKSHOP

The major causes of birth defects are due to Chromosomal disorders, which afflict one out of every 160 children born. It is crucial to identify prenatal malformation syndromes and recurrence risk for future pregnancies as well as postnatal abnormalities through cytogenetic investigations. Karyotyping is the exemplary test in the diagnosis of genetic diseases/disorders related to numerical or structural changes of chromosomes. Chromosome anomalies identified by Cytogenetic testing could help us to provide counselling and save the family and also the community from unwarranted emotional and financial burden.

THEME FOR WORKSHOP

The objective of this workshop is to provide hands on training and basic understanding of karyotypes and their interpretation for clinical applications.

LEVEL OF PARTICIPANTS

All **UNDERGRADUATE** life science students of our institution could participate in the workshop by sending their registration form on or before **27.09.2016**. Spot registration may also be permitted on prior request.

REGISTRATION FEES

Registration fee of Rs.75/- will be collected from each participant and this will meet out the expenses of certificates and snacks. No lunch will be provided.

TECHNICAL SESSION (TENTATIVE SCHEDULE)

Timings	Event
9.00 am	Registration
10.00 am – 11.00 am	Lecture on Basic technical information for cytogenetics
11.00 am – 11.15 am	Tea Break
11.15 am – 12.30pm	Demo on chromosome preparation and dermatoglyphics
12.30 pm -1.00 pm	Lunch Break
1.00pm – 2.45 pm	Hands on training on karyotyping

3.3.2 (146)

Organizing secretaries:

Dr.K.Devaki
Professor & Head,
Department of Biochemistry,
KAHE

Dr.A.Manimaran
Assistant Professor,
Department of Biochemistry,
KAHE

Resource person:

Mr. Nishu Sekar (Ph.D - Reproductive Genetics)
Assistant Professor,
Department of Biotechnology,
KAHE



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Eachanari (PO), Coimbatore – 641621, India.

REGISTRATION FORM

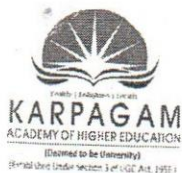
**INTRA DEPARTMENTAL WORKSHOP
ON
CYTOGENETICS AND DERMATOGLYPHICS
(27th September 2018)**

Full Name :
Department :
Class :
Address :

Contact No :
E Mail :
Amount : Rs.
(Mode of payment - cash)
Date :
Place :

Signature

(Photostat copies of the registration form are also accepted)
(Use separate form for each competition)



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Eachanari Post, COIMBATORE - 641 021, INDIA

FACULTY OF ARTS, SCIENCE AND HUMANITIES DEPARTMENT OF BIOCHEMISTRY

REPORT

Intradepartmental Workshop on CYTOGENETICS AND DERMATOGLYPICS

An intradepartmental workshop, "Cyogenetics and Dermatoglyphics" was organized by the Department of Biochemistry, Karpagam Academy of Higher Education, Coimbatore on **27th September, 2018** at 10.00 AM.. With the hearty thanks to the institution for funding this event and we are very glad to state that the event went in a successful manner. Dr.K.Devaki, Head of Biochemistry welcomed the gathering which was followed by the address of Mr. Nishu Sekar (Resource person), Department of Biotechnology, FASH, Karpagam Academy of Higher Education, Coimbatore. In his lecture, he emphasized the importance of genetics and also advised the students to take part in all awareness activities regarding genetic disorders. In the workshop, he demonstrated how to karyotype the chromosomal pairs of an animal cell followed by hands on training on dermatoglypic technique for the quest of future genetic diseases of a person. Participants gained a clear perception on cytogenetics and dermatoglyphics from this workshop. The workshop was completed at 4.00 PM with the vote of thanks by Dr.A.Manimaran, Organizing secretary in presence of the head and faculty members of the department of Biochemistry. Certificates were issued to the participants and the participants gave a feed back that this workshop could be conducted in the forth coming semester also. On behalf of organizing committee, a small memento was presented to the Resource person to encourage for his outstanding effort.



