



Sri G.V.G. Visalakshi College For Women, Udumalpet-642128

Autonomous and Affiliated to Bharathiar University, Coimbatore

Accredited at \mathcal{A}^+ grade by NAAC (Fourth cycle)

An ISO 9001:2015 Certified Institution

www.gvgvc.ac.in; principal@gvgvc.ac.in Ph.04252-223019 Fax: 04252-233111



Topic: Genomics in Life Sciences

Department of Zoology

Supported under DBT - Star College Scheme (2019-2020)

Genomics in Life Sciences

Date: 16.07.2019

Venue : Conference Hall. Time: 10.30 – 12.30

Guest lecture on Topic “Genomics in Life Sciences” was given by **Dr. N. Senthil Kumar**, Professor, Department of Biotechnology, Mizoram University, (A Central University), Aizawl, Mizoram – 796004, India. Welcome Address was given by Dr. S. Umamaheswari, Associate Professor and Head, Department of Zoology.

Dr. N. Senthil Kumar has given introduction about Genome projects and bioinformatics. He explained the central dogma of molecular biology, PCR and Human genome projects. He gave the knowledge in evolution is must for biology students and he added that Africa is the place of origin of human from apes. He talked about human genetic variations, and how individual genes play a role in health and disease of man and also Genomic medicine.

He talked about Cancer and how unhealthy diets and life style causes cancer. The etiology of cancer is multifactorial, with genetic, environmental, medical, and lifestyle factors interacting to produce a given malignancy. He explained Mitochondrial gene Mutation in Different population. He stated the importance of bioinformatics tools in study of cancer. He also explained about research opportunities in the field of Genomics.

He shared his ideas on different databases of bioinformatics and its importance. DDBJ, OMIM, EMBL, PDB. He also explained the hierarchy of Genome, Transcriptome, Proteome, Structural proteome. The students were motivated to study the concepts of biology indepth, and also to do research in novel areas of biology.

Dr. S. Kalaichelvi , Associate Professor, Department of Zoology delivered Vote of Thanks.



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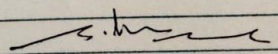
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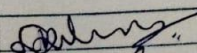
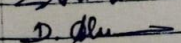
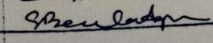
Venue: CONFERENCE HALL, SRI G.V.G.V. COLLEGE.
16.07.2019

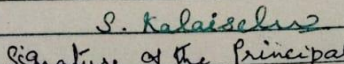
Venue: G.V.G. Conference Hall, I

An Interdepartmental guest lecture was organized on 16th July 2019 with Dr. N. Senthil Kumar, Professor of Biotechnology, Muzum University (A central university) Arcaswat, Mysore and he has given lecture on the topic "Genomes in Life Sciences". He explained about the central dogma of Molecular Biology, PCR, Human Genome Projects and he added the importance of learning evolution in biology. He enlightened the students about cancer and how unhealthy diets and life style causes cancer. He shared his ideas on different databases of Bioinformatics and its importance, DDBI, OMIM, PDB etc.

140 students from B.Sc. Zoology and 20 students from Chemistry were benefited through this programme.


Head Coordinator.


N.V. Gowri

D. Anu

Shree Lakshmi


Signature of the Principal



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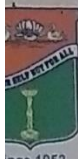
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 **SRI G.V.G. VISALAKSHI COLLEGE FOR WOMEN**
Venkatesa Mills Post, Udumalpet - 642 128.

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Mrs. S. Kalaiselvi M.Sc., B.Ed., M.Phil., PGDCA,
Principal - i/c

Date : 09.07.2019
No./GVGVC/164/2019-20

To

Dr.N.Senthil Kumar,
Professor,
Department of Biotechnology,
Mizoram University,(A Central University)
Aizawl,
Mizoram – 796004
India.

Dear Sir,

I hereby take this opportunity to invite you to our college to share your knowledge and provide guidance to our B.Sc Zoology students and to deliver a guest lecture(supported by DBT star College Scheme) on “**Genomics in Life Sciences**” on 16.07.2019(10.00 a.m)

Thanking you

Yours truly,
S. Kalaiselvi
PRINCIPAL i/c
SRI GVG VISALAKSHI COLLEGE
FOR WOMEN (AUTONOMOUS)
VENKATESA MILLS (POST),
UDUMALPET - 642 128.



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