

Report on

**Integrated Workshops on Advance Biotechnology Techniques
Module 1 : “Volatile molecule analysis by Gas Chromatography”**

January 03-04, 2019

Organized by



**Central Instrumentation Facility (CIF)
&
Department of Biotechnology,
Faculty of Arts, Science and Humanities
Karpagam Academy of Higher Education
Coimbatore, Tamil Nadu**

Organizing Secretary:

Dr.A.Sangilimuthu, Assistant Professor, Department of Biotechnology, KAHE, Cbe.

About the workshop:

Module 1. Volatile molecule analysis by Gas chromatography has 2 days hands on training provided to the individuals/students regarding the GC sample preparation and analysis using modern techniques. Metabolite fingerprint is the fast growing field in the biochemistry stream. Through metabolites identification and composition of natural material has wide application in food and pharma industries. This training covered the extraction of essential oil from natural source and gas chromatography analysis of volatile molecules with existing standards.

Day 1: (03.01.2019)

Session 1: Theory session about the isolation and applications of phytomolecules.

Session 2 : Isolation of essential oil from lemon leaves using Clevenger apparatus.

Day 2: (04.01.2019)

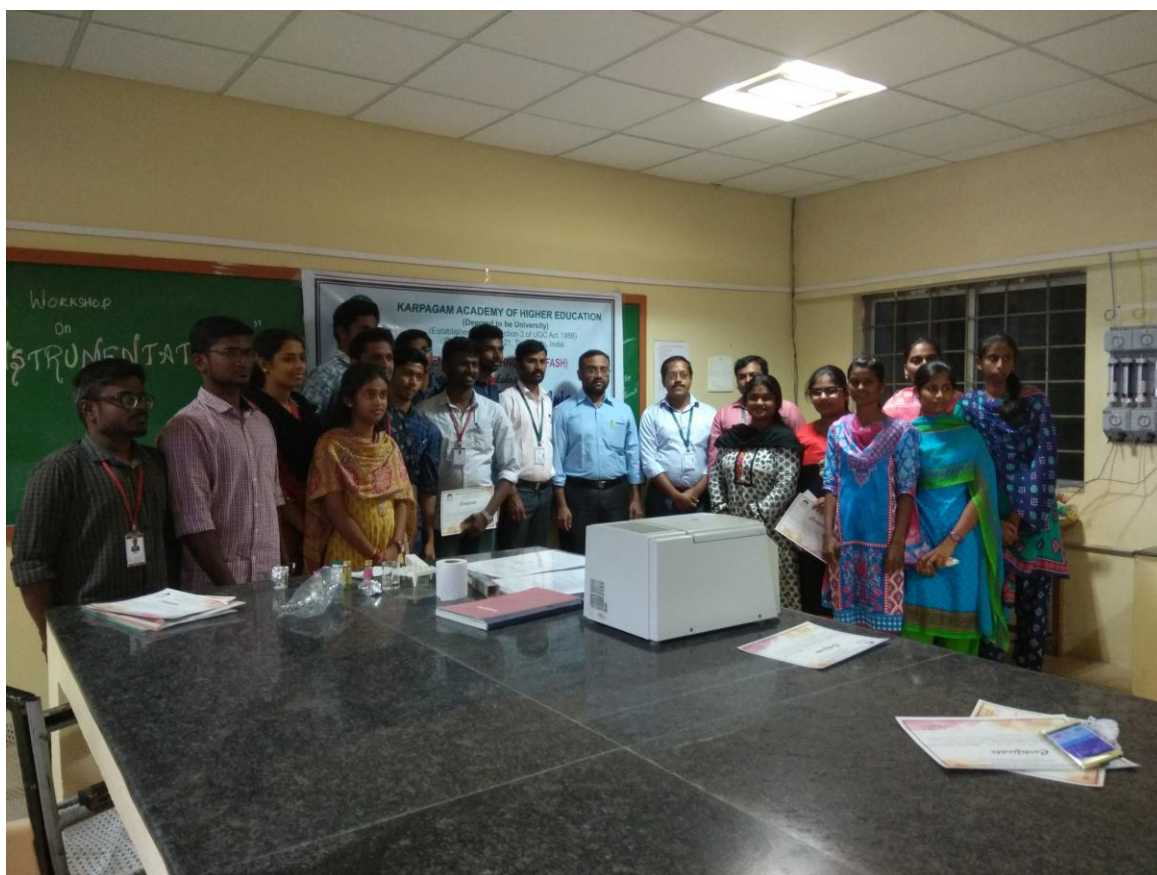
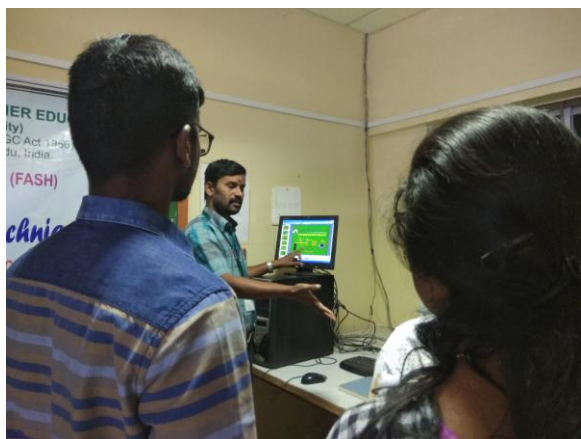
Session 1 : Theory about gas chromatography and applications

Session 2: Method creation and analysis of isolated essential oil by Gas chromatography by the participants individually.

Totally 16 participants were registered (expected 20) from Dr. NGP Arts and Science College, Dr.G.R.Damodaran College of Science and Hindusthan College of Arts and Science, Coimbatore. From the participants we received **good feedback about the training session and theory session and they are satisfied with the practical explanation.** Among them some of the participants were **impressed with our laboratory facility because we were provided the facilities (sophisticated equipments) to UG/PG levels of our students.** So they expressed their interest to join their higher studies in our institution.

Day 1 & 2 hands on session, certificate distribution - Photographs





Finally received the feedback from the participants in prescribed format, certificate distribution has made by Dr.B.V.Pradeep, Head, Department of Microbiology and Dr.G.R.Prabu, Head (i/c), Department of Biotechnology to the participants and windup the hands on session.

Few feedbacks



CENTRAL INSTRUMENTATION FACILITY
&
Department of Biotechnology, FASH
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(Deemed to be University, Established under section 3 of UGC Act 1956)
Pollachi Main Road, Eachanari post
Coimbatore -641 021, Tamil Nadu, India

Integrated workshop on Advance Biotechnology Techniques

Module 1: Volatile molecule analysis by Gas Chromatography

3-4 January, 2019

FEEDBACK FORM

1. Name of the student : Vikraman - A
 2. Address for Communication, E-mail ID & Contact No. : 92, Lakshmi nager, Thaneer
pandal, Peelamedu, cbe.
bolteaman950@gmail.com
8508519587
 3. Was the training useful for your placement?
YES, It is very useful for our project works
 4. Are you satisfied with the hand book of workshop?
yes, satisfied
 5. Overall feedback about the training :
Different experience, gain some new
knowledge, Excellent teaching faculty
 6. Suggestion for betterment in future :
conduct more sessions and seminars about
the topic.
- ⊗ sanglimath sir your way
of teaching is superb
and understandable. I want
to gain more knowledge from you

Vikraman
Signature



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3-4 January, 2019

FEEDBACK FORM

1. Name of the student : R. RAMYAASREE
2. Address for Communication, E-mail ID
& Contact No. : ramyarithu98@gmail.com
7559406646
3. Was the training useful for your placement? Yes
4. Are you satisfied with the hand book of workshop? Yes
5. Overall feedback about the training : I have gained
knowledge and it was
very useful for my project
6. Suggestion for betterment in future : Follow the same
procedure. Don't
make any changes.

R. Ramyaasree
Signature

Integrated workshop on Advance Biotechnology Techniques

Module 1: Volatile molecule analysis by Gas Chromatography

3-4 January, 2019

FEEDBACK FORM

1. Name of the student : M. VIGNESH .
2. Address for Communication, E-mail ID & Contact No. : Dr. G. R. D. C. G.
vigneshgrodio@gmail.com.
8122177814.
3. Was the training useful for your placement? yes. It help to work on it.
4. Are you satisfied with the hand book of workshop? yes, am satisfied.
5. Overall feedback about the training : about GC and I have gathered good knowleg about basic about spectrum.
6. Suggestion for betterment in future : Sir, I feel we can see
we take train in more equipment

M. Vignesh
Signature



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**Integrated workshop on Advance Biotechnology
Techniques**

Module 1: Volatile molecule analysis by Gas Chromatography

3-4 January, 2019

FEEDBACK FORM

1. Name of the student : C. M. Gokulraj
2. Address for Communication, E-mail ID & Contact No. : Dr. A.R.D college of science.
(Send me the ppt taught sir. to mail) gokulrajcm@gmail.com
8344534996.
3. Was the training useful for your placement? Yes damn great. Made us equipped.
4. Are you satisfied with the hand book of workshop? Yes, SOP was clear cut with step by step explanation.
5. Overall feedback about the training : Sir, the idea of ppt and narration is too good; neat and steady understanding; Your love towards
6. Suggestion for betterment in future : the profession is visible sir.
Second day, visit of labs and speciality of other important equipments which are not in module list ~~but~~ could be taught by PG students. It will be helpful.
Make more items like this

Signature

C.M. Gokulraj

4.01.2019

**Integrated Workshop on Advanced Biotechnology Techniques
Module 1: Volatile molecule analysis by Gas chromatography**

3-4 January 2019

Registration Detail

S.No.,	Name of the participants	Address of the participants	Registration Fee Rs. 500/-	Signature of the candidate
1.	C.M. Gokulraj	Dr. G. R. Damodaran College of science	500	C.M. Gokulraj
2.	S. Arun	Dr. G. R. Damodaran College of science	500	S. Arun
3.	R. Monica	Dr. G. R. Damodaran College of science	500	R. Monica
4.	M. Vignesh.	Dr. G. R. D College of science	500	M. Vignesh.
5.	R. DENA RAJ I M.Sc Biotechnology	Hindusthan college of arts & science	500	R. DENA RAJ
6.	A. vikraman	Hindusthan college of arts & science	500	A. vikraman
7.	R. PRAVEEN	Dr. G. R. Damodaran College of science	500	R. PRAVEEN
8.	J.S. NAVITHA THANU	Dr. G. R. Damodaran College of science	500	J.S. NAVITHA

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Department of Biotechnology, FASH
KARPAGAM ACADEMY OF HIGHER EDUCATION**

**Integrated Workshop on Advanced Biotechnology Techniques
Module 1: Volatile molecule analysis by Gas chromatography**

3-4 January 2019

Registration Detail

S.No.,	Name of the participants	Address of the participants	Registration Fee Rs. 500/-	Signature of the candidate
09	S. DARSHANA PRIYA	Dr. N.G.P. Arts & Science college	Rs. 500	S. Darshana Priya
10	G. SHARMILA	Dr. N.G.P. Arts & Science college	Rs. 500	G. Sharmila
11	S. ABINAYA	"	Rs. 500	S. Abinaya
12	R. RAMYAASREE	"	Rs. 500	R. Ramyaasree
13	M. LAVANYA	"	Rs. 500	M. Lavanya
14	N. GOGUL	Dr. G.R. Damodaran college of science.	Rs. 500	N. Gogul
15	S. HARIPUTHIRAN.	"	Rs. 500	S. Hariputhiran.
16	SHANMUGA PRIYA PG	Dr. N.G.P. ARTS AND SCIENCE COLLEGE	500 ₹	S. Shanmuga Priya

GRD - 8
H.N - 2
N.G.P - 6

8000



KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

Coimbatore-641 021, Tamilnadu, India.

Certificate

*This is to certify that Dr./ Mr. / Ms. /Mrs. _____
of _____ has actively participated in the
“Integrated Workshop on Advance Biotechnology Techniques - Module 1 : Volatile molecule
analysis by Gas Chromatography” held at Central Instrumentation Facility, Karpagam Academy of
Higher Education, Coimbatore on January 3-4, 2019.*

Dr. A. SANGILIMUTHU
Organizing Secretary

Dr. M. PALANISWAMY
Convenor

