

Report on

**Integrated Workshops on Advance Biotechnology Techniques
Module 3 : “Elemental Analysis by AAS”**

February 14-15, 2019

Organized by



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

About the workshop:

Module 3. Elemental Analysis by Atomic Absorption Spectroscopy (AAS) provide a idea to measure the heavy metal elements in the given samples. Usually the samples (soil & water) were collected from the agriculture and polluted area. This technique provide a wide range of applications to the participants may use in the agriculture and environment management. To detection of metal elements like Cu, Fe, Zn and Cr in the soil and food sample with the respective lamp in the AAS system.

Day 1: (14.02.2019)

Session 1: Theory session about the preparation of samples and optimization of AAS condition.

Session 2 : Sample preparation to AAS analysis

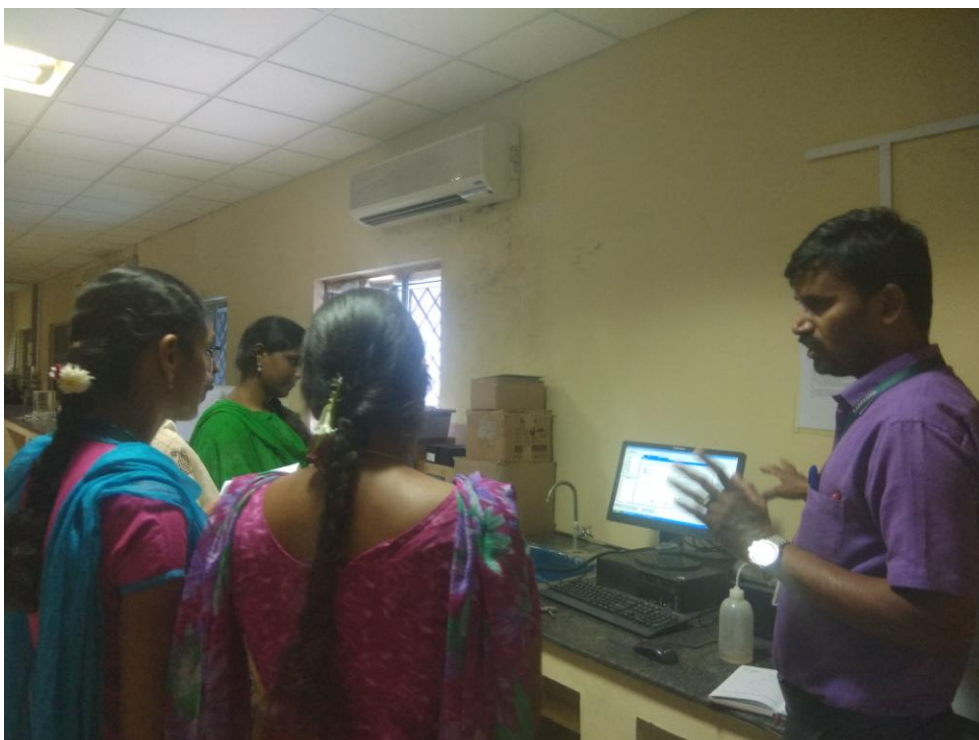
Day 2: (15.02.2019)

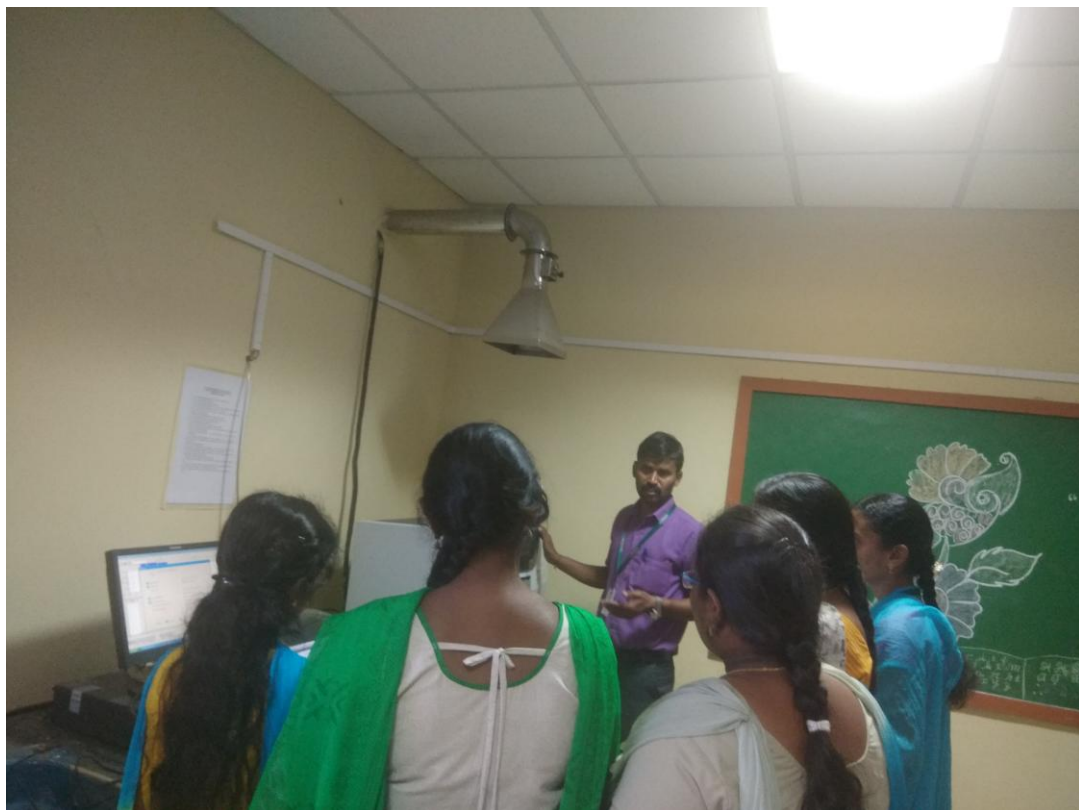
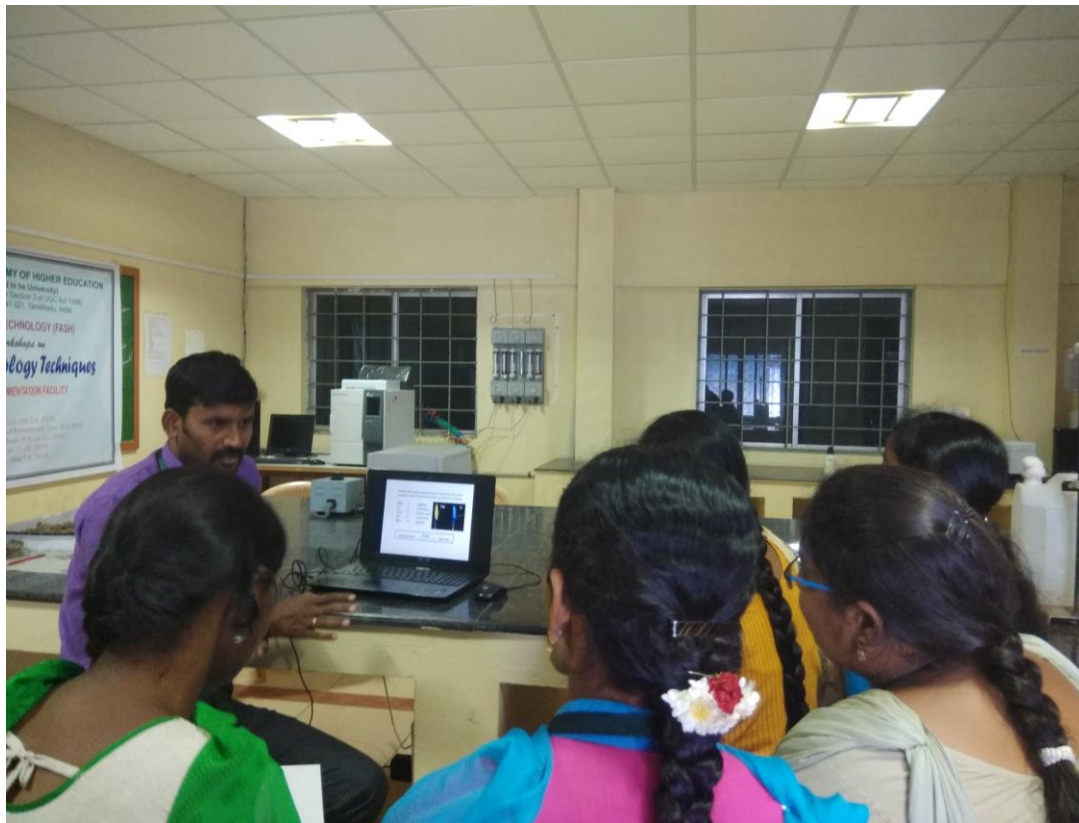
Session 1 : Theory about AAS and its applications

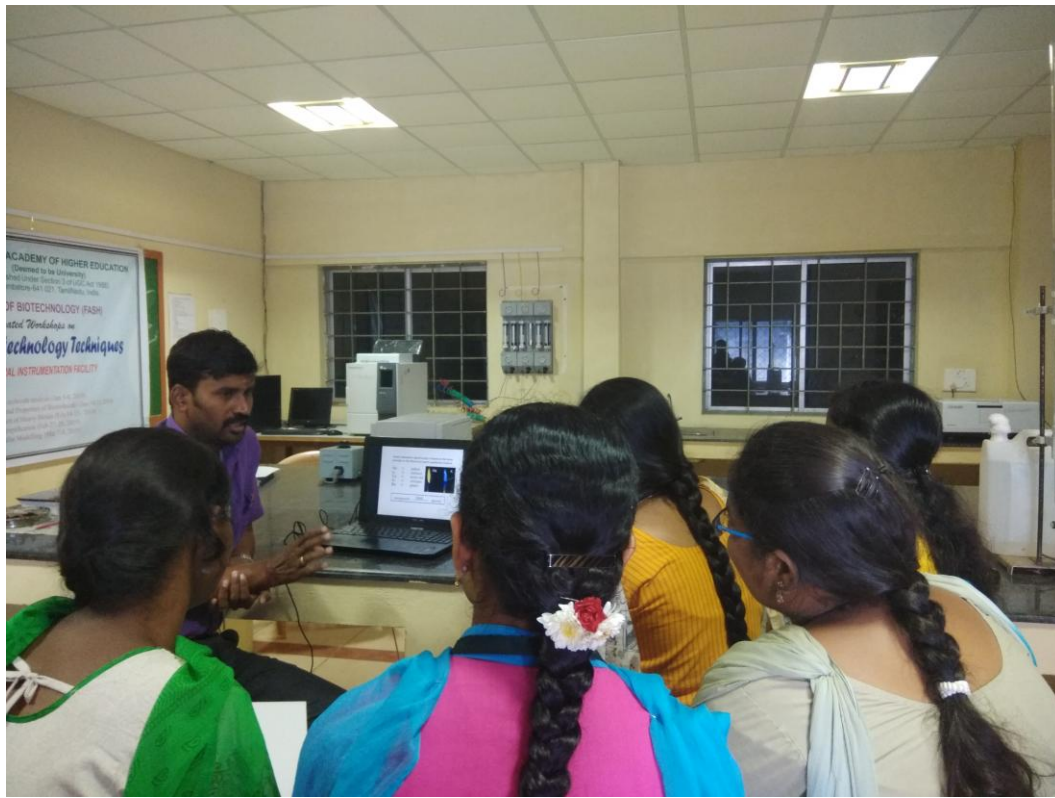
Session 2: Method creation and analysis of samples by AAS

Totally 6 participants were registered (expected 20) from Dr. NGM College, Pollachi and Sri Krishna College of Arts and Science, Coimbatore. From the participants we have received good feedback about the training session and theory session and they were satisfied with the explanatory session. 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.

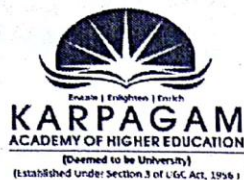
Day 1 & 2 hands on session - Photographs







Finally received the feedback from the participants in prescribed format, certificate distribution has made by Dr.B.V.Pradeep, Head, Department of Microbiology to the participants and windup the hands on session.



CENTRAL INSTRUMENTATION FACILITY
&
Department of Biotechnology, FASH
KARPAGAM ACADEMY OF HIGHER EDUCATION
(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 3: Elemental Analysis by AAS

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FEEDBACK FORM

1. Name of the student

: K. Rohini

2. Address for Communication, E-mail ID

& Contact No. 6383917830

: Sri Krishna Arts
& Science college
rohini.kannan.p@gmail.com

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

: It was good,

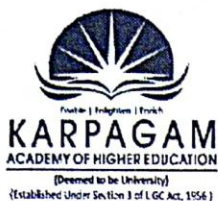
we understood the
clearly, the trainer thought
very well.

6. Suggestion for betterment in future

: —

[Signature]

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FEEDBACK FORM

1. Name of the student : VARSHA, V
2. Address for Communication, E-mail ID : SRI KRISHNA ARTS & SCIENCE COLLEGE
& Contact No. 9994035998 varshavarshams6@gmail.com
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 : The training was amazing and the concepts of technical and practical sessions are very easy to understand and more
6. Suggestion for betterment in future : The trainer teaches well. useful
If the plant tissue culture workshop is conducted it will be very useful...

Signature