

Resolution of the USIC committee meeting held on 25.06.2018

1. Resolution of the last meeting held on 01.03.2017 were read and confirmed.

Agenda:

- (1) Implementation of Add-On course:
 - (i) Prof A. K. Misra, Director of USIC said that a proposal for three month certificate course on laboratory Instrumentation had been submitted to the Centre for Continuing and Adult Education (CCAЕ) of Vidyasagar University. The proposal has been accepted by the advisory committee of CCAЕ. Prof. A.K. Misra requested the members to propose the name of the Instruments which will be useful to the learners of the proposed certificate course. Members unanimously proposed the following instruments.
 - (a) High Performance Liquid Chromatography(HPLC) (b) Elisa Plate Reader (c) Polymerase Chain reaction (PCR) (d) UV-VIS spectrophotometer (e) FT-IR spectrophotometer (f) Fluorescence Spectrophotometer (g) Polarizing & Fluorescence Microscope (h) Other instruments: P^H meter, Potentiometer Colorimeter and Polarimeter.
 - (ii) Members discussed thoroughly regarding the preparation of study materials for the above course.
 - (a) Members requested Dr. K.C. Mandal, Dept. of Microbiology to prepare the study materials of (i) HPLC (ii) Elisa Plate Reader and (iii) PCR
 - (b) Members requested Prof. A.K. Misra , Director of USIC to prepare the study materials of (i) UV-VIS spectrophotometer (ii) FT-IR spectrophotometer and (iii) Fluorescence spectrophotometer
 - (c) Dipankar Mandal, Technical Officer of USIC will prepare the study materials for Microscope.
 - (d) Dr. Soma Das, Co-Ordinator of the certificate programme will prepare the study materials of (i) P^H meter (ii) Potentiometer (iii) Colorimeter and (iv) Polarimeter.
- (2) Online booking of instruments:

All the members present in the meeting participated in the discussion regarding online booking of instruments.

Members are of the opinion that the present offline booking is running successfully and the end users are getting maximum benefit in using the instruments.

Prof. A.K Misra suggested that the issue may be left for discussion in the next meeting.
- (3) Use of USIC instrument facilities for outsiders:

As per advice of Hon'ble Vice-Chancellor, Prof. A.K. Misra asked all the members to participate in the discussion relating to the use of instruments of USIC for outsiders.

Members resolved unanimously that the following instruments may be opened for

outsiders. Members also proposed the charges of each instrument per hour. Prof. A.K. Misra told the members that the above decision will be placed before the Hon'ble Vice-Chancellor of his kind approval.

Name of the instruments and their charges for outsiders use

Sl. no.	Name of the instrument	Booking charges (in Rs./hr)
1.	Polarizing Microscope,(Nikon Eclipse LV100 POL) With Linkam U.K Heating/Freezing Stage accessories	100
2.	Gel Doc XR system PC version,(BIO –RAD, Universal)	100
3.	Fluorescence Spectrophotometer,(Hitachi, F-7000)	250
4.	Leica RM Semi-Motorized Microtome,(RM 2245)	100
5.	Atomic Absorption Spectrophotometer (AAS),Model: AA-7000 Shimadzu)	200
6.	High Performance Liquid Chromatography (HPLC),Model: 1200 infinity series (Agilent)	500
7.	Leica DM 3000 Compound microscope Model: DM 3000	100
8.	Perkin spectrum two FTIR system Model: Spectrum two	200
9.	Shimadzu UV-VIS-NIR Spectrophotometer, Model: 3600	200
10.	Leica cryo- microtome Model: CM-1850	100
11.	Malvern nano particle size, zeta potential analyzer Model: ZS90	200
12.	Water Quality Analyzer (Thermo Scientific)	200
13.	Time Correlated Single Photon Counting (TCSPC), Model: Delta Flex™ (HORIBA)	500
14.	Leaf Area Index (LAI) Meter	200
15.	Polymerase Chain reaction (PCR), Model: Mastercycler Nexus Gradient	200

(4) Prof. A. K. Misra placed the following list of accessories for instruments and furniture's which are very much essential for the smooth running of USIC.

Estimated cost of proposed items

Sl. No.	Nature of item	No of item	Estimated cost (Approx.)
1.	Quartz cell for DLS	1	Rs. 5,000/-
2.	Xenon lamp	1	Rs. 70,000/-
3.	Mercury lamp	1	Rs. 60,000/-
4.	Cell for fluorescence & UV	4	Rs. 30,000/-

5.	C ₁₈ column (Agilent) for HPLC	1	Rs. 50,000/-
6.	Helium cylinder with regulator	1	Rs. 36,000/-
7.	Nitrogen cylinder	1	Rs. 30,000/-
8.	Furniture: Wooden table to keep the instruments for both new and old lab	(i)8 ft length--- 4 nos. (ii)6 ft length--- 3 nos	Rs. 3,00,000/-
9.	Computer for AO+ scanner	1	Rs. 40,000/-
Total Amount: Rs. 6,21,000/-			

Members unanimously approve the same and requested Prof. A. K. Misra to do the necessary in this regard.

(5) Agenda: Renaming of USIC

As suggested by the Hon'ble Vice-Chancellor in his last visit to USIC that USIC name should be changed to "Centre for Analytical Instrument Facility (CAIF)". Prof. A.K.Misra asked all the members to participate in the discussion relating to re-name of USIC. All the members participated in the discussion and resolved unanimously that the name of USIC may be changed to "Centre for Analytical Instrument Facility (CAIF)" as suggested by the Hon'ble Vice-Chancellor. Members also requested the Director of USIC to do the necessary for the re-naming of USIC.

Meeting of USIC Committee held on 25.06.2018.

Members present:

1. Dean, Faculty of Science:

[Signature]
25/6

2. Registrar:

3. Director, USIC:

[Signature] 25/6/18

4. Ashok K. Paul *[Signature]*

5. Keshab Chandra Mondal *[Signature]*
25.6.18

6. Rajendra Prasad Ghosh *[Signature]*
25-6-18

7. HOD, Mathematics *[Signature]* 25/6/18

8. HOD, Physics *[Signature]* 25/6/18

9. H.O.D Remote Sensing & GIS, *[Signature]*
25-6-18

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