

**ADVANCED INSTITUTIONAL LEVEL BIOTECH HUB,
S. KULA WOMEN'S COLLEGE, NAMBOL, MANIPUR.**

Report on 2-Week Winter School Programme on Basic Techniques of Plant Tissue Culture conducted by Advanced Institutional Level Biotech Hub, S. Kula Women's College, Nambol, Manipur on 8th -20th January, 2018

A 2-Week Winter School Programme was held at S. Kula Women's College, Nambol, Manipur with effect from 8th - 20th January, 2018. The Advanced Institutional Level Biotech Hub, S. Kula Women's College, Nambol, Manipur organized such type of workshop/Hands on Training programme. All together 15 registered students & College teachers from different nearby institutions were participated the programme.

Inaugural Session:

The Hands-on Training/Workshop was inaugurated on 8th January, 2018 at the Seminar Hall of Department of Biotechnology, S. Kula Women's College, Nambol, Manipur, with lighting the lamp by guests on the dais. Ms. Sh. Surodhoni Devi, JRF, Advanced Institutional Biotech Hub, S. Kula Women's College, Nambol, Manipur welcomed the guests and participants. The Inaugural address was given by Dr. Debananda Singh Ningthoujam, Coordinator, DBT– State Biotech Hub, Department of Biochemistry, Manipur University, Canchipur, Imphal. Mr. W. Robindro Singh, HoD/Coordinator, Advanced Institutional Biotech Hub, S. Kula Women's College, Nambol, Manipur delivered the keynote on the occasion. The Chief Guest, Dr. Debananda Singh Ningthoujam, Coordinator, DBT– State Biotech Hub, Department of Biochemistry, Manipur University, Canchipur, Imphal and Guest of Honour W. Nimai Singh, Coordinator, Advanced Institutional Biotech Hub, K. P. College, Hiyangthang, Manipur, both were delivered a thought-provoking lectures on the importance of Plant Tissue Culture Techniques. At the end of the inaugural session, Mr. W. Robindro Singh, HoD/Coordinator, Advanced Institutional Biotech Hub presented Mementos to the dignitaries on the dais and this session was concluded by proposed vote of thanks by Dr. Romesh Sagolshemcha, Research Associate, Advanced Institutional Biotech Hub, S. Kula Women's College, Nambol, Manipur.

Technical Session -I: (8th January, 2018)

Bench work-I (Sterilization techniques- Glassware, Equipment, Culture media, Explant, Laminar Air flow chamber)

09.01.2018 (TS-II)

Bench work-II (Tissue culture media preparation)

10.01.2018 (TS-III)

Bench work-III (Plant sample/Explant preparation)

Bench work-IV (Demo - Inoculation of explant)

11.01.2018 (Break)

12.01.2016 (TS-IV)

Bench work-V (Plant sample/Explant preparation)

Bench work-VI (Inoculation of explant to culture medium)

Bench Work-VII (Incubation of the plant at different controlled condition)

13.01.2018 (TS-V)

Bench Work- VIII (Inoculation of explant – cell culture, tissue culture, organ culture)

15.01.2018 (TS-VI)

Bench Work- IX (Micropropagation technique)

16.01.2018 (TS-VII)

Bench Work- X (Micropropagation technique – *contd/-*)

17.01.2018 (TS- VIII)

Bench Work- XI (Micropropagation technique – *contd/-*)

18.01.2018 (Break)

19.01.2018 (TS-IX)

Bench work-XII (Potting of clones)

20.01.2018 (TS-X)

Closing ceremony with Mr. W. Robindro Singh, HoD/Coordinator, Advanced Institutional Biotech Hub in the chair. Certificates were distributed to the participants.

Programme Closed