

Circular

NABM/TC/Webinar/2020-21

05.06.2020

NABM Delhi is arranging an online **training (webinar) program on “LED/LCD TV repairing Workshop”** through **CISCO Webex** for Senior Technicians/Technicians of Doordarshan from **22.06.2020 to 26.06.2020** (5 half days in FN) from **1000-1300** hrs. This training is planned to train technical staff for maintenance of new TV receivers, as technology in television receivers has changed from CRT to LED/LCD panels. Webinar will be a mix of on line lectures as well as practical demonstrations. The training will be given by Sh. Anand Rajput, an expert in LED/LCD TV receiver repair field.

SCHEDULE FOR THE WEBINAR–**Day 1**

- Introduction to basic electronics components.
- Block diagram of LCD and LED TV receiver.
- Power supply circuit diagram and its fault finding.

Day 2

- Explanation of backlight driver circuit and use of universal backlight driver circuits.
- Backlight strip repairing demonstration.

Day 3

- Block diagram of Motherboard.
- Bios programming (software by using of programmer).
- ISP programming with VGA port.

Day 4

- Different types of panel (NON HD, FHD, 4K).
- Scalar and t con board, their power on sequence and fault finding of t con board.

Day 5

- Universal board installation.
- Common fault diagnosis.
- Doubt session.

All Head of Engineering of DDK/DMC stations may nominate engineering staff (Sr. Tech/Tech) having flair for repair work and already involved in maintenance activities at Kendra. It may also be ensured that the nominated official is able to attend the webinar for all 5 days in continuation. Nominations need to be sent at earliest on email id nabmctc.tt@prasarbharati.gov.in. Stations may send name of participant, email id, station name and mobile number of participant (with WhatsApp) to register in this webinar latest by 12.00 pm on 19.06.2020.

Participants will have to download Webex App from Google/Apple Play store to participate in webinar using mobile. Webex App for windows may be downloaded to participate in webinar using laptop. Good Internet connectivity is requisite for attending webinar. Participants will be able to join webinar on clicking the link which will be emailed to them. Any other modalities of webinar will be emailed subsequently.

This circular is being issued with the approval of competent authority.

Manisha Shete
Director(E), Training Cell.

NABM Delhi