

**GOVERNMENT OF TELANGANA  
DEPARTMENT OF TECHNICAL EDUCATION**

**OFFICE OF THE  
COMMISSIONER OF TECHNICAL EDUCATION  
TELANGANA :: HYDERABAD**

Sub : TE - T& P Section - Three weeks online Industrial Training Program for the Physics Lecturers of Government Polytechnics, Telangana - Permission accorded - Reg.

Ref: 1 Lr.No: RTTC-HYD/TM/TRGs/2019-21/22, Dt: 08-09-2021 & Dt: 16.09.2021 received from Sri. S. Vivek, Asst. General Manager / Faculty, O/o Principal / PGM, Regional Telecom Training Centre, Bharath Sanchar Nigam Limited, Hyderabad through mail.

2 CTE's File No: CTE-TP/TRNG/27/2021-TPS, Dt: 21.09.2021.

3 The mail, Dt: 01.10.2021 received from Sri. S. Vivek, Asst. General Manager / Faculty, O/o Principal / PGM, Regional Telecom Training Centre, Bharath Sanchar Nigam Limited, Hyderabad.

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With reference 3<sup>rd</sup> cited, Sri. S. Vivek, Asst. General Manager / Faculty, O/o Principal / PGM, Regional Telecom Training Centre, Bharath Sanchar Nigam Limited, Hyderabad has sent the sub topics for Optical Fiber Communications- Applications of Optics (Physics) in Telecom/IT Industry. These Topics are relevant for the Industrial Training of Physics Lecturers. The details of the sub topics is as follows-

**Optical Fiber Communications - Applications of Optics (Physics) in Telecom/IT Industry**

- The advantages of Optical fibre communications in telecom and need of aggregation wrt transmission
- Applications of OF Communications
- Reflection , refraction & working principle of of cable
- The parts of OF Cable & the information flow in of communication
- Optical fiber communication system in broad aspect
- The losses in of communications
- Real time classification & usage of of cable in the telecom /it industry
- The different geometries involved in of cable & numbering
- OF splicing & methods of splicing
- Preparation of OF cable for splicing
- A real time practical video on splicing of OFC cable.

In view of the above, the Principals of all Government Polytechnics are hereby directed to inform the Physics Lecturers to register and attend for the three weeks online industrial training program on 20<sup>th</sup> October, 2021 by paying the course fee using GPAY QR Code or NEFT/IMPS payment to the following Bank Account of RTTC, Hyderabad, BSNL in the QR Code or details given below and shall send the payment receipt to mail-ID:[bsnlrttchyd@gmail.com](mailto:bsnlrttchyd@gmail.com). The registered Physics Lecturers shall also send the details to this office through Email-ID [adtrg.ts@gmail.com](mailto:adtrg.ts@gmail.com).

QR Code :



Please Send your UPI or NEFT/IMPS payments to the following Bank Account of RTTC, Hyderabad, BSNL :

Bank Acc. No. - 510101006243257,  
Account Type : Current Account(CBCA),  
Bank Acc. Name - AO, CASH, BSNL,  
Hyderabad  
IFSC Code : UBIN0905241

The receipt of this memo shall be acknowledged.  
(This has the approval of the CTE, Telangana)

Signed by A Swamy  
Date: 07-10-2021 16:12:33  
Reason: Approved  
FOR COMMISSIONER

To,  
The Principals of all Govt. Polytechnics under control  
of Department of Technical Education, Telangana State.  
The Secretary, SBTET, T.S., Hyderabad for information.  
Sri. S. Vivek, Asst. General Manager / Faculty, O/o Principal / PGM, Regional  
Telecom Training Centre, Bharath Sanchar Nigam Limited, Hyderabad.

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**T & P Section - Three weeks online Industrial Training Program conducted by RTTC, BSNL Hyderabad for the faculty members of all Government Polytechnics, Telangana - Reschedule-Reg.**

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RTTC BSNL HYDERABAD &lt;bsnlrttchyd@gmail.com&gt;

Fri, Oct 1, 2021 at 6:17 PM

To: AD TRAINING &lt;adtrg.ts@gmail.com&gt;

Cc: Vankayala VEERA VENKATA SATYANARAYANA &lt;satya5.vvv@gmail.com&gt;, admnrттchyd 32 &lt;admnrттchyd@gmail.com&gt;, rayidi prashanth &lt;rayidiprashanth@gmail.com&gt;, krishnareddy@bsnl.co.in, trameshchary@gmail.com, srinath.rттchyd@gmail.com

Respected Sir / Madam,

With reference to the trailing mail and discussion over phone, this is to inform you that the sub topics for the below mentioned topic (which is included in the Industrial training programme) is as follows for the purpose of Industrial training to the Physics Lecturers.

**1. Optical Fiber Communications - Applications of Optics (Physics) in Telecom/IT Industry**

- **The advantages of Optical fibre communications in telecom and need of aggregation wrt transmission**
- **Applications of OF Communications**
- **Reflection , refraction & working principle of of cable**
- **The parts of OF Cable & the information flow in of communication**
- **Optical fiber communication system in broad aspect**
- **The losses in of communications**
- **Real time classification & usage of of cable in the telecom /it industry**
- **The different geometries involved in of cable & numbering**
- **OF splicing & methods of splicing**
- **Preparation of OF cable for splicing**
- **A real time practical video on splicing of OFC cable.**

As discussed, please find the attached list of first two batches (excel sheets) of faculty members of all TS Government Polytechnics which commenced from 27-Sept-2021. The exact list will be forwarded to you next week after some corrections requested by faculty members.

Thanks &amp; Kind Regards,

S.Vivek,

Asst.General Manager / Faculty,

O/o Principal / PGM,

Regional Telecom Training Centre,

Bharath Sanchar Nigam Limited

(A Govt. of India enterprise)

Gachibowli, Hyderabad - 500 032.

Ph No: 040-23000172 / 233

9441122200

**Sri R Prashanth, SDE - 94904 72330****Sri M.Devi Prasad, SDE - 9490118909****Sri V.Srinath, SDE - 94408 45584**

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**Industrial Trg-27 sept batches .xls**

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