



আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম
الجامعة الإسلامية العالمية شيتاغونغ
International Islamic University Chittagong

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Name : Md. Abdur Rahman ID : T191060 Section : B	Optical Fiber Communications Sessional ETE-4844
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LAB - REPORT

Course Name: Optical fiber Communications Sessional

Course Code: ETE-4844

Experiment No: 01

Experiment Name: Introduction to basic optical communication system and various components

Submitted By

Student Name: Md. Abdur Rahman

Id: T191060

Semester: 8th

Department: ETE

Section: B

Submitted to:

Engr. Abdul Gafur

Associate professor

Department of ETE, IIUC

Date of Experiment: 1/07 /2023

Date of Submission: 8/07 /2023

Remarks



আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম
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International Islamic University Chittagong

LAB - REPORT

Course Name: Optical fiber Communications Sessional

Course Code: ETE-4844

Experiment No: 02

Experiment Name: Introduction to basic optical communication system using Optisystem.

Submitted By

Student Name: Md. Abdur Rahman

Id: T191060

Semester: 8th

Department: ETE

Section: B

Submitted to:

Engr. Abdul Gafur

Associate professor

Department of ETE, IIUC

Date of Experiment: 08-07-2023

Date of Submission: 15-07-2023

Remarks



আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম
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LAB - REPORT

Course Name: Optical fiber Communications Sessional

Course Code: ETE-4844

Experiment No: 03

Experiment Name: Direct modulation of LASER.

Submitted By

Student Name: Md. Abdur Rahman

Id: T191060

Semester: 8th

Department: ETE

Section: B

Submitted to:

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Associate professor

Department of ETE, IIUC

Date of Experiment: 15-07-2023

Date of Submission: 22-07-2023

Remarks



আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম
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LAB - REPORT

Course Name: Optical fiber Communications Sessional

Course Code: ETE-4844

Experiment No: 04

Experiment Name: Introduction to wavelength division multiplexing (WDM) and its simulation using Optisystem

Submitted By

Student Name: Md. Abdur Rahman

Id: T191060

Semester: 8th

Department: ETE

Section: B

Submitted to:

Engr. Abdul Gafur

Associate professor

Department of ETE, IIUC

Date of Experiment: 22-07-2023

Date of Submission: 29-07-2023

Remarks



আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম
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LAB - REPORT

Course Name: Optical fiber Communications Sessional

Course Code: ETE-4844

Experiment No: 05

Experiment Name: Introduction to difference between CWDM and DWDM and its simulation using Optisystem.

Submitted By

Student Name: Md. Abdur Rahman

Id: T191060

Semester: 8th

Department: ETE

Section: B

Submitted to:

Engr. Abdul Gafur

Associate professor

Department of ETE, IIUC

Date of Experiment: 29-07-2023

Date of Submission: 05-08-2023

Remarks



আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম
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LAB - REPORT

Course Name: Optical fiber Communications Sessional

Course Code: ETE-4844

Experiment No: 06

Experiment Name: Experiment on splicing of optical fiber cable

Submitted By

Student Name: Md. Abdur Rahman

Id: T191060

Semester: 8th

Department: ETE

Section: B

Submitted to:

Engr. Abdul Gafur

Associate professor

Department of ETE, IIUC

Date of Experiment: - - 2023

Date of Submission: 09-09-2023

Remarks



আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম
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LAB - REPORT

Course Name: Optical fiber Communications Sessional

Course Code: ETE-4844

Experiment No: 07

Experiment Name: Testing Optical Fiber Cable Link Using Optical Time Domain Reflectometer (OTDR).

Submitted By

Student Name: Md. Abdur Rahman

Id: T191060

Semester: 8th

Department: ETE

Section: B

Submitted to:

Engr. Abdul Gafur

Associate professor

Department of ETE, IIUC

Date of Experiment: - - 2023

Date of Submission: 09-09-2023

Remarks



আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম
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LAB - REPORT

Course Name: Optical fiber Communications Sessional

Course Code: ETE-4844

Experiment No: 08

Experiment Name: Introduction to free-space optics (FSO) and its implementation using Optisystem.

Submitted By

Student Name: Md. Abdur Rahman

Id: T191060

Semester: 8th

Department: ETE

Section: B

Submitted to:

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Associate professor

Department of ETE, IIUC

Date of Experiment: - - 2023

Date of Submission: 16-09-2023

Remarks



আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম
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LAB - REPORT

Course Name: Optical fiber Communications Sessional

Course Code: ETE-4844

Experiment No: 09

Experiment Name: Introduction to basic Passive Optical Networks in Optisystem.

Submitted By

Student Name: Md. Abdur Rahman

Id: T191060

Semester: 8th

Department: ETE

Section: B

Submitted to:

Engr. Abdul Gafur

Associate professor

Department of ETE, IIUC

Date of Experiment: - - 2023

Date of Submission: 23/09 /2023

Remarks