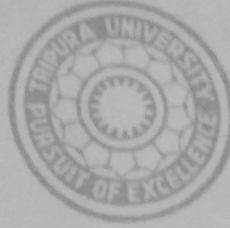


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APPROVAL SHEET

This thesis entitled, "Increasing Channel Efficiency of an Optical Communication System Transmitter And Receiver Side" by "Nitish Sinha" is approved for the degree of Master of Technology in Electronics & Communication Engineering.

The project work has been prepared as per the regulation of Tripura University and qualifies to be accepted in partial fulfilment of the requirement for the Master of Technology in Electronics & Communication Engineering.

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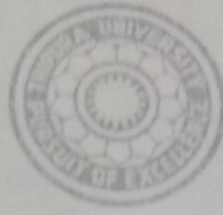
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APPROVAL SHEET

This thesis entitled, "A study on the effect of the optical receiver filter's bandwidth in a high-speed optical fiber communication with linear impairments" by "Rajat Kumar Das" is approved for the degree of Master of Technology in Electronics & Communication Engineering.

The project work has been prepared as per the regulation of Tripura University and qualifies to be accepted in partial fulfillment of the requirement for the Master of Technology in Electronics & Communication Engineering.

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Approval sheet

This thesis entitled, "Micro Ring Resonator based on Optical Sensor" by "PAPIYA DEBBARMA" is approved for the degree of Master of Technology in Electronics & communication Engineering.

The project work has been prepared as per the regulation of Tripura University and qualifies to be accepted in partial fulfillment of the requirement for the Master of Technology in Electronics & communication Engineering.

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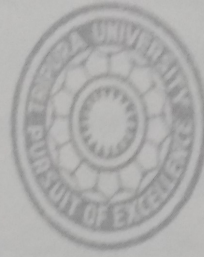
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Approvalsheet

This thesis entitled, “Designing of micro-ring modulator based 8PSK generator” by “SANJUKTA BHOWMIK” is approved for the degree of Master of Technology in Electronics & communication Engineering.

The project work has been prepared as per the regulation of Tripura University and qualifies to be accepted in partial fulfilment of the requirement for the Master of Technology in Electronics & communication Engineering.

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Approvalsheet

This thesis entitled, "Constellation diagram analysis of different modulation format in optical fiber communication in the presence of different fiber induced impairment and analysis bit error rate curve" by "SUJATA DASH" is approved for the degree of Master of Technology in Electronics & communication Engineering.

The project work has been prepared as per the regulation of Tripura University and qualifies to be accepted in partial fulfilment of the requirement for the Master of Technology in Electronics & communication Engineering.

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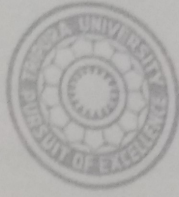
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APPROVAL SHEET

This thesis entitled, "Optical Wireless Data Communication using Li-Fi Transceiver" by "Suman Debnath" is approved for the degree of Master of Technology in Electronics & communication Engineering.

The project work has been prepared as per the regulation of Tripura University and qualifies to be accepted in partial fulfilment of the requirement for the Master of Technology in Electronics & communication Engineering.

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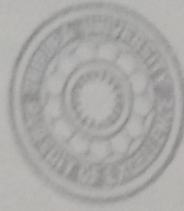
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APPROVAL SHEET

This is to certify that the Dissertation report entitled — A Novel Wideband Compact Monopole Antenna with Circular Polarization Characteristics submitted by Tania Biswas for the degree of Master of Technology in Electronics and Communication Engineering has been examined and evaluated.

The project work has been prepared as per the regulation of Tripura University and qualifies to be accepted in partial fulfilment of the requirement for the Master of Technology in Electronics and Communication Engineering.

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APPROVAL SHEET

This is to certify that the work embodied in this project entitled "NOVEL FRACTAL BASED ULTRA WIDEBAND DIELECTRIC RESONATOR ANTENNA" Submitted by PUJA DAS to the Department of Electronics and Communication Engineering of Tripura University, Suryamaninagar-799022, Tripura, India has been examined and evaluated.

The project report has been prepared as per the regulation of Tripura University and qualifies to be accepted in partial fulfilment of the requirement for the Master of Technology in Electronics and Communication Engineering.

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Supervisor

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A. Karmakar

Dr. Anirban Karmakar

Assistant Professor

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Examiners:

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(Dr. Aheibam Dinamani Singh)
Associate Prof. (ECE), NIT Manipur
Date: 14/09/20

Place: Tripura University (A Central University), Suryamaninagar



APPROVAL SHEET

This is to certify that the project report entitled, "Design of a Novel Fractal Based Dielectric Resonator Antenna for Wideband Applications" submitted by Khusboo Debbarma for the degree of Master of Technology in Electronics and Communication Engineering has been examined and evaluated.

The project work has been prepared as per the regulation of Tripura University and qualifies to be accepted in partial fulfilment of the requirement for the Master of Technology in Electronics and Communication Engineering.

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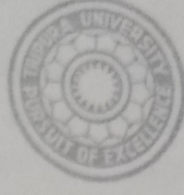
Date: 14/09/2020

Place: Tripura University (A Central University), Suryamaninagar.

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APPROVAL SHEET

This is to certify that the work embodied in this project entitled "**Compact Dual Band Fractal Based Vivaldi Antenna**" Submitted by **SAMPA CHANDA** to the Department of Electronics and Communication Engineering of Tripura University, Suryamaninagar-799022, Tripura, India has been examined and evaluated.

The project report has been prepared as per the regulation of Tripura University and qualifies to be accepted in partial fulfilment of the requirement for the **Master of Technology in Electronics and Communication Engineering**.

Supervisor
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APPROVAL SHEET

This is to certify that the Dissertation report entitled — **Compact Fractal Shaped MIMO Antenna for Portable UWB Applications** submitted by **Amar Sankar Chowdhury** for the degree of **Master of Technology in Electronics and Communication Engineering** has been examined and evaluated.

The project work has been prepared as per the regulation of Tripura University and qualifies to be accepted in partial fulfillment of the requirement for the Master of Technology in Electronics and Communication Engineering.

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APPROVAL SHEET

This is to certify that the Dissertation report entitled — **Design of Compact Triangular Shaped Antenna with Fractal cut for Portable WB MIMO Applications** submitted by **Priyanka Das** for the degree of **Master of Technology in Electronics and Communication Engineering** has been examined and evaluated.

The project work has been prepared as per the regulation of Tripura University and qualifies to be accepted in partial fulfillment of the requirement for the Master of Technology in **Electronics and Communication Engineering**.

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