

A Transfer Learning Approach to Breast Cancer Histological Classification Using Deep Learning

*A Project Report submitted in partial fulfilment of the requirements for the degree
of Master of Computer Application*

by

Swararina Lodh

Registration No. 18111 of 2014-15

Roll No. 1723010001

Under the Supervision of

Dr. Swanirbhar Majumder



Department of Information Technology

Tripura University

Suryamaninagar, Tripura, India - 799022

June, 2020



Department of Information Technology
Tripura University

Suryamaninagar, West Tripura, India, 799022.

Phone: 03712-275356

Fax: 03712-267005

Dr. Swanirbhar Majumder
Head Of The Department

E-Mail : swanirbhar:majumder@tripurauniv.in

Certificate

This is to certify that the thesis entitled “**A Transfer Learning Approach to Breast Cancer Histological Classification Using Deep Learning**” submitted to Tripura University in the Department of Information Technology in partial fulfillment of the award of the degree of **Master of Computer Application** is a record of research work carried out by **Swararina Lodh**, Registration Number **18111** under my supervision and guidance.

All helps received by him from various sources have been duly acknowledged. No part of this thesis has been submitted elsewhere for award of any other degree.

A handwritten signature in blue ink, consisting of a circular scribble followed by a long, sweeping horizontal stroke.

Signature of Supervisor
(Dr. Swanirbhar Majumder)
Head of the Department
Department of Information Technology
Tripura University
Suryamaninagar, Tripura, India, 799022

Smart Border Security System using Internet of Things

A project report submitted in partial fulfilment of the requirements for the degree

of

Master of Computer Application

by

Madhurima Bhattacharya

Registration No. 17928 of 2014-15

Roll No. 1723010002

Under the Supervision

and

Guidance of

Dr. Alak Roy

Assistant Professor, Dept. of Information Technology, Tripura University



Department of Information Technology

Tripura University

Suryamaninagar, Tripura, India - 799022

June, 2020



Department of Information Technology
Tripura University

Suryamaninagar, West Tripura, India, 799022.

Phone: 03712 275356

Fax: 03712 267005

Dr. Alak Roy
Assistant Professor

E-Mail: alakroy@tripurauniv.in

Certificate

This is to certify that the project entitled “**Smart Border Security System using Internet of Things**” submitted to Tripura University in the Department of Information Technology in partial fulfillment of the award of the degree of **Master of Computer Application** is a record of research work carried out by **Madhurima Bhattacharya**. Registration Number **17928 of 2014-15**. Roll No. **1723010002** under my supervision and guidance.

All helps received by her from various sources have been duly acknowledged. No part of this project has been submitted elsewhere for award of any other degree.

Signature of Supervisor
(Dr. Alak Roy)

Assistant Professor

Department of Information Technology
Tripura University
Suryamaninagar, Tripura, India, 799022

A comprehensive study on QCA design approach and it challenges

A thesis submitted in partial fulfilment of the requirements for the degree of
Master of Computer Application

by

Subrata Ghosh

Registration No. 03226 of 2013-2014

Roll no. 1723010004



Department of Information Technology
Tripura University
Suryamaninagar, Tripura, India - 799022

June, 2020



Department of Information Technology
Tripura University
Suryamaninagar, West Tripura, India, 799022.

Jayanta Pal
Assistant Professor

Phone: 9774829599

Fax: 03712-267005

E-Mail : jayantapal@tripurauniv.in

Certificate

This is to certify that the thesis entitled “**A comprehensive study on QCA design approach and its challenges**” submitted to Tripura University in the Department of Information Technology in partial fulfillment of the award of the degree of **Master of Computer Application** is a record of research work carried out by **Subrata Ghosh**, Registration Number **03226 of 2013-2014** under my supervision and guidance.

All helps received by him from various sources have been duly acknowledged. No part of this thesis has been submitted elsewhere for award of any other degree.

Signature of Supervisor
(Jayanta Pal)

Assistant Professor
Department of Information Technology
Tripura University
Suryamaninagar, Tripura, India, 799022

Predicting Mortality for ICU Patients Using Cloud Computing

*A project report submitted in partial fulfilment of the requirements for the degree
of Master of Computer Application*

by

Sucheta Ningombam

Registration No. 17758 of 2013-14

Roll No. 1723010006

Under the Supervision of

Swanirbhar Majumder

Associate Professor, Dept. of IT



Department of Information Technology

Tripura University

Suryamaninagar, Tripura, India - 799022

June 22nd, 2020



Department of Information Technology
Tripura University

Suryamaninagar, West Tripura, India, 799022.

Phone: +91 9436229406

Fax: 03712-267005

Dr. Swanirbhar Majumder
Assistant Professor, Dept. of IT

E-Mail : swanirbharmajumdar@tripurauniv.in

Certificate

Certified that the thesis entitled “**Predicting Mortality for ICU Patients using Cloud Computing**” submitted by **Sucheta Ningombam**, Registration Number **17758 of 2013-14**, Roll No. **1723010006**, to Tripura University in the Department of Information Technology is a record of research work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of **Master of Computer Application** of the University.

A handwritten signature in blue ink, consisting of a circular scribble followed by a long horizontal stroke.

(Dr. Swanirbhar Majumder)
Associate Professor &
Head of the Department
Department of Information Technology
Tripura University
Suryamaninagar, Tripura, India, 799022

Study on Automated Early Detection of Sepsis using Machine Learning

A thesis submitted in partial fulfilment of the requirements for the degree of
Master of Computer Application

by

Ranadhir Debnath

Registration No. 19283 of 2014-15

Roll No. 1723010007



Department of Information Technology

Tripura University

Suryamaninagar, Tripura, India - 799022

June, 2020



Department of Information Technology
Tripura University

Suryamaninagar, West Tripura, India, 799022.

Phone: 9436454409

Fax: 03712-267005

Swarup Nandi
Assistant Professor

E-Mail : swarupnandi@tripurauniv.in

Certificate

This is to certify that the project report entitled "**Study on Automated Early Detection of Sepsis using Machine Learning**" submitted to Tripura University in the Department of Information Technology in partial fulfillment of the award of the degree of **Master of Computer Application** is a record of research work carried out by **Ranadhir Debnath**, Registration Number **16283 of 2014-15**, Roll No. **1723010007** under my supervision and guidance.

All helps received by him from various sources have been duly acknowledged. No part of this thesis has been submitted elsewhere for award of any other degree.

A handwritten signature in blue ink that reads 'Swarup Nandi'.

(Swarup Nandi)
Assistant Professor
Department of Information Technology
Tripura University
Suryamaninagar, Tripura, India, 799022

Synthesis of Logic Circuit in QCA Incorporating Regular Clocking Scheme

A thesis submitted in partial fulfilment of the requirements for the degree of
Master of Computer Application

by

Jyotirmoy Sil Sharma

Registration No. 18108 of 2014-2015



Department of Information Technology

Tripura University

Suryamaninagar, Tripura, India - 799022

June, 2020



Department of Information Technology
Tripura University

Suryamaninagar, West Tripura, India, 799022.

Mr. Jayanta Pal
Assistant Professor

Phone: 9774829599

Fax- N.A

E-Mail : jayantapal@tripurauniv.in

Certificate

This is to certify that the thesis entitled “**Synthesis of Logic Circuit in QCA Incorporating Regular Clocking Scheme**” submitted to Tripura University in the Department of Information Technology in partial fulfillment of the award of the degree of **Master of Computer Application** is a record of research work carried out by **Jyotirmoy Sil Sharma**, Registration Number **18108 of 2014-2015** under my supervision and guidance.

All helps received by him from various sources have been duly acknowledged. No part of this thesis has been submitted elsewhere for award of any other degree.

A handwritten signature in blue ink, appearing to read 'Jayanta Pal'.

Signature of Supervisor

(Mr. Jayanta Pal)

Assistant Professor

Department of Information Technology

Tripura University

Suryamaninagar, Tripura, India, 799022

Security in Cloud Platform using BaaS Protocol

A thesis submitted in partial fulfilment of the requirements for the degree of
Master of Computer Application

by

Sonia Paul

Registration No. 007871 of 2010-11



Department of Information Technology

Tripura University

Suryamaninagar, Tripura, India - 799022

May, 2019



Department of Information Technology
Tripura University
Suryamaninagar, West Tripura, India, 799022.

Phone: 9436454409

Sri. Swarup Nandi
Lecturer

E-Mail : swarupnandi@tripurauniv.in

Certificate

This is to certify that the thesis entitled “**Security in Cloud Platform using BaaS Protocol**” submitted to Tripura University in the Department of Information Technology in partial fulfillment of the award of the degree of **Master of Computer Application** is a record of research work carried out by **Sonia Paul**, Registration Number **007871 of 2010-11** under my supervision and guidance.

All helps received by him from various sources have been duly acknowledged. No part of this thesis has been submitted elsewhere for award of any other degree.

S. Nandi
09/05/19

Signature of Supervisor
(Sri. Swarup Nandi)
Lecturer

Department of Information Technology
Tripura University
Suryamaninagar, Tripura, India, 799022

Android Application for Public Transport Tracking

A thesis submitted in partial fulfilment of the requirements for the degree of

Master of Computer Application

by

Ayan Bhattacharjee

Registration No. 17479 of 2013-14

Under the Supervision and Guidance of

Radhey Shyam

Scientist-B, NIC Agartala

and

Alak Roy

Assistant Professor, Department of IT

Tripura University, Suryamaninagar



Department of Information Technology

Tripura University

Suryamaninagar, Tripura, India - 799022

May, 2019



Department of Information Technology
Tripura University

Suryamaninagar, West Tripura, India, 799022.

Alak Roy
Assistant Professor

Phone : +91 94362 43766

E-Mail : alakroy@tripurauniv.in

Certificate

This is to certify that the thesis entitled “**Android Application for Public Transport Tracking**” submitted to Tripura University in the Department of Information Technology in partial fulfillment of the award of the degree of **Master of Computer Application** is a record of research work carried out by **Ayan Bhattacharjee**, Registration Number **17479** of **2013-14** under my supervision and guidance.

All helps received by him from various sources have been duly acknowledged. No part of this thesis has been submitted elsewhere for award of any other degree.

Alak Roy 06/05/2019

Signature of Project Supervisor
(Mr. Alak Roy)

Assistant Professor

Department of Information Technology
Tripura University
Suryamaninagar, Tripura, India, 799022

A study of temperature stability and power dissipation on combinational logic circuits in Quantum Dot Cellular Automata

A thesis submitted in partial fulfilment of the requirements for the degree of

Master of Computer Application

by

Shiboprosad Bhattacharjee

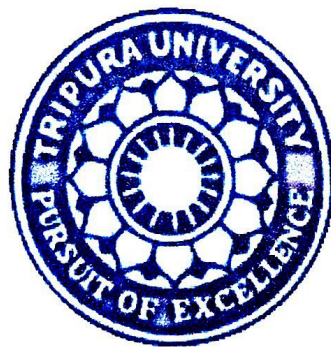
Registration No. 016282 of 2016-17

Under the Supervision and Guidance of

Jayanta Pal

Assistant Professor, Department of IT

Tripura University, Suryamaninagar



Department of Information Technology

Tripura University

Suryamaninagar, Tripura, India - 799022

May, 2019



**Department of Information Technology
Tripura University**

Suryamaninagar, West Tripura, India, 799022.

Phone: + 919774829599

Fax: -N/A-

E-Mail : jayantapal@tripurauniv.in

Mr. Jayanata Pal

Assistant Professor Department of Information Technology

Certificate

This is to certify that the thesis entitled “**A study of temperature stability and power dissipation on combinational logic circuits in Quantum Dot Cellular Automata** ” submitted to Tripura University in the Department of Information Technology in partial fulfillment of the award of the degree of **Master of Computer Application** is a record of research work carried out by **Shiboprosad Bhattacharjee**, Registration Number **016282 of 2016-17** under my supervision and guidance.

All helps received by him from various sources have been duly acknowledged. No part of this thesis has been submitted elsewhere for award of any other degree.

Signature of Project Coordinator

(Mr. Jayanata Pal)

Assistant Professor

Department of Information Technology
Tripura University
Suryamaninagar, Tripura, India, 799022

Cloud based Immediate attention requirement for ICU patient

A thesis submitted in partial fulfillment of the requirements for the degree of
Master of Computer Application

by

Madhu Chanda Roy

Registration No. 05020 of 2012-2013

Under the Supervision and Guidance of by

Dr. Swanirbhar Majumder

Associate Professor, Department of IT



Department of Information Technology

Tripura University

Suryamaninagar, Tripura, India - 799022

May, 2019



**Department of Information Technology
Tripura University**

Suryamaninagar, West Tripura, India, 799022.

Phone: 03712-275356

Fax: 03712-267005

E-Mail : facultyid@tripurauniv.in

**Dr. Faculty Name
Designation**

Certificate

This is to certify that the thesis entitled "**Cloud based Immediate attention requirement for ICU patient**" submitted to Tripura University in the Department of Information Technology in partial fulfillment of the award of the degree of **Master of Computer Application** is a record of research work carried out by **Madhu Chanda Roy**, Registration Number **05020** of **2012-2013** under my supervision and guidance.

All helps received by him from various sources have been duly acknowledged. No part of this thesis has been submitted elsewhere for award of any other degree.

Signature of Supervisor
(Dr. Swanirbhar Majumder)

Associate Professor

Department of Information Technology
Tripura University
Suryamaninagar, Tripura, India, 799022

Natural Language for Local (Hrangkhawl) Dialect

Project report submitted in partial fulfilment of the requirements for the award
of the degree of

Master in Computer Application

Submitted By

Theodore Raphael Hrangkhawl
MCA Roll No. 1501190009

Under the Supervision and Guidance of

Dr. Swanirbhar Majumder

Associate Professor, Department of Information Technology



DEPARTMENT OF INFORMATION TECHNOLOGY

TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar, Tripura, India - 799022

June, 2018

UNDERTAKING

I declare that the work which is being presented in this project report entitled “Natural Language Processing for local (Hrangkhawl) dialect”, submitted to the Information Technology Department, Tripura University, for the award of the degree of Master in Computer Application , is an authentic record of my own work carried out under the supervision and guidance of **Dr. Swanirbhar Majumder**. I have not plagiarized or submitted the same work for the award of any other degree. In case this undertaking is found incorrect, I accept that my degree may be unconditionally withdrawn

June, 2018
Agartala

Theodore Raphael Hrangkhawl

Mr.Theodore Raphael Hrangkhawl

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “**Natural Language processing for local (Hrangkhawl) dialect**”, by **Mr. Theodore Raphael Hrangkhawl**, Registration Number 014244 of 2012-13 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



Dr. Swanirbhar Majumder

Project Supervisor and Head

Associate Professor

Department of Information Technology

Tripura University



Mr. Jayanta Pal

Project Coordinator

Assistant Professor

Department of Information Technology

Tripura University

CERTIFICATE

This is to certify that the project “**Natural Language processing for local (Hrangkhawl) dialect**” of project report submitted by **Mr. Theodore Raphael Hrangkhawl**, Registration No 014244 of: 2012-13 is approved for the award of Degree of Master of Computer Application and the project evaluation and viva-voce examination has been held on June 2018.

Adams
6.6.18 *Sesdi*
06.06.18

INTERNAL EXAMINER

[Signature]
06/06/18

EXTERNAL EXAMINER

Wearable Devices Based on Internet of Things Promises for Person-Centered Healthcare

Master of Computer Application (MCA) 6th Semester

Master of Computer Application

by

SOUVIK NAG

MCA1501190014

SRI SWARAP NANDI

Assistant Professor, Department of IT



Department of Information Technology

**TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar, Tripura, India - 799022**

September, 2018

UNDERTAKING

I declare that the work which is being presented in this project report entitled “Wearable Devices Based on Internet of Things”, submitted to the Information Technology Department, Tripura University, for the award of the degree of Master of Computer Application, is an authentic record of my own work carried out under the supervision and guidance of Sri Swarup Nandi Lacturer, Department of IT TU. I have not plagiarized or submitted the same work for the award of any other degree. In case of this undertaking is found incorrect, I accept that my degree may be unconditionally withdrawn.

September 2018
Agartala

Souvik Nag
Souvik Nag

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "***Wearable Devices Based on Internet of Things Promises for Person-Centered Healthcare***", by Souvik Nag, 007204 of 2011-2012 Roll no. 1501190014 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



Sri. Swarup Nandi
(Project Supervisor)
Lecturer

Department of Information Technology
Tripura University



Sri Jayanta Pal
(Project Coordinator)
Associate Professor

Department of Information Technology
Tripura University



Dr. Swanirbhar Majumdar
(Head of the Department)
Associate Professor

Department of Information Technology
Tripura University

Digitization of 1st Settlement Surveyed RORs

Project report submitted in partial fulfilment of the requirements for the award of the degree of

Master of Computer Application

Submitted by

Arghyajita Deb

1501190010

&

Indra Rekha Debnath

1501190012

Under the Supervision and Guidance of

Sumanta Saha

(Lecturer)

Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

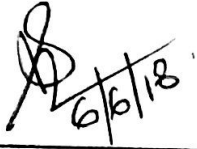
(A Central University)

Suryamaninagar, Tripura, India - 799022

June, 2018

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "*Digitization of 1st Settlement Surveyed RORs*", by Arghyajita Deb ,Registration Number 14900 of 2012-13&IndraRekhaDebnath, Registration Number 14899 of 2012-13 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under our supervision and guidance and is worthy of consideration for the award of the degree of *Master of Computer Application* of the University.



Sumanta Saha
(Project Supervisor)
(Lecturer)
Department of IT
Tripura University



Jayanta Pal
(Project Coordinator)
Assistant Professor
Department of IT
Tripura University



Dr. Swanirbhar Majumder
(Head of the Department)
Associate Professor
Department of IT
Tripura University

Personal Health Record (Based on online)

Project report submitted in partial fulfilment of the requirements for the award of the
degree of

Master of Computer Application

Submitted by
Suman Bhowmik
1501190018
&
Chayanika Deb
1501190016

Under the Supervision and Guidance of
Tandra Sarkar
Guest Lecturer, Department of IT

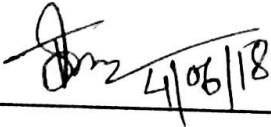


Department of Information Technology
TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar, Tripura, India - 799022

June, 2018

CERTIFICATE OF APPROVAL

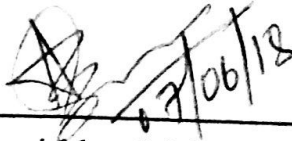
Certified that the work contained in the project report entitled "*Personal Health Record (Based on Online)*", by Suman Bhowmik, Registration Number 14220 of 2012-13 & Chyanika Deb, Registration Number 05001 of 2012-13 of Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under our supervision and guidance and is worthy of consideration for the award of the degree of *Master of Computer Application* of the University.



Mrs. Tandra Sarkar
(Project Supervisor)
Guest Lecturer
Department of Information Technology
Tripura University



Mr. Jayanta Pal
(Project Coordinator)
Assistant Professor
Department of Information Technology
Tripura University



Dr. Swanirbhar Majumder
(Head of the Department)
Associate Professor
Department of Information Technology
Tripura University

Logic Circuits using Quantum Dot Cellular Automata

*Project report submitted in partial fulfilment of the requirements for the award of the
degree of*

Masters of Computer Application

by

Santanu Paul (1501190013)

Under the Supervision and Guidance of

Mr. Jayanta Pal

Assistant Professor, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India - 799022

June, 2018

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “**Logic Circuits using Quantum Dot Cellular Automata**”, by Santanu Paul, Registration no. 15884 of 2012-13 to Tripura University, Suryamaninagar, India, is a record of bona-fide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of **Masters of Computer Application**.



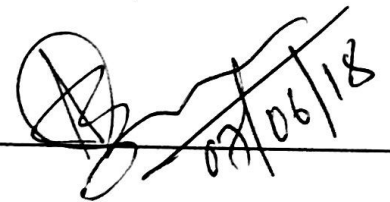
Jayanta Pal

(Project Coordinator & Guide)

Assistant Professor

Department of Information Technology

Tripura University



Dr. Swanirbhar Majumder

Head of the Department

Associate Professor

Department of Information Technology

Tripura University

Dashboard for e-Jami

Project report submitted in partial fulfillment of the requirements
for the award of degree of

Masters of Computer Applications

by

Deepshikha Das
1501190004

Jayatri Debnath
1501190011

Under the Supervision and Guidance of

Alak Roy

Assistant Professor, Department of IT



DEPARTMENT OF INFORMATION TECHNOLOGY

TRIPURA UNIVERSITY

(A Central University)

SURYAMANINAGAR - 799022, TRIPURA

June, 2018

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report titled “**Dashboard for e-Jami**” by Deepshikha Das, Registration no. 010972 of 2011-12 and Jayatri Debnath, Registration No.15886 of 2012-13 to Tripura University, Suryamaninagar, India, is a record of bonafied project work carried out under supervision and guidance and is worthy of consideration for the award of the degree of Masters of Computer Application.



Alak Roy
(Project Supervisor)
Assistant Professor
Department of IT
Tripura University



Jayanta Pal
(Project Coordinator)
Assistant Professor
Department of IT
Tripura University



Dr. Swanirbhar Majumder
(Head of the Department)
Associate Professor
Department of IT
Tripura University

Online Health Care (Emergency Services)

Project report submitted in partial fulfillment of the requirement for the subject
project & viva (INFT1201P)

Masters of Computer Applications

by

Rakesh Majumder (1501190005)

Prasanta Pal (1501190015)

Arpan Deb (1501190017)

Under the Supervision and Guidance of

Internal Guide

Bhaskar Biswas

Guest Lecturer, Department of IT

External Guide

Nilkamal De Purkayastha

Programmer/SB,NIC, Agartala



DEPARTMENT OF INFORMATION TECHNOLOGY

TRIPURA UNIVERSITY

(A Central University)

SURYAMANINAGAR - 799022, TRIPURA

JUNE, 2018

CERTIFICATE OF APPROVAL

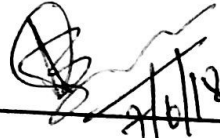
Certified that the work contained in the project report titled “**Online Health Care (Emergency Services)**” by Rakesh Majumder, Registration no. 011234 of 2010-11, Prasanta Pal, Registration No.14149 of 2011-12 and Arpan Deb, Registration no. 00824 of 2012-13 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under supervision and guidance and is worthy of consideration for the award of the degree of Masters of Computer Application.


4/6/18

Bhaskar Biswas
(Internal Project Supervisor)
Guest Lecturer
Department of IT
Tripura University


8/06/18

Jayanta Pal
(Project Coordinator)
Assistant Professor
Department of IT
Tripura University


2/6/18

Dr. Swanirbhar Majumder
Associate Professor
Head Of The Department
Department of IT
Tripura University

Employee Attendance and Payroll Management System

Project report submitted in partial fulfillment of the requirements for the award of the
degree of

Master of Computer Application

By

Dipanwita Debnath

MCA/F/06/19/14

Under the Supervision and Guidance of

Mr. Sumanta Saha

Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India – 799022

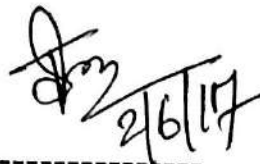
June, 2017

CERTIFICATE

This is to certify that the project entitled "**Employee Attendance and Payroll Management System**" submitted by Dipanwita Debnath(MCA/F/06/19/14) is approved for the award of Degree of *Master of Computer Application* and the project evaluation and viva-voce examination has been held on

Date: June, 2017


Sardi
02/06/17


2/6/17

INTERNAL EXAMINER


02/06/17

EXTERNAL EXAMINER

ONLINE REVENUE COLLECTION FOR HIGH COURT OF TRIPURA

Project Report submitted in partial fulfillment of the requirements for the award

of the degree of

Master of Computer Application

By

RIYA TRIPATHI

MCA/F/6/17/14

&

PUJA BHATTACHARYYA

MCA/F/6/13/14

Under the Supervision and Guidance of

Mr. BIMAL KANTI BISWAS

Scientist-D, NIC Agartala

&

Mr. SUMANTA SAHA

Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India - 799022

June, 2017

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “**Online Revenue Collection For High Court Of Tripura**”, by **Riya Tripathi Registration No-12926 & Puja Bhattacharyya Registration No-12928**, of Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under our supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

Sumanta Saha

Mr. Sumanta Saha
(Project Supervisor)
Lecturer

Department of Information Technology
Tripura University

Jayanta Pal
01/06/17

Mr. Jayanta Pal
(Project Coordinator)
Assistant Professor

Department of Information Technology
Tripura University

Alak Roy
01/06/17

Deptt. of Information Technology,
Tripura University.

Mr. Alak Roy
(Coordinator)
Assistant Professor
Department of Information Technology
Tripura University

Web Design of Tripura Football Association

Project report submitted in partial fulfilment of the requirements
for the award of the degree of

Master of Computer Application

by

Mahasweta Roy (MCA/F/06/04/14)

Under the Supervision and Guidance of

Mrs. Tandra Sarkar

Guest Teacher, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

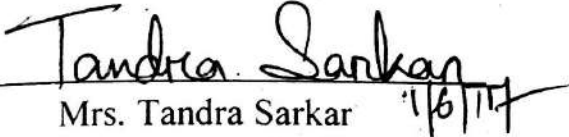
(A Central University)

Suryamaninagar, Tripura, India – 799022

June, 2017

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "Web Design of Tripura Football Association", by Mahasweta Roy, Registration Number 18121 of 2014-2015 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

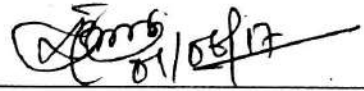

Mrs. Tandra Sarkar

(Project Supervisor)

Guest Teacher

Department of Information Technology

Tripura University


Mr. Jayanta Pal

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University


Mr. Alak Roy

(Coordinator, Department of IT)

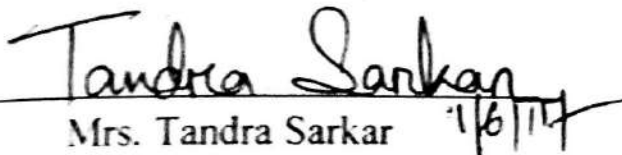
Assistant Professor

Department of Information Technology

Tripura University

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "Web Design of Tripura Football Association", by Mahasweta Roy, Registration Number 18121 of 2014-2015 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



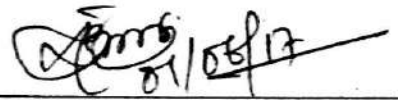
Mrs. Tandra Sarkar

(Project Supervisor)

Guest Teacher

Department of Information Technology

Tripura University



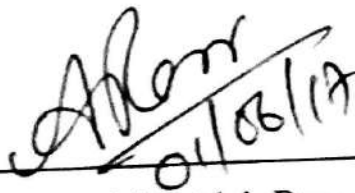
Mr. Jayanta Pal

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University



Mr. Alak Roy

(Coordinator, Department of IT)

Assistant Professor

Department of Information Technology

Tripura University

Accounts Software For AG (Audit) Tripura

Project report submitted in partial fulfilment of the requirements for the award of the
degree of

Master of Computer Application

by

Banashree Deb

MCA/F/6/05/14

Under the Supervision and Guidance of

Mrs. Tandra Sarkar

Guest Teacher, Department of IT, Tripura University



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India – 799022

June, 2017

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "Accounts Software For AG (Audit) Tripura", by Banashree Deb, Registration Number 12974 of 2011-12 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

 20/11/17

Mrs. Tandra Sarkar

(Project Supervisor)

Guest Teacher

Department of Information Technology

Tripura University

 01/08/17

Mr. Jayanta Pal

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University

 01/06/17

Mr. Alak Roy

(Coordinator of the Department)

Assistant Professor

Department of Information Technology

Tripura University

Online Registration System for SCERT

Project report submitted in partial fulfillment of the requirements for the award
of the degree of

Master of Computer Application

by

Moumita Debnath

MCA/F/6/18/14

and

Sreema Deb

MCA/F/6/16/14

Under the Supervision and Guidance of

Mrs. Tandra Sarkar

Department of IT



Department of Information Technology

Tripura University

(A Central University)

Suryamaninagar, Tripura, India -799022

June, 2017

**“CALCULATING WATER PH LEVEL BY
SENSORED PH METER”**

Thesis report submitted in partial fulfillment of the requirements for the award

Master of Computer Application

by

PINKI DEBNATH

Reg No: 18119 of 2014-15

Roll No: MCA/F/06/06/2014

Under the Supervision and Guidance of
MR. SUMANTA SAHA
Lecturer, Department of IT



Department of Information Technology

**TRIPURA UNIVERSITY
(A Central University)**

Suryamaninagar, Tripura, India - 799022.

JUNE 2017

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "CALCULATING WATER PH LEVEL BY SENSORED PH METER", by Pinki Debnath, Roll No MCA/F/06/06/2014 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



Mr. Sumanta Saha
(Project Supervisor)

Lecturer

Department of Information Technology
Tripura University



Mr. Jayanta Pal
(Project Coordinator)

Assistant Professor

Department of Information Technology
Tripura University



Mr. Alak Roy
(Coordinator)

Assistant Professor

Department of Information Technology
Tripura University

TRIPURA STATE LEGAL SERVICES AUTHORITY

Project report submitted in partial fulfillment of the requirements for the award

Of the degree of

Master of Computer Application

by

SUBHASISH BHOWMIK

MCA/M/06/12/14

Under the Supervision and Guidance of

Mr. Sumanta Saha

Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

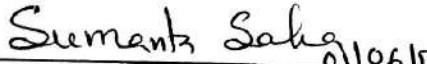
(A Central University)

Suryamaninagar, Tripura, India – 799022

June, 2017


CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "Tripura State Legal Services Authority", by Subhasish Bhowmik, Registration Number 13059 of 2010 to Tripura University, Suryamaninagar, India, is a record of bonafide project Work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.


8/10/17

Sumanta Saha
(Project Supervisor)
Lecturer

Department of Information Technology
Tripura University


8/10/17

Jayanta Pal
(Project Co-ordinator)
Assistant Professor

Department of Information Technology
Tripura University


8/10/17

Alak Roy
(Co-ordinator)
Assistant Professor
Department of Information Technology
Tripura University

Image Classification using CNN on Deep Learning

Project report submitted in partial fulfillment of the requirements

For the examination of the course

Masters of Computer Applications

by

Rimi Rani Paul (MCA/F/06/08/14)

Under the Supervision and Guidance of

Dr. Prodipto Das

Assistant Professor
Department of Computer Science
Assam University, Silchar

Dr. Abhishek Das

Assistant Professor
Department of IT
Tripura University, Agartala



DEPARTMENT OF INFORMATION TECHNOLOGY

TRIPURA UNIVERSITY

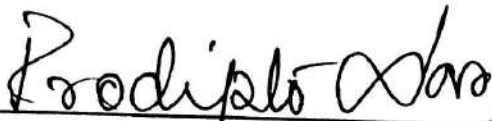
(A Central University)

SURYAMANINAGAR - 799022, TRIPURA

June, 2017

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "Image Classification using CNN on Deep Learning", by Rimi Rani Paul (Reg. no.:14240) of Tripura University, Suryamaninagar, India, is a record of bona fide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



Dr. Prodipto Das

(Project Supervisor)
Assistant Professor
Department of Computer Science
Assam University, Silchar



Dr. Abhishek Das

(Project Co-Supervisor)
Assistant Professor
Department of Information Technology
Tripura University, Agartala



Jayanta Pal

(Project Coordinator)
Assistant Professor
Department of Information Technology
Tripura University, Agartala



Alak Roy
Deptt. of Information Technology
Tripura University.

(Coordinator of the Department)
Assistant Professor
Department of Information Technology
Tripura University, Agartala

“Tutorialstutor” App based on Android

Project report submitted in partial fulfillment of the requirements of

MCA 6th semester of the course

Master of Computer Application

By

Prasenjit Roy (MCA/M/06/01/14)

Debajit Chakraborty (MCA/M/06/05/14)

Under the Supervision and Guidance of

Dr. Abhishek Das

Assistant Professor, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

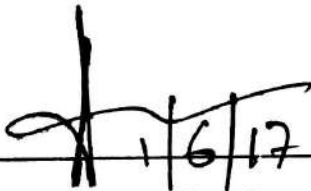
(A Central University)

Suryamaninagar, Tripura, India - 799022.

June, 2017

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "TUTORIALSTUTOR APP BASED ON ANDROID", by *Prasenjit Roy (MCA/M/06/01/14)*, Registration No (07200 of 2011-12) *Debajit Chakraborty (MCA/M/06/05/14)*, Registration No (014335 of 2011-12) Tripura University, Suryamaninagar, India, is a record of bonfire project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



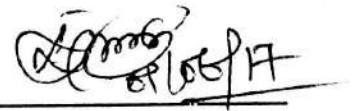
Dr. Abhishek Das

(Supervisor)

Assistant Professor

Department of Information Technology

Tripura University



Shri Jayanta Pal

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University

Deptt. of Information Technology
Tripura University.



Shri Alak Roy

(Coordinator)

Assistant Professor

Department of Information Technology

Tripura University

Audit Management System

Project report submitted in partial fulfillment of the requirements for the award
of the degree of

Master of Computer Application

by

Subhendu Bikash Datta

MCA/M/06/02/14

Dipayan Ghosh

MCA/M/06/09/14

Under the Supervision and Guidance of

Mr. Nilkamal De Purkayastha

Scientist-C, System Analyst

National Informatics Centre, Tripura State Centre, Agartala

&

Dr. Abhishek Das

Assistant Professor

Department of IT, Tripura University



Department of Information Technology

TRIPURA UNIVERSITY


(A Central University)

Suryamaninagar, Tripura, India 799022

June, 2017

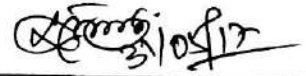
CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "Audit Management System", by Dipayan Ghosh Registration No 10974 of 2011-12 Roll No MCA/M/06/09/14, Subhendu Bikash Datta Registration No. 12944 of 2011-12 Roll No. MCA/M/06/02/14 to Tripura University, Suryamaninagar, Agartala, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



Dr. Abhishek Das
(Project Supervisor)
Assistant Professor

Department of Information Technology
Tripura University



Shri Jayanta Pal
(Project Coordinator)
Assistant Professor

Department of Information Technology
Tripura University



Shri Alak Roy
(Coordinator)

Assistant Professor

Department of Information Technology
Tripura University

Easy Commute System

Project report submitted in partial fulfilment of the requirements for the award
of the degree of

Master of Computer Application

Diptanu Basak, MCA/M/6/08/14

Under the Supervision and Guidance of

Dr. Abhishek Das

Assistant Professor , Department of IT



DEPARTMENT OF INFORMATION TECHNOLOGY

TRIPURA UNIVERSITY

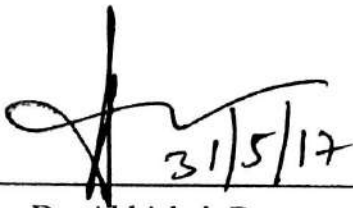
(A Central University)

Suryamaninagar, Tripura, India – 799022

June, 2017

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “**Easy Commute System**”. by Diptanu Basak, Registration Number 12952 of 2011-2012 to Tripura University, Suryamaninagar, India, is a record of bonafide project Work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



31/5/17

Dr. Abhishek Das
(Project Supervisor)
Assistant Professor

Department of Information Technology
Tripura University



31/05/17

Shri Jayanta Pal
(Project Co-ordinator)
Assistant Professor

Department of Information Technology
Tripura University



31/5/17

Dept. of Information Technology
Tripura University.

Shri Alak Roy
(Co-ordinator)

Assistant Professor
Department of Information Technology
Tripura University

School Management System

Project report submitted in partial fulfilment of the requirements for the award
of the degree of

Master of Computer Application

RajuBhowmik

MCA/M/6/10/14

Sujoy Roy Karmakar

MCA/M/6/11/14

Under the Supervision and Guidance of

Mr.Swarup Nandi

Lecturer, Department of IT



DEPARTMENT OF INFORMATION TECHNOLOGY

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India – 799022

June, 2017

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "School Management System", by Raju Bhowmik, Roll Number MCA/M/6/10/14, Sujoy Roy karmakar, Roll Number MCA/M/6/11/14, to Tripura University, Suryamaninagar, India, is a record of standalone project Work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

Swarup Nandi
31/05/17

Swarup Nandi
Project Supervisor
Lecturer

Department of Information Technology
Tripura University

Jayanta Pal
31/05/17

Jayanta Pal
(Project Co-ordinator)
Assistant Professor

Department of Information Technology
Tripura University

Alak Roy
31/5/17

Alak Roy
(Co-ordinator)
Assistant Professor

Department Of Information Technology
Tripura University


Deptt. of Information Technology,
Tripura University.

A New Algorithm for Removal of High Density Salt and Pepper Noise in MRI Images

Thesis report submitted in partial fulfillment of the requirements for the award of the
degree of

Master of Computer Application

By

Anindita Mohanta

MCA/F/06/20/14

Under the Supervision and Guidance of

Mr. Sumanta Saha

Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India – 799022

June, 2017

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "A New Algorithm for Removal of High Density Salt and Pepper Noise in MRI Images", by Anindita Mohanta, (MCA/F/06/20/14) to Tripura University, Suryamaninagar, India, is a record of bona fide project work carried out under my supervision and guidance of Mr. Sumanta Saha, lecturer of IT department and is worthy of consideration for the award of the degree of **Master of Computer Application** of the University.

Sumanta Saha
30/5/17

Mr. Sumanta Saha

(Project Supervisor)

Lecturer

Department of Information Technology

Tripura University

Jayanta Pal
21/06/17

Mr. Jayanta Pal

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University

Alak Roy
01/05/17

Deptt. of Information Technology,
Tripura University.

Mr. Alak Roy

(Coordinator)

Assistant Professor

Department of Information Technology

Tripura University

SRAMASUVIDHA

Project report submitted in partial fulfillment of the requirements for the award of
the degree of

Master of Computer Application

By

ARJAMA CHOWDHURI

MCA/F/06/12/14

GEETASREE PAUL

MCA/F/06/11/14

Under the Supervision and Guidance of

Mr. Bimal Kanti Biswas

Scientist D, NIC, Agartala

and

Mr. Swarup Nandi

Lecturer, Department of IT, TU



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India - 799022

June, 2017

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "SRAMASUVIDHA" by Arjama Chowdhuri, Registration Number 12956 of 2011-12, Roll No. MCA/F/06/12/14 and Geetasree paul, Registration Number 12975 of 2011-12, Roll No. MCA/F/06/11/14 Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.


31/05/17

Mr. Swarup Nandi

(Supervisor)

Lecturer

Department of Information Technology

Tripura University


31/05/17

Mr. Alak Roy

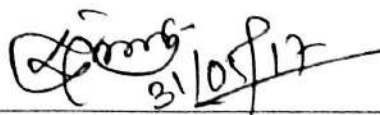
(Coordinator)

Assistant Professor

Department of Information Technology

Tripura University


Deptt. of Information Technology,
Tripura University.


31/05/17

Mr. Jayanta Paul

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University

Accounts Software For AG (Audit) Tripura

Project report submitted in partial fulfilment of the requirements for the award of the
degree of

Master of Computer Application

by

Banashree Deb

MCA/F/6/05/14

Under the Supervision and Guidance of

Mrs. Tandra Sarkar

Guest Teacher, Department of IT, Tripura University



Department of Information Technology

TRIPURA UNIVERSITY

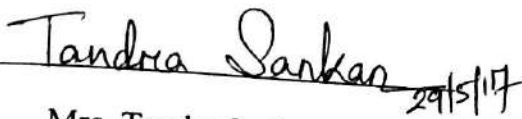
(A Central University)

Suryamaninagar, Tripura, India – 799022

June, 2017

CERTIFICATE OF APPROVAL

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29/5/17

Mrs. Tandra Sarkar

(Project Supervisor)

Guest Teacher

Department of Information Technology

Tripura University


01/06/17

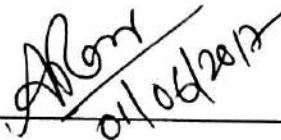
Mr. Jayanta Pal

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University


01/06/2017

Mr. Alak Roy

(Coordinator of the Department)

Assistant Professor

Department of Information Technology

Tripura University

Online Voting System

Project report submitted in partial fulfillment of the requirements for the award

Of the degree of

Master of Computer Application

By

Priya Acharjee

MCA/F/6/14/14

Sanchita Bhattacharjee

MCA/F/6/15/14

Under the Supervision and Guidance of

Mr. Bhaskar Biswas

Guest Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

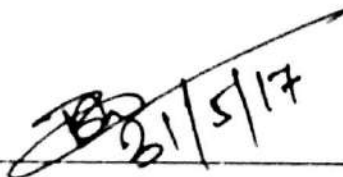
(A Central University)

Suryamaninagar, Tripura, India - 799022

June, 2017

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "Online Voting System", by Priya Acharjee, Registration Number 007051 of 2011-12, Sanchita Bhattacharjee, Registration Number 18114 of 2014-15, to Tripura University, Suryamaninagar, India, is a record of bonafide project Work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



21/5/17

Mr. Bhaskar Biswas
(Project Supervisor)
Guest Lecturer

Department of Information Technology
Tripura University



21/05/17

Mr. Jayanta Pal
(Project Coordinator)
Assistant Professor

Department of Information Technology
Tripura University



21/5/17

Mr. Alak Roy
(Coordinator)

Assistant Professor

Department of Information Technology
Tripura University



Dept. of Information Technology,
Tripura University.

e-Filing Portal System for Tripura University

Project report submitted in partial fulfillment of the requirements for the award
of the degree of

Master of Computer Application

Submitted By

Asha Negi

MCA/F/6/07/14

Under the Supervision and Guidance of

Mr. Alak Roy

Assistant Professor, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India -799022

June, 2017

CERTIFICATE OF APPROVAL

Certified that the work contained the project report entitled “**e-Filing Portal System for Tripura University**”, by Asha Negi, MCA/F/6/07/14 to Tripura University, Suryamaninagar, India, is a record of bona-fide project work carried out under my supervision and guidance and is worthy of consideration for the award of degree of **Master of Computer Application** of the University.


28/05/2019

Mr. Alak Roy
(Project Supervisor)
Assistant Professor
Department of Information Technology
Tripura University

Mr. Jayanta Pal
(Project Coordinator)
Assistant Professor
Department of Information Technology
Tripura University


01/06/2019

Mr. Alak Roy
(Coordinator)
Assistant Professor
Department of Information Technology
Tripura University

ONLINE EXAMINATION SYSTEM

Project report submitted in partial fulfillment of the requirements for the award
of the degree of

Master of Computer Application

by

Simi Dhar (MCA/F/06/01/14)

Taniya Biswas (MCA/F/06/02/14)

Under the Supervision and Guidance of

Mr. Jayanta Pal

Assistant Professor, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

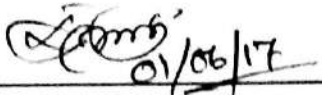
(A Central University)

Suryamaninagar, Tripura, India - 799022

June, 2017

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "Online Examination System", by Simi Dhar MCA/F/06/01/14 and Taniya Biswas MCA/F/06/02/14 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Bachelor/Master of Computer Application of the University.


01/06/17

Mr. Jayanta Pal
(Project Supervisor)
Assistant Professor
Department of Information Technology
Tripura University


01/06/17

Mr. Jayanta Pal
(Project Coordinator)
Assistant Professor
Department of Information Technology
Tripura University


01/06/17

Mr. Alak Roy
(Co-ordinator)
Assistant Professor
Department of Information Technology
Tripura University

Dept. of Information Technology,
Tripura University.

Tripura Forest Department MIS

Project report submitted in partial fulfillment of the requirements

For the examination of the course

Masters of Computer Application

By

Anindita Ganguly (MCA/F/06/09/14)

Debalina Roy (MCA/F/06/10/14)

Under the Supervision and Guidance of

Mr. Supratim Lodh

Scientist D, NIC, Agartala

and

Jayanta Pal

Assistant Professor, Department of IT



DEPARTMENT OF INFORMATION TECHNOLOGY

TRIPURA UNIVERSITY

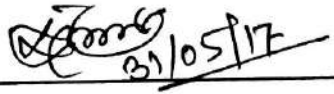
(A Central University)

SURYAMANINAGAR - 799022, TRIPURA

June, 2017

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report titled “**Tripura Forest Department MIS**” by Anindita Ganguly, Registration no. 12977 and Debalina Roy, Registration No. 007053 to Tripura University, Suryamaninagar, India, is a record of bonafied project work carried out under supervision and guidance and is worthy of consideration for the award of the degree of Masters of Computer Application.



31/05/17

Jayanta Pal
(Project Supervisor)
Assistant Professor
Department of Information Technology
Tripura University



31/05/17

Jayanta Pal
(Project Coordinator)
Assistant Professor
Department of Information Technology
Tripura University



01/06/2017

Alak Roy
(Coordinator)
Assistant Professor
Department of Information Technology
Tripura University

Biometric Attendance System Using Fingerprint Device

The project report is submitted in partial fulfilment of the requirements for the award
of the degree of

Master of Computer Application

by

Name: Tania Dhar

MCA/F/06/11/13

Name: Nibedita Choudhury

MCA/F/06/03/13

Name: Kaushik Kumar Dhar

MCA/M/06/14/13

under the Supervision and Guidance of

Jayanta Pal

Assistant Professor , Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India – 799022

June, 2016

CERTIFICATE

This is to certify that the project entitled "BIOMETRIC ATTENDANCE SYSTEM USING FINGERPRINT DEVICE" submitted by Tania Dhar, Registration Number: 17546 of 2013-2014, Nibedita Choudhury, Registration Number: 08006 of 2010-2011 and Kaushik Kr Dhar, Registration Number: 17544 of 2013-2014 is approved for the subject of Master of Computer Application and the project evaluation and viva-voce examination has been held on 21.06.2016

Srardhi
20/06/16

INTERNAL EXAMINER

S.D. Bahman
26/6/16

EXTERNAL EXAMINER

Sterilization System of Hospital

Project report submitted in partial fulfillment of the requirements for the award
of the degree of

Master of Computer Application

by

Kamalika Debnath, MCA/F/6/04/13

Rajesh Bhowmik, MCA/M/6/08/13

Under the Supervision and Guidance of
Jayanta Pal
Assistant Professor, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India – 799022

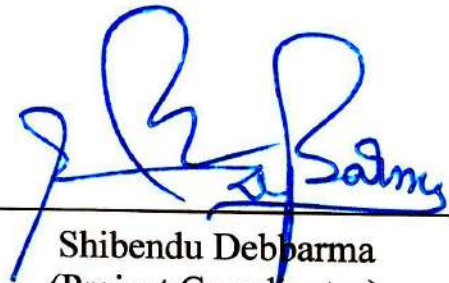
June, 2016

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "Official Website Of Central Sterilization System", by Kamalika Debnath, Registration Number 009393, Rajesh Bhowmik ,Registration Number 012484, to Tripura University, Suryamaninagar, India, is a record of bonafide project Work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



Jayanta Pal
(Project Supervisor)
Assistant Professor
Department of Information Technology
Tripura University



Shibendu Debbarma
(Project Coordinator)
Assistant Professor
Department of Information Technology
Tripura University

11

Shibendu Debbarma
(Head of the Department)
Assistant Professor
Department of Information Technology
Tripura University

Inpumpkin – Website that shows creativity

Project report submitted in partial fulfillment of the requirements for the award
of the degree of

Master of Computer Application

by

Janmajit Deb

MCA/M/6/03/13

Under the Supervision and Guidance of

Jayanta Paul

Assistant Professor, Department of IT



DEPARTMENT OF INFORMATION TECHNOLOGY

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India – 799022

June, 2016

CERTIFICATE

This is to certify that the project entitled "Inpumpkin" Project Report of Information Technology Department submitted by Janmajit Deb, Registration Number 013053 are approved for the award of Degree of Master of Computer Application and the project evaluation and viva-voce examination has been held on date:- 21st June 2016.

Snandi
21/06/16

INTERNAL EXAMINER

[Signature]
3 21/6/16
Dr. S. D. Basma

EXTERNAL EXAMINER

TRIPURA UNIVERSITY STUDENT INFO

Project report submitted in partial fulfillment of the requirements of
MCA 6th semester of the course

Master of Computer Application

by

Pritam Poddar

(MCA/6/M/02/13)

Under the Supervision and Guidance of

Utpal Pal

System Analyst

Tripura University (A Central University)



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India - 799022.

June, 2016

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "Tripura University Student Info", by Pritam Poddar, Registration Number 008013 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

Utpal Pal
18/06/2016

Utpal Pal
Project Supervisor
System Analyst
Tripura University
(A Central University)



Shibendu Debbarma
(Head of the Department)
Assistant Professor
Department of Information Technology
Tripura University
(A Central University)

Online Remote Care of Patients

Project report submitted in partial fulfillment of the requirements for the award
of the degree of

Master of Computer Application

Mousumi Ghosh, MCA/F/06/05/13

Samir Das, MCA/M/06/01/13

Under the Supervision and Guidance of
Shibendu Debbarma

Assistant Professor, Department of Information Technology



DEPARTMENT OF INFORMATION TECHNOLOGY

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India – 799022

June, 2016

CERTIFICATE

This is to certify that the project entitled “**Online Remote Care of Patients**” Project Report of Information Technology Department submitted by Mousumi Ghosh, Registration Number 007965, Samir Das, Registration Number 009928, are approved for the award of Degree of Master of Computer Application and the project evaluation and viva-voce examination has been held on date:- 20th and 21st June 2016.

S. Das
21/06/16

INTERNAL EXAMINER

[Signature]
21/6/16 Dr. S. D. Basma.

EXTERNAL EXAMINER

ONLINE MANAGEMENT INFORMATION SYSTEM

Project report submitted in partial fulfillment of the requirements of
the course

Master of Computer Application

By

Subhrajit Das (MCA/M/6/10/13)

Rakesh Das (MCA/M/6/04/13)

Sangita Chakraborty (MCA/F/6/01/13)

Under the Supervision and Guidance of

Jayanta Pal

Assistant Professor, Department of Information Technology



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India - 799022.

June, 2016

CERTIFICATE

This is to certify that the project entitled “**ONLINE MANAGEMENT INFORMATION SYSTEM**” submitted by Sangita Chakraborty (MCA/F/6/01/13), Subhrajit Das(MCA/M/6/10/13), Rakesh Das(MCA/M/6/04/13) approved for the award of Degree of Master of Computer Application and the project evaluation and viva-voce examination has been held on th June, 2016.

Srordhi
20/06/16

INTERNAL EXAMINER(S)

Dr. S. D. Borah

EXTERNAL EXAMINER

Virtual Classroom

Project report submitted in partial fulfillment of the requirements for the award
of the degree of

Master of Computer Application

by

Deepak Dev, MCA/M/6/13/13

Joydeb Rudra Paul, MCA/M/6/17/13

Tamojit sen, MCA/M/6/05/13

Under the Supervision and Guidance of
Mr. Suman Das
System Analyst, Tripura University



DEPARTMENT OF INFORMATION TECHNOLOGY

TRIPURA UNIVERSITY

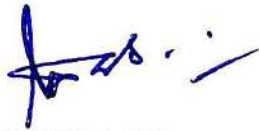
(A Central University)

Suryamaninagar, Tripura, India – 799022

June, 2016

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "*VIRTUAL CLASSROOM*", by Deepak Dev, Registration Number 17548 of 2013-2014, Joydeb Rudra Paul, Registration number 013061 of 2010-2011, Tamojit Sen, Registration number 013052 of 2010-2011, to Tripura University, Suryamaninagar, India, is a record of bonafide project Work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

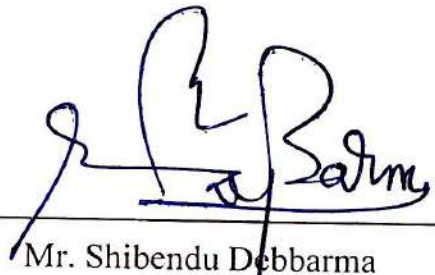


Mr. Suman Das

(Project Supervisor)

System Analyst

Tripura University



Mr. Shibendu Debbarma

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University

Mr. Shibendu Debbarma

(Head of the Department)

Assistant Professor

Department of Information Technology

Tripura University

Smart Phone Based IoT Application Development

Project report submitted in partial fulfillment of the requirements for the award
of the degree of

Master of Computer Application

Submitted By

Titan Deb

MCA/M/06/12/13

Under the Supervision and Guidance of

Shibendu Debbarma

Assistant Professor, Department of Information Technology



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India -799022

June, 2016

CERTIFICATE

This is to certify that the project entitled “Smart Phone Based IoT Application Development” of Information Technology Department submitted by Titan Deb, Registration No. 13051 of the year 2010-2011 is approved for the award of Degree of Master of Computer Application and the project evaluation and vice-voice examination has been held on 20th to 21st June 2016.


Swarni
20/06/16

INTERNAL EXAMINER


Dr. S. D. Balar
20/6/16

EXTERNAL EXAMINER

Online Immunization System

Project report submitted in partial fulfilment of the requirements for the award
of the degree of

Master of Computer Application

by

Antara Roy (MCA/F/6/10/13)

Sinku Debnath (MCA/M/6/11/13)

Under the Supervision and Guidance of

Shibendu Debbarma

Assistant Professor, Department of Information Technology



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India - 799022.

June, 2016

CEARTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "**Online Immunization System**" by [^]Antara Roy Registration Number **013045**, [^]Sinku Debnath Registration Number **007999** to Tripura University, Suryamaninagar, India, is a record of bonfire project work carried out under ^{the} ~~my~~ supervision and ~~guidance~~ and is worthy ^{for} of consideration ⁱⁿ for ~~the~~ award ^{ing} of the degree of Master of Computer Application of the University.

[^] Shibendu Debbarma
(Project Supervisor & Head of the Department)
Assistant Professor
Department of Information Technology
Tripura University

[^] *prefix missing*



Government of India
Ministry of Communications & Information Technology
Department of Electronics & Information Technology
National Informatics Centre
Tripura

This is to certify that **Mr. SINKU DEBNATH**, Son of **Sri. DULAL DEBNATH**, MCA Final Semester student of Tripura University has undergone project work in National Informatics Centre, Tripura. The project titled **Immunitization system** was completed within the period of 30 Jan 2016 to 15 Jun 2016. The technology adapted was Java.

Training Coordinator/Guide

Dated: 15/06/2016.....

State Informatics Officer

STATE INFORMATICS OFFICER
National Informatics Centre
Dept. of Information Technology
Govt. of India, Agartala

CERTIFICATE

This is to certify that the project entitled "**Online Immunization System**" submitted by Antara Roy Registration Number 013045, Sinku Debnath Registration Number 007999 is approved for the award of Degree of Master of Computer Application and the project evaluation and viva-voce examination has been held on June, 2016.

Srardh
20/06/16

INTERNAL EXAMINER

[Signature]
3 21/6/16
Dr. S. D. Banna

EXTERNAL EXAMINER

IPv4 Internet Traffic Characterization

Project report submitted in partial fulfillment of the requirements for the award
of the degree of

Master of Computer Application

By

Rinti Dey (MCA/F/6/07/13)

Sunandita Nandi (MCA/F/6/02/13)

Aireena Debbarma (MCA/F/6/08/13)

Under the Supervision (Guidance of) ✱

Shibendu Debbarma

Assistant Professor, Department of Information Technology



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India - 799022

June, 2016

CERTIFICATE OF APPROVAL

Certified that the work contained in the project entitled “IPv4 Internet Traffic Characterization”, by Rinti Dey, Registration Number: 13044 of 2010-2011, Sunandita Nandi, Registration Number: 13050 of 2010-2011, Aireena Debbarma, Registration Number: 0106 of 2010-2011 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision (and guidance) and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

A handwritten signature in blue ink, appearing to read 'Shibendu Debbarma', is written over a horizontal line.

Shibendu Debbarma

(Supervisor, Project Coordinator)

and

(Head of the Department)

Assistant Professor

Department of Information Technology

Tripura University

CERTIFICATE

This is to certify that the project entitled "IPv4 Internet Traffic Characterization", submitted by Rinti Dey, Registration Number: 13044 of 2010-2011, Sunandita Nandi, Registration Number: 13050 of 2010-2011, Aireena Debbarma, Registration Number: 0106 of 2010-2011 is approved for Master of Computer Application and the project evaluation and viva-voce examination has been held on 20th or 21th June , 2016.

Snandi
20/06/16

INTERNAL EXAMINER

20/6/16
Dr. S. B. Babu

EXTERNAL EXAMINER

Online Recruitment System

Project report submitted in partial fulfillment of the requirements for the award
of the degree of

Master of Computer Application

By

Madhabi Naha (MCA/F/6/19/12)

Under the Supervision and Guidance of

Mr. Sumanta Saha

Lecturer

Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar - 799022, India

May, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "Online Recruitment System", by Madhabi Naha, Registration Number 012158 of 2009-2010 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

Sumanta Saha
28/05/2015

Mr. Sumanta Saha
(Project Supervisor)
Lecturer

Department of Information Technology
Tripura University

Alak Roy
29/05/2015

Mr. Alak Roy
(Project Coordinator)
Assistant Professor

Department of Information Technology
Tripura University

Shibendu Debarma
29/5/15

Mr. Shibendu Debarma
(Head-In-Charge)
Assistant Professor & In- Charge
Department of Information Technology
Tripura University

Online Student Management System

Project report submitted in partial fulfillment of the requirements for MCA 6th
semester project (MCA-631)

Master of Computer Application

By

Mrinmoy Chakraborty(MCA/6/M/17/12)

SouravMajumdar(MCA/6/M/11/12)

Under the Supervision and Guidance of

Mr. Sakti Debbarma

System Analyst, TU

&

Mr. Sumanta Saha

Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

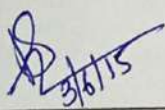
(A Central University)

Suryamaninagar, Tripura, India - 799022

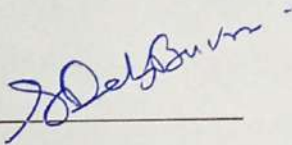
May, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "Online Student Management System", by Mrinmoy Chakraborty (MCA/6/M/17/12) Registration Number 012137 of 2009-2010 and Sourav Majumdar (MCA/6/M/11/12) Registration Number 013334 of 2010-2011 to Tripura University, Suryamaninagar, Tripura, is a record of bonafide project work carried out under our supervision and guidance and is worthy of consideration for the award of the degree of the MCA 6th semester Project & Viva voce(MCA-631) of the University.



3/6/15

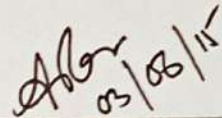


Mr. Sakti Debbarma
(Project supervisor)

&

Mr. Sumanta Saha
(project guide)
Lecturer

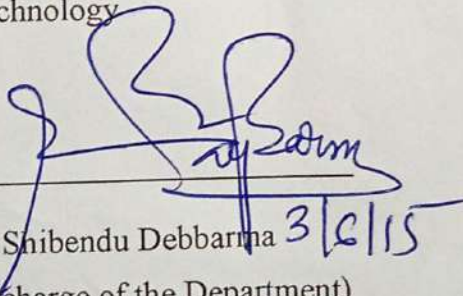
Department of Information Technology
Tripura University



03/06/15

Mr. Alak Roy
(Project Coordinator)
Assistant Professor

Department of Information Technology
Tripura University



3/6/15

Mr. Shibendu Debbarma

(Head-in-charge of the Department)

Assistant Professor
Department of Information Technology
Tripura University

Analysis of different types of security issues in Internet Protocol version 6 (IPv6) network

Thesis submitted in partial fulfillment of the requirements for the award
of the degree of

Master of Computer Application

by

Pijush Debnath (MCA/6/M/31/12)

Under the Supervision and Guidance of
Mr. Shibendu Debbarma
Assistant Professor, Department of IT

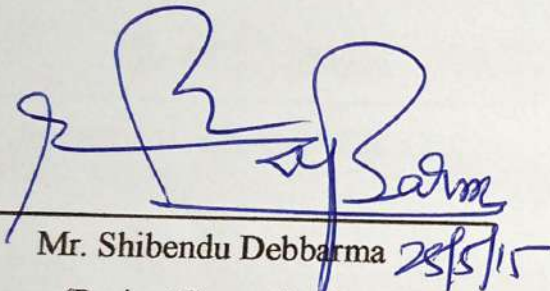


Department of Information Technology
TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar - 799022, India

June, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "*Analysis of different types of security issues in Internet Protocol Version 6 (IPv6) network*", by Pijush Debnath, Registration Number 007783 of 2008-2009 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



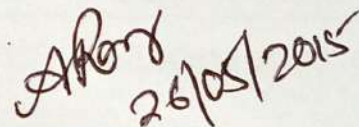
Mr. Shibendu Debbarma

(Project Supervisor)

Assistant Professor

Department of Information Technology

Tripura University



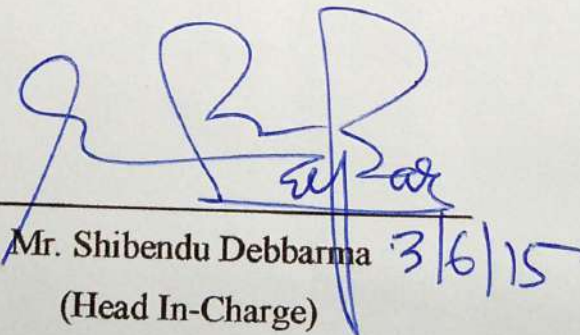
Mr. Alak Roy

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University



Mr. Shibendu Debbarma

(Head In-Charge)

Assistant Professor

Department of Information Technology

Tripura University

CRIME MANAGEMENT SYSTEM

Project report submitted in partial fulfillment of the requirements for the award of the
degree of

Master of Computer Application

By

Manna Chakraborty (MCA/M/06/12)

Kripankar Majumder (MCA/M/34/12)

Under the Supervision and Guidance of

Sandip Roy

Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India - 799022

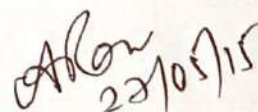
june, 2015

CERTIFICATE OF APPROVAL

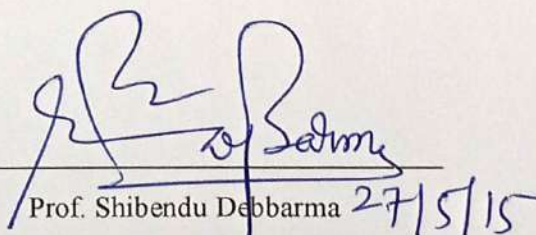
Certified that the work contained in the project report entitled "Crime Management System", by Manna Chakraborty (MCA/M/06/12), Kripankar Majumder (MCA/M/34/12) to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



Sandip Roy
(Project Supervisor)
Lecturer
Department of Information Technology
Tripura University



Mr. Alak Roy
(Project Coordinator)
Assistant Professor
Department of Information Technology
Tripura University



Prof. Shibendu Debbarma 27/5/15
(Head In-charge)
Assistant Professor
Department of Information Technology
Tripura University

E-Learning System

Project report submitted in partial fulfillment of the requirements for the award of the degree of

Master of Computer Application

by

Dipankar Bhattacharjee (MCA/06/M/29/12)

Sanghita Sinha(MCA/06/F/22/12)

Under the Supervision and Guidance of

Mr. Utpal Paul

Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar - 799022,

Tripura, India

June, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "**E-Learning Management System**", by Dipankar Bhattacharjee, Registration Number 14885 of 2012-2013 and Sanghita Sinha, Registration Number 005155 of 2009-2010 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

Utpal Pal
26/5/2015

Utpal Pal

(Project Supervisor)

(Lecturer)

Department of Information Technology

Tripura University

Alak Roy
26/05/2015

Mr. Alak Roy

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University

Shibendu Debbarma
27/5/15

Mr. Shibendu Debbarma

(Head In-Charge)

Assistant Professor

Department of Information Technology

Tripura University

Software to Implement Steganography and Digital Watermarking

Thesis/Project report submitted in partial fulfillment of the requirements for the award of
the degree of

Master of Computer Application

by

Priyanka Barman
Mousumi Majumder
Mousumi Gope

MCA/6/F/02/12

MCA/6/F/27/12

MCA/6/F/30/12

Under the Supervision and Guidance of

Abhishek Das

Assistant Professor, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India - 799022

June, 2015

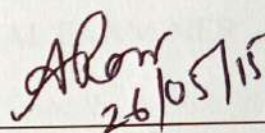
CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "*Software to implement Steganography and Digital Watermarking*", by Priyanka Barman, Mousumi Majumder, Mousumi Gope, Registration Number 012482 of 2009-2010, 012127 of 2009-2010, 012155 of 2009-2010 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under our supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



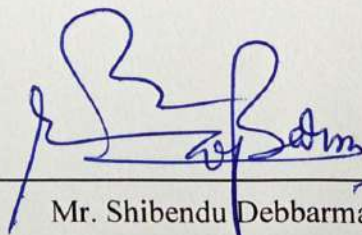
Shri Abhishek Das
(Project Supervisor)
Assistant Professor

Department of Information Technology
Tripura University



Mr. Alak Roy
(Project Coordinator)
Assistant Professor

Department of Information Technology
Tripura University



Mr. Shibendu Debbarma
(Head In-charge)
Assistant Professor

Department of Information Technology
Tripura University

Image processing techniques to develop an image editor

Project report submitted in partial fulfillment of the requirements for the award of the
degree of

Master of Computer Application

By

Susmita Banik (MCA/F/6/28/12)
Arjun Ch. Das (MCA/M/6/27/12)
Samarpita Saha (MCA/F/6/16/12)

Under the Supervision and Guidance of

Abhishek Das

Assistant Professor, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

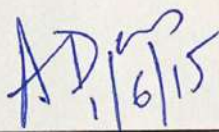
(A Central University)

Suryamaninagar - 799022, India

May, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “**Image Processing Techniques to Develop An Image Editor**”, by Susmita Banik (MCA/F/6/28/12), Samarpita Saha (MCA/F/6/16/12), Arjun Ch. Das (MCA/M/6/27/12) to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



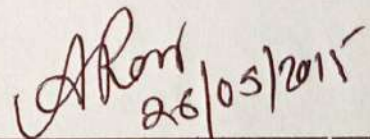
Abhishek Das

(Project Supervisor)

Assistant Professor

Department of Information Technology

Tripura University



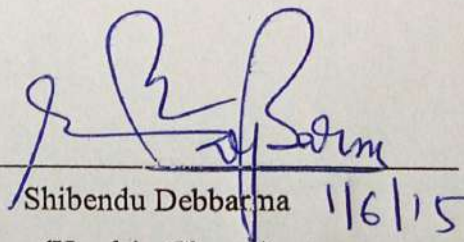
Mr. Alak Roy

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University



Shibendu Debarma

(Head-in-Charge)

Assistant Professor

Department of Information Technology

Tripura University

e-Wall Magazine for Tripura university

Project report submitted in partial fulfillment of the requirements for the award of the degree of

Master of Computer Application

by

Bithika Chanda Bhowmik (MCA/F/08/12)

Under the Supervision and Guidance of

Mr. Alak Roy

Assistant Professor, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar - 799022, India

May, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “e-Wall Magazine for Tripura University”, by Bithika Chanda Bhowmik, Registration Number 007912 of 2008-2009 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

Alak Roy
25/05/2015

Mr. Alak Roy

(Project Supervisor and Coordinator)

Assistant Professor

Department of Information Technology

Tripura University

Shibendu Debbarma
29/5/15

Mr. Shibendu Debbarma

(Head In-Charge)

Assistant Professor & In- Charge

Department of Information Technology

Tripura University

A PARAMETRIC APPROACH ON IMAGES USING ICA/PCA ALGORITHM.

Thesis report submitted in partial fulfillment of the requirements for the award of the
degree of

Master of Computer Application

by

Sutapa Saha (MCA/F/6/20/12)
Neelam Debnath (MCA/F/6/21/12)

Under the Supervision and Guidance of
Mr. Sumanta Saha
Lecturer, Department of IT



Department of Information Technology
TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar - 799022, India

29th May, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “A Parametric approach on images using ICA/PCA Algorithm”, by Sutapa Saha, Registration Number 012129 of 2009-2010 and Neelam Debnath, Registration Number 001389 of 2008-2009 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

Sumanta Saha
25/05/2015

Mr. Sumanta Saha
(Project Supervisor)
Lecturer

Department of Information Technology
Tripura University

Alak Roy
26/05/15

Mr. Alak Roy
(Project Coordinator)
Assistant Professor

Department of Information Technology
Tripura University

Shibendu Debbarma
27/5/15

Mr. Shibendu Debbarma
(Head-In-charge)

Assistant Professor

Department of Information Technology
Tripura University

TRUST BAZAR
(Online store for used goods)

Project report submitted in partial fulfillment of the requirements for the
award of the degree of

Master of Computer Application

by
Subhrajit Roy (MCA/M/26/12)

Under the Supervision and Guidance of
Mr.Sandip Roy
Lecturer, Department of IT

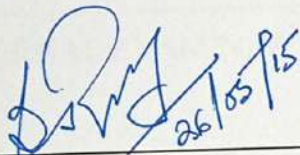


Department of Information Technology
TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar - 799022, India

May, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “Trust Bazar(Online store for used goods)”, by Subhrajit Roy, Registration Number 14893 of 2012-2013 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



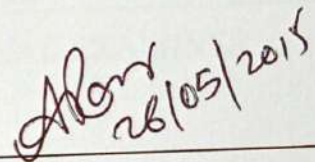
Mr. Sandip Roy

(Project Supervisor)

Lecturer

Department of Information Technology

Tripura University



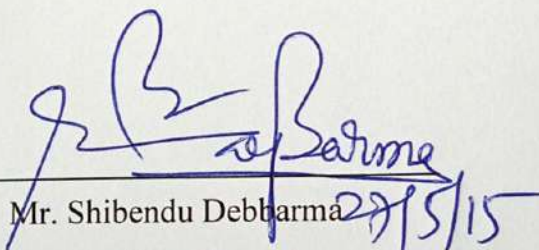
Mr. Alak Roy

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University



Mr. Shibendu Debbarma

(Head In-Charge)

Assistant Professor & In- Charge

Department of Information Technology

Tripura University

e-Portal for Distance Education, Tripura University

Project report submitted in partial fulfillment of the requirements for the
award of the degree of

Master of Computer Application

by

Jayshree Nag (MCA/F/6/03/12)
Anamika Karmakar (MCA/F/6/18/12)

Under the Supervision and Guidance of

Bappa Datta
Lecturer, Department of IT



Department of Information Technology
TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar - 799022, India

May, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “e-Portal for Distance Education, Tripura University”, by Jayshree Nag (Reg no. : 012152 of 2009-2010), Anamika Karmakar (Reg no.: 012159 of 2009-2010) to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

Bappa Datta 25.05.15

Mr. Bappa Datta
(Project Supervisor)
Lecture
Department of Information Technology
Tripura University

*Alak Roy
29/05/2015*

Mr. Alak Roy
(Project Coordinator)
Assistant Professor
Department of Information Technology
Tripura University

Shibendu Debbarna 29/5/15

Mr. Shibendu Debbarna
Assistant Professor & Head-In- Charge
Department of Information Technology
Tripura University

Multipurpose E-Advertise System

Project report submitted in partial fulfillment of the requirements for the award of
the degree of

Master of Computer Application

By

Megdhan Paul(MCA/6/M/08/12)

Sougat Nath(MCA/6/M/13/12)

Under the Supervision and Guidance of

Mr. Suman Das

Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar-799022, India

May, 2015

Student Administration System

Project report submitted in partial fulfillment of the requirements for the
award of the degree of

Master of Computer Application

by

Anupama Dey (MCA/6/F/07/12)

Tina Saha (MCA/6/F/25/12)

Under the Supervision and Guidance of

Mr. Swarup Nandi

Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar - 799022, India

June, 2015

CERTIFICATE OF APPROVAL

CERTIFICATE

Certified that the work contained in the project report entitled "Student administration system", by Anupama Dey (MCA/6/F/07/12), Tina Saha (MCA/6/F/25/12) to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

S. Nandi
25/05/2015

Mr. Swarup Nandi
(Project Supervisor)
Lecturer

Department of Information Technology
Tripura University

Alak Roy
26/05/15

Mr. Alak Roy
(Project Coordinator)
Assistant Professor

Department of Information Technology
Tripura University

Shibendu Deobarma
27/5/15

Mr. Shibendu Deobarma
(Head In-Charge)
Assistant Professor

Department of Information Technology
Tripura University

e-Pariksha: Online Examination System

Project report submitted in partial fulfillment of the requirements for the award of the
degree of

Master of Computer Application

by

Suman Das (MCA/M/6/05/12)

Biswajit Deb (MCA/M/6/07/12)

Under the Supervision and Guidance of

Mr. Alak Roy

Assistant Professor, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar - 799022, India

May, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “**e-Pariksha: Online Examination System**”, by Suman Das, Registration Number 007911 of 2008-2009 and Biswajit Deb, Registration Number 15972 of 2012-13 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

Alak Roy 25/05/2015

Mr. Alak Roy

(Project Supervisor and Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University

Shibendu Debbarma 27/5/15

Mr. Shibendu Debbarma

(Head In- Charge)

Assistant Professor

Department of Information Technology

Tripura University

Comparative assessment of different filtering techniques used in Image Processing

Thesis submitted in partial fulfillment of the requirements for the award
of the degree of

Master of Computer Application

by

Jayeeta Biswas (MCA/6/F/09/12)

Under the Supervision and Guidance of
Mr. Sumanta Saha
Lecturer, Department of IT



Department of Information Technology
TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar - 799022, India

May, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "*Comparative assessment of different filtering techniques used in Image Processing*", by Jayeeta Biswas, Registration Number 001373 of 2008-2009 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

Sumanta Saha
25/05/2015

Mr. Sumanta Saha
(Project Supervisor)
Lecturer

Department of Information Technology
Tripura University

Alak Roy
26/05/15

Mr. Alak Roy
(Project Coordinator)
Assistant Professor

Department of Information Technology
Tripura University

Shibendu Debbarma
27/5/15

Mr. Shibendu Debbarma
(Head In-charge)
Assistant Professor

Department of Information Technology
Tripura University

E-Portal, PWD, Govt. of Tripura

Project report submitted in partial fulfillment of the requirements for the
award of the degree of

Master of Computer Application

by

Koushik Haldar (MCA/6/M/32/12)
Shibankar Bhowmik (MCA/6/M/24/12)
Bipasha Bhattacharjee (MCA/6/F/14/12)

Under the Supervision and Guidance of
Mr. Shibendu Debbarma
Assistant Professor, Department of IT

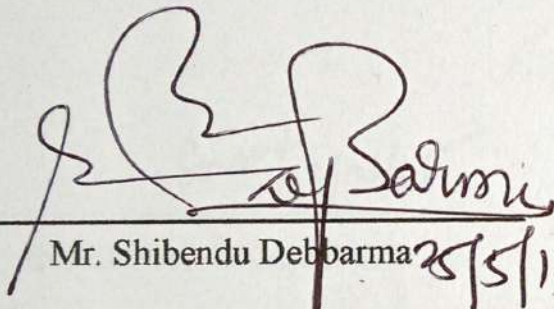


Department of Information Technology
TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar - 799022, India

June, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "*E-Portal, PWD, Govt. of Tripura*", by Shibankar Bhowmik, Registration Number 001357 of 2008-2009; Koushik Haldar, Registration Number 012149 of 2009-2010 and Bipasha Bhattacharjee, Registration Number 012151 of 2009-2010 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



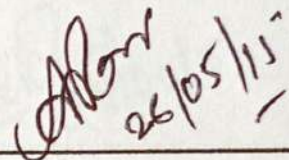
Mr. Shibendu Debbarma 25/5/15

(Project Supervisor)

Assistant Professor

Department of Information Technology

Tripura University



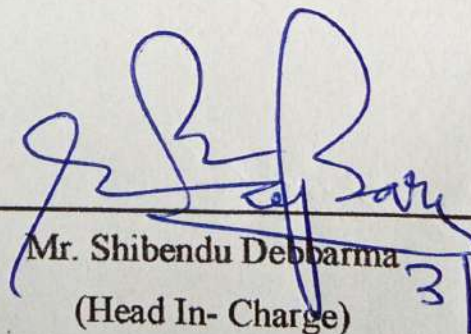
Mr. Alak Roy

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University



Mr. Shibendu Debbarma 3/6/15

(Head In- Charge)

Assistant Professor

Department of Information Technology

Tripura University

Image Surveillance and Motion Detection with Security Management

Project report submitted in partial fulfillment of the requirements for the
award of the degree of

Master of Computer Application

By

Sanchita Gon Chaudhuri (MCA/F/11/12)
Manonita Dhar (MCA/F/10/12)

Under the Supervision and Guidance of
Shri Abhishek Das
Assistant Professor, Department of IT



Department of Information Technology
TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar - 799022, India

June, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "~~Image surveillance and~~
~~motion detection with security management~~" [?]

Registration Number 012144 of 2009-2010, Manonita Dhar, Registration Number 012138 of 2009-2010, Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

AD 1/6/15

Shri Abhishek Das
(Project Supervisor)
Assistant Professor

Department of Information Technology
Tripura University

Alak Roy
03/02/15

Mr. Alak Roy
(Project Coordinator)
Assistant Professor

Department of Information Technology
Tripura University

Shri Shibendu Debbarma
(Head In-Charge) 1/6/15

Assistant Professor
Department of Information Technology
Tripura University

E-Municipal System

Project report submitted in partial fulfillment of the requirements for the award of the
degree of

Master of Computer Application

By

Tanmoy Munshi (MCA/6/M/04/12)

Suraj Kr Roy (MCA/6/M/33/12)

Under the Supervision and Guidance of

Mr. Suman Das

Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

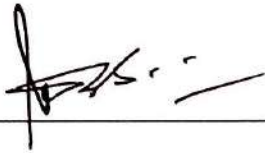
(A Central University)

Suryamaninagar, Tripura, India - 799022

June, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "E-Municipal System", by Tanmoy Munshi (MCA/6/M/04/12), Suraj Kr Roy (MCA/6/M/33/12) to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.




Mr. Suman Das
(Project Supervisor)
Lecturer

Department of Information Technology
Tripura University



Mr. Alak Roy
(Project Coordinator)
Assistant Professor

Department of Information Technology
Tripura University



Mr. Shibendu Debbarma
(Head In- Charge)
Assistant Professor

Department of Information Technology
Tripura University

Web Portal: Department of Information Technology, Tripura University

Project report submitted in partial fulfillment of the requirements for the
examination of the degree of

Master of Computer Application

By

Mousumi Chanda (MCA/VI/F/01/12)

Satabdi Roy (MCA/VI/F/05/12)

Shanta Bhowmik (MCA/VI/F/29/12)

Under the Supervision and Guidance of
Mr. Shibendu Debbarma
Assistant Professor, Department of IT

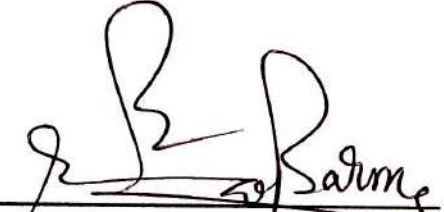


Department of Information Technology
TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar - 799022, India

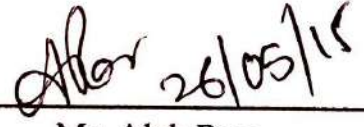
June, 2015

CERTIFICATE OF APPROVAL


Certified that the work contained in the project report entitled "**Web Portal: Department of Information Technology**", by Mousumi Chanda (MCA/VI/F/01/12), Registration Number 012130 of 2009-2010, Satabdi Roy (MCA/VI/F/05/12), Registration Number 012150 of 2009-2010, Shanta Bhowmik (MCA/VI/F/29/12), Registration Number 012142 of 2009-2010 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



Mr. Shibendu Debbarma 28/5/15
(Project Supervisor)
Assistant Professor
Department of Information Technology
Tripura University



Mr. Alak Roy
(Project Coordinator)
Assistant Professor
Department of Information Technology
Tripura University



Mr. Shibendu Debbarma 3/6/15
Head In-Charge
Assistant Professor
Department of Information Technology
Tripura University

Office Cybernation System

Project report submitted in partial fulfillment of the requirements for the
award of the degree of

Master of Computer Application

Submitted By

Mousumi Datta (MCA/6/F/15/12)

Soma Barman (MCA/6/F/17/12)

Under the Supervision and Guidance of

Mr. Amal Shyam

(ChiefManager,Programming), ONGC, Tripura Asset
and

Shri. Shibendu Debbarma & Shri Abhishek Das

Assistant Professor, Department of Information Technology



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar - 799022, India

June, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “*Office Cybernation System*”, by Mousumi Datta, Registration Number 012143 of 2009-2010 and Soma Barman, Registration Number 012146 of 2009-2010 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



Mr. Amal Shyam
(Project Supervisor-Ext)
Chief Manager(Prog)

Oil and Natural Gas Corporation Limited
Tripura Asset

मुख्य प्रबंधक (प्रोग्रामिंग) / Chief Mgr. (Prog.)
अग्र आधार / Forward Base,
असम एवं असम अराक्त प्रोपी / A & AAB,
ओएनजीसी, अगरतला / ONGC, Agartala.



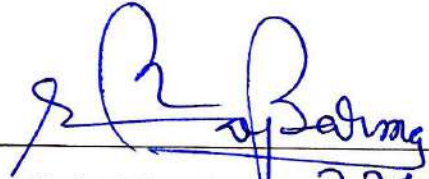
Shri Abhishek Das

(Project Supervisor-Int)

Assistant Professor

Department of Information Technology

Tripura University



Shri. Shibendu Debbarma

(Project Supervisor-Int)

Assistant Professor

Department of Information Technology

Tripura University



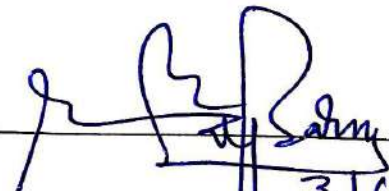
Mr. Alak Roy

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University



Shri. Shibendu Debbarma

(Head of the Department)

Assistant Professor & In- Charge

Department of Information Technology

Tripura University

Online Courier Management System

Project report submitted in partial fulfillment of the requirements for the
award of the degree of

Master of Computer Application

by

Suraj Barua (MCA/6/M/02/12)

Under the Supervision and Guidance of

Mr. Sandip Roy

Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar - 799022, India

June, 2015

Online Courier Management System

Project report submitted in partial fulfillment of the requirements for the
award of the degree of

Master of Computer Application

by

Suraj Barua (MCA/6/M/02/12)

Under the Supervision and Guidance of

Mr. Sandip Roy

Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar - 799022, India

June, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “**Online Courier Management System**”, by Suraj Barua, Registration Number 000563 of 2007-2008; to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

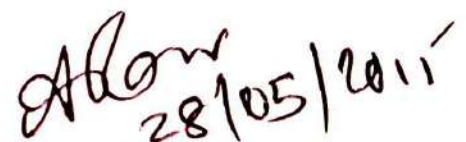


Mr. Sandip Roy

(Project Supervisor)

Lecturer

Department of Information Technology
Tripura University

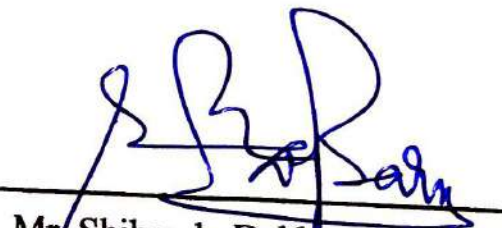


Mr. Alak Roy

(Project Coordinator)

Assistant Professor

Department of Information Technology
Tripura University



Mr. Shibendu Debbarma

(Head In- Charge)

Assistant Professor

Department of Information Technology
Tripura University

JULFI: Next Generation Social Discussion Site

Project report submitted in partial fulfillment of the requirements for the
award of the degree of

Master of Computer Application

by

Sandip Debnath (MCA/M/6/14/12)
Suprit Rudra Paul (MCA/M/6/01/12)
Prasenjit Majumder (MCA/M/6/12/12)
Rana Singha (MCA/M/6/03/12)

Under the Supervision and Guidance of
Mr. Shibendu Debbarma & Mr. Alak Roy
Assistant Professor, Department of IT



Department of Information Technology
TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar - 799022, India

May, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "*JULFI: Next Generation Social Discussion Site*", by Sandip Debnath, Registration Number 00063 of 2007-2008; Suprit Rudra Paul, Registration Number 012485 of 2009-2010, Prasenjit Majumder, Registration Number 012124 of 2009-2010 and Rana Singha, Registration Number 012123 of 2009-2010 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under our supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



Mr. Shibendu Debbarma 28/5/15

(Project Supervisor)

Assistant Professor

Department of Information Technology

Tripura University


25/05/2015

Mr. Alak Roy

(Project Supervisor)

Assistant Professor

Department of Information Technology

Tripura University


27/05/2015

Mr. Alak Roy

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University


29/5/15

Mr. Shibendu Debbarma

(Head of the Department)

Assistant Professor & In-Charge

Department of Information Technology

Tripura University

TU Tender Management System

Project report submitted in partial fulfillment of the requirements for the award of the
degree of

Master of Computer Application

by

Apu Nath Chowdhury (MCA/06/M/09/12)

Swarup Debnath (MCA/06/M/22/12)

Under the Supervision and Guidance of

Mr. Utpal Pal

Lecturer, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar - 799022, Tripura, India

June, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "*TU Tender Management System*", by Apu Nath Chowdhury, Registration Number 006692 of 2009-2010 and Swarup Debnath, Registration Number 005153 of 2009-2010 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance is worthy of consideration for the award of the degree of Master of Computer Application of the University.

Utpal Pal
26/5/2015

Mr. Utpal Pal
(Project Supervisor)
Lecturer

Department of Information Technology
Tripura University

Alak Roy
26/05/15

Mr. Alak Roy
(Project Coordinator)
Assistant Professor

Department of Information Technology
Tripura University

Shibendu Debbarma
27/5/15

Mr. Shibendu Debbarma
(Head In-Charge)

Assistant Professor
Department of Information Technology
Tripura University

Online Professional Search

Project report submitted in partial fulfillment of the requirements of
MCA 6th semester of the course

Master of Computer Application

By

Bhabatosh Das (MCA/6/M/16/12)

Satyabrata Debnath (MCA/6/M/10/12)

Under the Supervision and Guidance of

Shri. Abhishek Das

Assistant Professor, Department of IT



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India - 799022.

June, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "ONLINE PROFESSIONAL SEARCH", by *Bhabatosh Das (MCA/6/M/16/12)*, Registration No (012135 of 2009-10) and *Satyabrata Debnath (MCA/6/M/10/12)*, Registration No (012136 of 2009-10) Tripura University, Suryamaninagar, India, is a record of bonfire project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.



Abhishek Das

(Project Supervisor)

Assistant Professor

Department of Information Technology

Tripura University



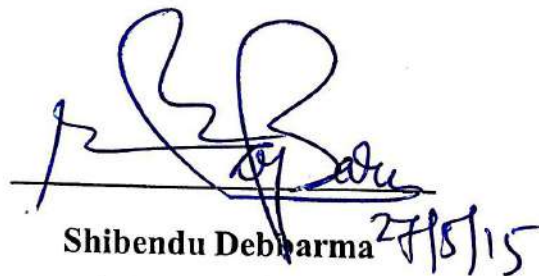
Alak Roy

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University



Shibendu Debnath

(Head-In-Charge)

Assistant Professor

Department of Information Technology

Tripura University

Realization of the Network as-a-service cloud computing paradigm or Software- Defined Environments (SDE)

Thesis report submitted in partial fulfillment of the requirements for the
award of the degree of

Master of Computer Application

by

Jayanta Saha (MCA/M/6/18/12)

Under the Supervision and Guidance of

Mr. Shibendu Debarma

Assistant Professor

Department of Information Technology



Department of Information Technology

TRIPURA UNIVERSITY


(A Central University)

Suryamaninagar - 799022, India

June, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled "*Realization of the Network as-a-service cloud computing paradigm or Software-Defined Environments (SDE)*", by Jayanta Saha, Registration Number 05160 of 2009-2010 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

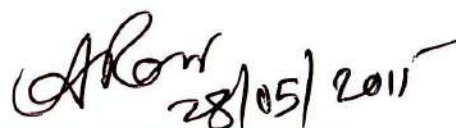


Mr. Shibendu Debbarma
(Project Supervisor)

Assistant Professor

Department of Information Technology

Tripura University




Mr. Alak Roy

(Project Coordinator)

Assistant Professor

Department of Information Technology

Tripura University



Mr. Shibendu Debbarma
(Head In- Charge)

Assistant Professor

Department of Information Technology

Tripura University

e-Swajal

Project report submitted in partial fulfilment of the requirements for
the award of the degree of

Master of Computer Application

by

Nilanjan Chakraborty(MCA/M/6/30/12)

Under the Supervision and Guidance of

Mr.Sushanta Kumar Debnath.

Scientific Officer-SB & DIO,
National Informatics Centre (NIC), Khowai.

Mr.Suman Das

Lecturer

Department of Information Technology
Tripura University



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Tripura, India - 799022

June, 2015.

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “*e-Swajal*”, by Nilanjan Chakraborty, Registration Number 14886 of 2012-13 and Roll No MCA/M/6/30/12 to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

Sushanta K. Debnath

Mr. Sushanta Kumar Debnath.
(Project Supervisor)
Scientific Officer-SB & DIO
National Informatics Centre (NIC)
Khowai.

Suman Das

Mr. Suman Das.
(Project Supervisor)
Lecturer
Department of Information Technology
Tripura University

Alak Roy
29/05/2015

Mr. Alak Roy
(Project Coordinator)
Assistant Professor
Department of Information Technology
Tripura University

Sri. Shibendu Debbarma
16/15

Sri. Shibendu Debbarma
Head of the Department (In-Charge)
Assistant Professor
Department of Information Technology
Tripura University

Online Admission System

Project report submitted in partial fulfillment of the requirements for the
award of the degree of

Master of Computer Application

by

Mithun Roy (MCA/6/M/19/12)

Sanjib Shee Choudhury (MCA/6/M/25/12)

Under the Supervision and Guidance of

Mr. Swarup Nandi

Lecturer, Department of IT

&

Mr. Sakti DebBarma

Sr. System Analyst

Tripura University



Department of Information Technology

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar - 799022, India

June, 2015

CERTIFICATE OF APPROVAL

Certified that the work contained in the project report entitled “**Online Admission System**”, by Mithun Roy(MCA/6/M/19/12), Sanjib Shee Choudhury (MCA/6/M/25/12) to Tripura University, Suryamaninagar, India, is a record of bonafide project work carried out under my supervision and guidance and is worthy of consideration for the award of the degree of Master of Computer Application of the University.

S. Nandi
03/06/15

Mr. Swarup Nandi

(Project Guide)

Lecturer,
Department of IT
Tripura University

S. Sakti Debbarma

Mr. Sakti Debbarma

(Project Guide)

Sr. System Analyst
Tripura University

A. Roy
03/06/2015

Alak Roy

(Project Coordinator)

Assistant Professor

Department of IT

S. Shibendu Debbarma

Mr. Shibendu Debbarma

(Head In- Charge)

Assistant Professor

Department of IT