



TEZPUR UNIVERSITY

(A Central University)

Visitor's Best University Award, 2016 and NIRF India Ranking 2016: No.05

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Napaam, Tezpur, Assam - 784 028

Prof. Santanu Sharma
Head of the Department

Phone: 03712-275251
Fax : 03712-267006
E-mail: sss@tezu.ernet.in

INTERNSHIP/PROJECT DETAILS

Sr. No.	Programme Name	Name of the Student	Title of the Internship/Project	Place of Work	Duration of Work (in months)
1	B.Tech. in Electronics and Comm. Engineering	SAURAVJYOTI NATH	DESIGN AND VERIFICATION USING VERILOG	IEEE BANGALORE SECTION	23rd June to 3rd August 2020.
2	B.Tech. in Electronics and Comm. Engineering	MANISHA RAJAK	Instrumentation & field communication	OIL, Duliajan	10.12.20 to 8.1.21
3	B.Tech. in Electronics and Comm. Engineering	MONIKA SHARMA GIRI	IOT	CETPA INFO PVT LTD, Noida	29 July to 8 sept.2020
4	B.Tech. in Electronics and Comm. Engineering	PRINCE KONWAR	Design and Verification Using verilog	IEEE BANGALORE SECTION	23 June ro 3 rd August/2020
5	B.Tech. in Electronics and Comm. Engineering	RAUNAK KUMAR JHA	Design and Verification Using verilog	IEEE BANGALORE SECTION	23 June ro 3 rd August/2020
6	B.Tech. in Electronics and Comm. Engineering	ACHYUT MORANG	Design and Verification Using verilog	IEEE BANGALORE SECTION	23 June ro 3 rd August/2020
7	B.Tech. in Electronics and Comm. Engineering	ARIYAN KAUSHIK	Design and Verification Using verilog	IEEE BANGALORE SECTION	23 June ro 3 rd August/2020

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8	B.Tech. in Electronics and Comm. Engineering	MANISH BHOWMICK	Telecom Technologies, IoT	BSNL, Gaziabad UP	3 rd June 2019 – 27 th June 2019
9	B.Tech. in Electronics and Comm. Engineering	RIMLEE DAS	Embedded System	Bhubaneswar	15.6.2019 to 13.7.2019
10	B.Tech. in Electronics and Comm. Engineering	JUGABRAT NATH	“IOT Developer	EXOSYS DATA LAB	27.07.2020 to 27.08.2020.
11	B.Tech. in Electronics and Comm. Engineering	MICHELLE MILI	Design and Verification Using verilog	IEEE Bangalore Section	23 rd June to 17 th July 2020.
12	B.Tech. in Electronics and Comm. Engineering	SAUGAT DEB	VLSI	MICROSOFT MVP, KASIHIV	(01 January 2021 - 31 January 2021
13	B.Tech. in Electronics and Comm. Engineering	VANDANA GOYARI	Electrical Instrumentation and Information Services	IOCL, Bongaigaon	15th June, 2020 - 15th July, 2020.
14	B.Tech. in Electronics and Comm. Engineering	LAKHYA JYOTI DAS	E Learning on IOT	TRTC, Guwahati	12.10.20 to 11.11.2020
15	B.Tech. in Electronics and Comm. Engineering	SONIA KUMARI	Implementation of Modulation Techniques in AVR based Microcontroller for visible light communications	C-DAC Silchar	17.6.2020 to 17.8.2020

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16	B.Tech. in Electronics and Comm. Engineering	SNEHA DEB ROY	User Defined Communication Algorithm for Advanced Wireless Communication System	C-DAC Silchar	17.6.2020 to 17.8.2020
17	B.Tech. in Electronics and Comm. Engineering	RAJDEEP DAS	Design and Verification Using verilog	IEEE Indian Council	23 June to 3 rd August/2020
18	B.Tech. in Electronics and Comm. Engineering	ACHINTA KALITA	IOT	CETPA INFO PVT LTD, Noida	19 August to 29 th sept/2020
19	B.Tech. in Electronics and Comm. Engineering	DIWAKAR KUMAR	Design and Verification Using verilog	IEEE Bangalore Section	23 June to 3 rd August/2020
20	B.Tech. in Electronics and Comm. Engineering	SHARMISTHA DAS	CMOS STANDARD CELL CIRCUIT DESIGN, SIMULATION AND LAYOUT	IEEE, Bangalore Section	8th July to 4th September 2020
21	B.Tech. in Electronics and Comm. Engineering	MANISH KUMAR PURBEY	Web Developer	Exposys Data Labs, Begaluru	01.09.2020 to 26.09.2020.
22	B.Tech. in Electronics and Comm. Engineering	PRIYA DEBNATH	CMOS Standard Cell Circuit and Design Simulation and Layout	IEEE Indian Council, Bangalore	8 July 20 to 4 th Sept/2020
23	B.Tech. in Electronics and Comm. Engineering	SAREER HUSSAIN	Basic Electronic Circuit Design and Arduino	Institute of Technology, University of Kashmir	10 th June 2019 – 20 th July 2019

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24	B.Tech. in Electronics and Comm. Engineering	NISHIRAJ NATH	Design and Verification Using verilog	IEEE BANGALORE SECTION	23 June ro 3 rd August/2020
25	B.Tech. in Electronics and Comm. Engineering	VIKASH KUMAR SINGH	Design and Verification Using verilog	IEEE Bangalore Section	23 June ro 3 rd August/2020
26	B.Tech. in Electronics and Comm. Engineering	CHIRANJIB KASHYAP	IOT	CETPA INFO PVT LTD, Noida	29 July to 8 th sept/2020
27	B.Tech. in Electronics and Comm. Engineering	BUBUL PEGU	e- Learning on IoT	TRTC, GHY	12/10/2020 – 11/11/2020
28	B.Tech. in Electronics and Comm. Engineering	RITAM KUMAR BASUMATARY	e- Learning on IoT	TRTC, GHY	12/10/2020 – 11/11/2020
29	B.Tech. in Electronics and Comm. Engineering	ARGHYA JYOTI CHAKRABORTY	ELECTRONIC CIRCUIT DESIGN AND SIMULATION: CIRCUITS AND SYSTEMS PERSPECTIVE	IEEE Bangalore Section	18th August to 23rd October 2020
30	B.Tech. in Electronics and Comm. Engineering	TANMOY GOSWAMI	Cell Free Massive MIMO and comparison with small Cells massive MIMO	NIT, Silchar	5.8.20 to 2.9.2020
31	B.Tech. in Electronics	MANASH PROTIM BURAGOHAIN	CUSTOM IC DESIGN: CMOS STANDARD CELL CIRCUIT DESIGN,	IEEE Bangalore SECTION	from 8th July to 4th September 2020

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	and Comm. Engineering		SIMULATION AND LAYOUT		
32	B.Tech. in Electronics and Comm. Engineering	PUJA SINGH	IOT	CETPA INFO PVT LTD, Noida	29 July to 8 th sept/2020
33	B.Tech. in Electronics and Comm. Engineering	BHARGAV JYOTI NATH	IOT Developer	Exposys Data Labs, Begaluru	28.07.2020 to 26.08.2020.
34	B.Tech. in Electronics and Comm. Engineering	SUKRIT JYOTI BARUAH	Software Developer”	Exposys Data Labs, Begaluru	12.07.2020 to 28.07.2020.
35	B.Tech. in Electronics and Comm. Engineering	MOHAN JYOTI BARUAH	“IOT Developer	Exposys Data Labs, Begaluru	18.08.2020 to 18.09.2020.
36	B.Tech. in Electronics and Comm. Engineering	LAHAR BARUAH	DESIGN AND VERIFICATION USING VERILO	IEEE Bangalore Section	23 rd June to 3 rd August 2020
37	B.Tech. in Electronics and Comm. Engineering	HIMSIKHAR DEKA	IOT Developer	Exposys Data Labs, Begaluru	m 28.07.2020 to 26.08.2020.
38	B.Tech. in Electronics and Comm. Engineering	BIBEK SARMA	DESIGN AND VERIFICATION USING VERILOG	IEEE Bangalore Section	from 23rd June to 3rd August 2020
39	B.Tech. in Electronics	AFREEN LASKAR	CUSTOM IC DESIGN: CMOS STANDARD CELL CIRCUIT DESIGN,	IEEE Bangalore Section	from 8th July to 4th September 2020

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	and Comm. Engineering		SIMULATION AND LAYOUT		
40	B.Tech. in Electronics and Comm. Engineering	ASSISA VYAS	CMOS STANDARD CELL CIRCUIT DESIGN, SIMULATION AND LAYOUT	IEEE Bangalore SECTION	from 8th July to 4th September 2020
41	B.Tech. in Electronics and Comm. Engineering	SANKAR JAHORI	IOT Developer	Exposys Data Labs, Bengaluru	28.07.2020 to 26.08.2020.
42	B.Tech. in Electronics and Comm. Engineering	SUSMITA MISHRA	IOT	CETPA INFO PVT LTD,Noida	29 July to 8 sept.2020
43	B.Tech. in Electronics and Comm. Engineering	MITALI DAS	IOT	CETPA INFO PVT LTD,Noida	29 July to 8 sept.2020
44	B.Tech. in Electronics and Comm. Engineering	BHASKAR TAYE	E-Learning on IoT	TRTC, Guwahati	12.10.20 11.11.2020
45	B.Tech. in Electronics and Comm. Engineering	SURAJ KUMAR	DESIGN AND VERIFICATION USING VERILOG	IEEE Bangalore Section	23rd June to 3rd August 2020
46	B.Tech. in Electronics and Comm. Engineering	KRISHNA VAMSI PONNADA	DESIGN AND VERIFICATION USING VERILOG	IEEE Bangalore Section	23rd June to 3rd August 2020
47	B.Tech. in Electronics	MEHBUB AHMED MAZUMDER	Web Developer	Exposys Data Labs, Bengaluru	26.08.2020 to 15.09.2020.

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	and Comm. Engineering				
48	B.Tech. in Electronics and Comm. Engineering	KINGSHUK JYOTI NATH	Data Science	Exposys Data Labs, Begaluru	16.06.2020 to 16.08.2020.
49	B.Tech. in Electronics and Comm. Engineering	Tejan Hazarika	Electrical, Instrumentation and Information Services	IOCL, Bongaigaon	15th June, 2020 - 15th July, 2020.
50	M.Tech. in Electronics Design & Technology	MOHAMMED ADIL	Two Electrode ECG data Acquisition for stress estimation	Tezpur University	July 2020 – June 2021
51	M.Tech. in Electronics Design & Technology	SHASHI RANJAN	Two Electrode ECG data Acquisition for stress estimation	Tezpur University	July 2020 – June 2021
52	M.Tech. in Electronics Design & Technology	MANASH GOGOI	Separation of Audio Signals from a Mixed Signal	Tezpur University	July 2020 – June 2021
53	M.Tech. in Electronics Design & Technology	JENIFER MANTA	MODELLING AND SIMULATION OF DC-DC CONVERTERS FOR TRACTION CONTROL IN ELECTRIC VEHICLE	Tezpur University	July 2020 – June 2021
54	M.Tech. in Electronics Design & Technology	DHIMAN MALAKAR	Modelling of the surface potential of a Junctionless Cylindrical Gate MOSFET	Tezpur University	July 2020 – June 2021
55	M.Tech. in Electronics	KARISHMA MEDHI	PDMS Based Microfluidic Device for	Tezpur University	July 2020 – June 2021

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	Design & Technology		Optical Sensing Applications		
56	M.Tech. in Electronics Design & Technology	PIYUSH KUMAR THAKUR	Development of SnO ₂ -rGO Hybrid Nanocomposite Gas Sensors for Toxic Gas Detection at Room Temperature	Tezpur University	July 2020 – June 2021
57	M.Tech. in Electronics Design & Technology	POOJA NATH	Smart Data Glove for Hand Gesture Recognition	Tezpur University	July 2020 – June 2021
58	M.Tech. in Electronics Design & Technology	ANJANA BHARATI SUBBA	Medical Image Classification using Modified Local Maximum Edge Binary Pattern Based Features and Support Vector Machine	Tezpur University	July 2020 – June 2021
59	M.Tech. in Electronics Design & Technology	TAPASI MISRA	Classification of COVID-19 Chest X-Rays and Lung CT-images using 3D-nLocal Binary Pattern(nLBP) based feature and Support Vector Machine	Tezpur University	July 2020 – June 2021
60	M.Tech. in Electronics Design & Technology	ONISHAA SAIKIA	Study on the Influence of Fixed Ion concentrations in the Original H-H model of neuron on Seizure	Tezpur University	July 2020 – June 2021
61	M.Tech. in Electronics	MANOSH PROTIM GOGOI	Silicon Nanowire FET: empirical modelling and sensing application	Tezpur University	July 2020 – June 2021

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	Design & Technology				
62	M.Tech. in Electronics Design & Technology	RAJESH MANDAL	Primate Visual Cortex: A biologically Inspired Mathematical Translation for Deep Learning	Tezpur University	July 2020 – June 2021
63	M.Tech. in Electronics Design & Technology	KUNDAN BRAHMA	Development of a Robotic Arm with an Embedded Vision System	Tezpur University	July 2020 – June 2021
64	M.Tech. in Electronics Design & Technology	PRANAB SARMA	Deep Learning for Early Prediction of Breast Cancer using mammogram Images	Tezpur University	July 2020 – June 2021
65	M.Tech. in Electronics Design & Technology	BIPLAB BISWAS	Synthesis of MoS ₂ -ZnO nanocomposite for gas sensing application	Tezpur University	July 2020 – June 2021
66	M.Tech. in Electronics Design & Technology	JEWEL HAQUE	Deep learning based early detection of covid-19 using high resolution chest x-ray images	Tezpur University	July 2020 – June 2021
67	M.Tech. in Electronics Design & Technology	DEEPJYOTI DEB	An SOI Double Gate Tunnel Field effect Transistor : Architectures and electrical performance	Tezpur University	July 2020 – June 2021
68	M.Tech. in Electronics Design & Technology	SUBHAM GHOSH	Embedded FPGA and CPU based Image stitching using Harris Corner Detection.	Tezpur University	July 2020 – June 2021

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69	M.Tech. in Electronics Design & Technology	BIPUL CH SARKAR	Carbon Nanotube FET: simulation and empirical modeling	Tezpur University	July 2020 – June 2021
70	M.Tech. in Electronics Design & Technology	SOHAIL AHMED	Active noise cancellation using adaptive filtering	Tezpur University	July 2020 – June 2021
71	M.Tech. in Bioelectronics	LAKHYAJIT GOHAIN	Towards EMG based Prosthetic Hand with Improved Controllability and Functionality	Tezpur University	July 2020 – June 2021
72	M.Tech. in Bioelectronics	TANAYA DAS	Prediction of Upper Limb And Lower Limb Movements Through Estimation Of EMG From EEG	Tezpur University	July 2020 – June 2021
73	M.Tech. in Bioelectronics	SANGEETA SINGHA	Remote Sensing Image Scene Classification using Multi-scale Local Adaptive Ternary Patterns and Fisher Vectors	Tezpur University	July 2020 – June 2021
74	M.Tech. in Bioelectronics	PORI SAIKIA	A Study on Effect of Electronic Parameters on Diabetic Neuropathy by Using Rat Model	Tezpur University	July 2020 – June 2021
75	M.Tech. in Bioelectronics	SUVAJIT ROY	Design and Simulation of Capacitive Gas Sensor using COMSOL MULTIPHYSICS	Tezpur University	July 2020 – June 2021
76	M.Tech. in Bioelectronics	BIKASH DAS	Electrochemical Modeling and Simulation of Junctionless Carbon nanotube field effect	Tezpur University	July 2020 – June 2021

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			transistor for cholesterol detection		
77	M.Tech. in Bioelectronics	MRINMOY SINGHA	Cufflers Digital Sphygomanometric measuring system	Tezpur University	
78	M.Tech. in Bioelectronics	AMIT JYOTI THAKURIA	Development of an ISFET readout system and its application to lactose analysis in milk	Tezpur University	July 2020 – June 2021
79	M.Tech. in Bioelectronics	ABHIJIT GOGOI	Early Flood Forecasting for Tezpur Region using Artificial Neural Network	Tezpur University	July 2020 – June 2021
80	M.Tech. in Bioelectronics	PEARLESHWARI RANI BORO	Fabrication Of Patterned Surface Plasmon Resonance (SPR) Biochip To Study Complex Protein Sample	Tezpur University	July 2020 – June 2021
81	M.Tech. in Bioelectronics	GEETARTHA SARMA	Development of Capacitive sensor for rapid detection of COVID19	Tezpur University	July 2020 – June 2021
82	M.Tech. in Bioelectronics	SNIGDHA RANEE DAS	Dibittering of Citrus fruit Using magnesium silicate	Tezpur University	July 2020 – June 2021
83	M.Tech. in Bioelectronics	UDDIPAN HAZARIKA	Orientation Selectivity In The Neurons Of Primates Visual Cortex : A Morphological Perspective	Tezpur University	July 2020 – June 2021
84	M.Tech. in Bioelectronics	PRONITA BORO	Wireless ECG Data Acquisition System And Motion Artifact Reduction	Tezpur University	July 2020 – June 2021
85	M.Tech. in Bioelectronics	ANKUMONI HAZARIKA	Wireless Communication	Tezpur University	July 2020 – June 2021

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			Systems for monitoring of Bio Signal Remotely		
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