



तेजपुर विश्वविद्यालय

(केन्द्रीय विश्वविद्यालय)

नपाम, तेजपुर - 784 028, असम, भारत

TEZPUR UNIVERSITY

(A Central University)

Napam, Tezpur - 784 028 Assam, India

Department of Mathematical Sciences

INTERNSHIP/PROJECT DETAILS

Sr. No.	Programme Name	Name of the Student	Title of the Project	Place of Work	Duration of Work (in months)
1	Integrated M.Sc. in Mathematics	KAUSTAV NEOG	Classification and regression tasks in machine learning using Python	Tezpur University	Two semesters(12 months)
2	Integrated M.Sc. in Mathematics	BISHAL DUTTA	A study on some aspects of spherical trigonometry	Tezpur University	Two semesters(12 months)
3	Integrated M.Sc. in Mathematics	JEREMY RYMBAI	A brief study on congruences of some regular partitions	Tezpur University	Two semesters(12 months)
4	Integrated M.Sc. in Mathematics	GUNAJYOTI SAHARIA	A study on algebraic connectivity of a graph	Tezpur University	Two semesters(12 months)
5	Integrated M.Sc. in Mathematics	RAJKISHOR DEKA	Root finding method: A study on Muller method, Dekker method and Brent's method	Tezpur University	Two semesters(12 months)
6	Integrated M.Sc. in Mathematics	BIBEK BACHAN BARUA	Zermelo-Frankel set theory, the fundamentals and its revolution	Tezpur University	Two semesters(12 months)
7	Integrated M.Sc. in Mathematics	NIKUNJA PATOWARY	A study on the stability of a system of differential equations	Tezpur University	Two semesters(12 months)
8	Integrated M.Sc. in Mathematics	HIMANSHU BORAH	Characterization of finite dimensional spaces	Tezpur University	Two semesters(12 months)
9	Integrated M.Sc. in Mathematics	NAYANBH SARMAH	Application to summability of sequence	Tezpur University	Two semesters(12 months)

Maths - HEAD
Department of Mathematical Sciences
Tezpur University
(Prof. Milan Nath)

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10	Integrated M.Sc. in Mathematics	ZENITH MONDAL	The number of representations of a positive integer by certain quadratic forms	Tezpur University	Two semesters(12 months)
11	Integrated M.Sc. in Mathematics	KRISHNA KALITA	Multiple burst-correcting maximum distance separable codes	Tezpur University	Two semesters(12 months)
12	Integrated M.Sc. in Mathematics	SHRABANI DAS	Some topological indices of graphs	Tezpur University	Two semesters(12 months)
13	Integrated M.Sc. in Mathematics	TANMOY BARMAN	Almost periodic solutions to a class of non-instantaneous impulsive differential equation with deviating argument	Tezpur University	Two semesters(12 months)
14	Integrated M.Sc. in Mathematics	DIXITA SONOWAL	A few numerical methods for parabolic differential equations	Tezpur University	Two semesters(12 months)
15	M.Sc. in Mathematics	ASKAR ALI	A study on ROC and some properties of Z-transform	Tezpur University	One semester(6 months)
16	M.Sc. in Mathematics	JYOTISHMAN BHAGAWATI	A study on celestial mechanics	Tezpur University	One semester(6 months)
17	M.Sc. in Mathematics	BUDDHA KONWAR	A study on Somo's Dedekind η -function identities	Tezpur University	One semester(6 months)
18	M.Sc. in Mathematics	BHASKAR JYOTI DUTTA	Completeness of positive linear recurrence sequences	Tezpur University	One semester(6 months)

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19	M.Sc. in Mathematics	RITUPARNA CHALIHA	A study on Ramanujan's partition congruences	Tezpur University	One semester(6 months)
20	M.Sc. in Mathematics	CHANDRA KAMAL DAS	Constructing new topological spaces from old	Tezpur University	One semester(6 months)
21	M.Sc. in Mathematics	BISHAKHA SARKAR	Fundamental groups of the torus and the double torus	Tezpur University	One semester(6 months)
22	M.Sc. in Mathematics	SUSHANTA DAS	Countability axioms in topology	Tezpur University	One semester(6 months)
23	M.Sc. in Mathematics	RAHUL DAS	A study on some matrices associated with graphs	Tezpur University	One semester(6 months)
24	M.Sc. in Mathematics	BISWAHITEISHI SAHOO	A study on the distance matrix of a tree	Tezpur University	One semester(6 months)
25	M.Sc. in Mathematics	BIBHUTI BHUSAN SAHU	A study on zero divisor graph of a commutative ring	Tezpur University	One semester(6 months)
26	M.Sc. in Mathematics	SUJOY BASAK	A representation of $[0,1]$ via Cantor set	Tezpur University	One semester(6 months)
27	M.Sc. in Mathematics	JITU CHUTIA	Linear integral equation	Tezpur University	One semester(6 months)
28	M.Sc. in Mathematics	DEEPAJ DUTTA	Rotation in 3D space	Tezpur University	One semester(6 months)

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29	M.Sc. in Mathematics	ANUSUIYA BAISHYA	Feebly nil clean rings	Tezpur University	One semester(6 months)
30	M.Sc. in Mathematics	MAHARSHI NEOGI	Factorization over finite fields	Tezpur University	One semester(6 months)
31	M.Sc. in Mathematics	LATIF ALOM	Numerical solution of boundary value problems using finite difference method	Tezpur University	One semester(6 months)
32	M.Sc. in Mathematics	DIPANKAR SAUD	A study on differential equations with delay	Tezpur University	One semester(6 months)
33	M.Sc. in Mathematics	ANKURJYOTI CHUTIA	Positive definite matrices	Tezpur University	One semester(6 months)
34	M.Sc. in Mathematics	PARAG SARMA	A brief study on the properties of Hermitian matrices	Tezpur University	One semester(6 months)
35	M.Sc. in Mathematics	GAURAB BARDHAN	Location and perturbation of eigenvalues	Tezpur University	One semester(6 months)
36	M.Sc. in Mathematics	AMITESH TIWARI	Introduction to Hardy-Hilbert space	Tezpur University	One semester(6 months)
37	M.Sc. in Mathematics	RISHABH GOSWAMI	A study on cyclic numbers	Tezpur University	One semester(6 months)
38	M.Sc. in Mathematics	KRITIKA KASHYAP	A study on the number of representations of an integer into certain quadratic forms	Tezpur University	One semester(6 months)

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39	M.Sc. in Mathematics	POOJA BISWAS	A study on cubic theta functions, modular equations and singular moduli	Tezpur University	One semester(6 months)
40	M.Sc. in Mathematics	KAMAL GOGOI	A study on combinatorial codes	Tezpur University	One semester(6 months)
41	M.Sc. in Mathematics	BHASKARJYOTI BARMAN	Seld dual codes in the Rosenbloom andTsfafmanmetric	Tezpur University	One semester(6 months)
42	M.Sc. in Mathematics	BARNALI RAY	Maximum Lee distance codes	Tezpur University	One semester(6 months)
43	M.Sc. in Mathematics	NAYAN JYOTI BORDOLOI	Commuting conjugacy classgraph of certain finite groups	Tezpur University	One semester(6 months)
44	M.Sc. in Mathematics	BISHAL PATOWARY	Some applications of graph theory	Tezpur University	One semester(6 months)
45	M.Sc. in Mathematics	MEHBUB HASSAN	A study on commutativity degree of a finite group	Tezpur University	One semester(6 months)
46	M.Sc. in Mathematics	LIAKAT ALI	Inhomogeneous abstract Cauchy problem for linear equation	Tezpur University	One semester(6 months)
47	M.Sc. in Mathematics	PREMNATH PANDIT	Abstract Cauchy problem	Tezpur University	One semester(6 months)
48	M.Sc. in Mathematics	NABAJIT KUTUM	Gambler's ruin problem and its applications	Tezpur University	One semester(6 months)


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49	M.Sc. in Mathematics	FINELESS MALANG	A study on singular value decomposition	Tezpur University	One semester(6 months)
50	M.Sc. in Mathematics	PRANKRISHNA HAZARIKA	Introduction to quantile regression	Tezpur University	One semester(6 months)
51	M.Sc. in Mathematics	BHARATI BORGHAIN	Computational methods for finding eigenvalues of real matrices	Tezpur University	One semester(6 months)
52	M.Sc. in Mathematics	RAJIB PAUL	Gradient based methods for solving system of linear equations	Tezpur University	One semester(6 months)

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