

List of Research Publications by the Teachers of Handique Girls' College from the July, 2014 to June, 2019:

Sl. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number	Volume, Issue and Page numbers	Link
1	Carbohydrate-appended photocytotoxic (imidazophenanthroline)oxovanadium(IV) complexes for cellular targeting and imaging.	Akhtar Hussain	Chemistry	<i>Dalton Trans</i>	2014	ISSN- 1477-9226	43(3):1321-1331	https://europepmc.org/article/med/24193217
2	Mitochondria targeting Photocytotoxic Oxidovanadium(IV) Complexes of Curcumin and (Acridinyl)dipyridophenazine in Visible Light	Akhtar Hussain	Chemistry	<i>(Zeitschrift für anorganische und allgemeine Chemie (ZAAC))</i>	2014	ISSN- 0044-2313	640(6):1195-1204	https://onlineibrary.wiley.com/doi/abs/10.1002/zaac.201300569
3	Iron(III) Catecholates for Cellular Imaging and Photocytotoxicity in Red	Akhtar Hussain	Chemistry	<i>Chemistry-An Asian Journal</i>	2014	ISSN 1861-471X	9(9):2494-504	https://pubmed.ncbi.nlm.nih.gov/25044734/
4	Carbohydrate-Appended Tumor Targeting Iron(III) Complexes showing Photocytotoxicity in Red Light	Akhtar Hussain	Chemistry	<i>Inorg. Chem.</i>	2014	ISSN- 010-1669	53(4):2152-2162	https://pubs.acs.org/doi/10.1021/ic4028173
5	Remarkable enhancement in photocytotoxicity and hydrolytic stability of curcumin on binding to an oxovanadium (IV) moiety	Akhtar Hussain	Chemistry	<i>Dalton Trans</i>	2014	ISSN 1477-9226	9	https://pubs.rsc.org/en/content/articlelanding/2015/dt/c4dt02165g#divAbstract
6	Iron(III) benzhydroxamates of dipicolylamine for photocytotoxicity in red light and cellular imaging	Akhtar Hussain	Chemistry	<i>Polyhedron</i>	2014	ISSN- 0277-5387	73:1224-134	https://www.sciencedirect.com/science/article/abs/pii/S027753871400093X
7	Karyomorphological Studies and 4C DNA estimation in two spp of <i>Plumbago</i> Linn.	Bandana Nabis Das	Botany	<i>Proceedings of 59th Annual Technical Session of Assam Science Society, Vol 15.</i>	2014	ISBN: 13-978-81930041-2-8	Not Found	https://www.researchgate.net/publication/318251554_Karyomorphological_Studies_in_Two_Species_of_Bauhinia_Linn_and_Induction_of_Polyploidy_in_Bauhinia_acuminata_Linn

8	Observation Composed of a Parameter and Chance Error: An Analytical Method of Determining the Parameter	Dhritikesh Chakraborty	Statistics	<i>International Journal of Electronics and Applied Research, 1(2)</i>	2014	ISSN: 2277-9655	1(2)	http://www.iaeng.org/publication/WCE2015/WCE2015_pp680-684.pdf
9	Evaluation of amylase activity in fruit fly, <i>Drosophila melanogaster</i> and the inhibitory effect of common bean, <i>Phaseolus vulgaris</i> extract	Dip Jyoti Haloi	Zoology	<i>Journal of Entomology and Zoology Studies, 2(6)</i>	2014	ISSN: 2320-7078	2(6):95-98	https://www.entomoljournal.com/vol2Issue6/pdf/17.1.pdf
10	A case study of male-male territory combat in <i>Leptobranchium smithi</i> Matsui, Nabhitabhata & Panha, 1999 (Anura: Megophryidae)	Dipankar Dutta	Zoology	<i>Pranikee- Journal of the Zoological Society of Orissa XXIV</i>	2014	0970-4450	26:22-29	https://www.researchgate.net/publication/282074386_A_CASE_STUDY_OF_MALE-MALE_TERRITORY_COMBAT_IN_LEPTOBRACHIUM_SMITHI_MATSUI_NABHITABHATA_AND_PANHA_1999_ANURA_MEGOPHRYIDAE
11	Evaluation of amylase activity in fruit fly, <i>Drosophila melanogaster</i> and the inhibitory effect of common bean, <i>Phaseolus vulgaris</i> extract	Innifa Hasan	Zoology	<i>Journal of Entomology and Zoology Studies, 2(6)</i>	2014	ISSN 2320-7078	2(6):95-98	https://www.entomoljournal.com/vol2Issue6/pdf/17.1.pdf
12	Estimation of Health Cost Due to Groundwater Arsenic Pollution in Jorhat District of Assam, India using 3SLS'.	Jayashree Chowdhury	Economics	<i>Indian Journal of Applied Research, Vol 4, Issue 5.</i>	2014	ISSN- 2249-555X, Impact Factor-2.1652	49:30-42	https://www.sciencedirect.com/science/article/abs/pii/S0313592615300436
13	Estimation of Health Cost Due to Groundwater Arsenic Pollution in Jorhat District of Assam, India using 3SLS	Jayashree Chowdhury	Economics	<i>Indian Journal of Applied Research, 4(5)</i>	2014	2249-555X	49:30-42	https://www.sciencedirect.com/science/article/abs/pii/S0313592615300436
14	A catalyst-free protocol for direct oxidative esterification of alcohols and aldehydes	Kamal K Rajbongshi	Chemistry	<i>Tetrahedron Lett.</i>	2014	0040-4039	55(39):5358-5360	https://www.sciencedirect.com/journal/tetrahedron-letters/vol/55/issue/39
15	Facile generation of α,α-dibromodimethyl ketals from alkynes using $TsNBr_2$	Kamal K Rajbongshi	Chemistry	<i>Tetrahedron Lett.</i>	2014	0040-4039	55(11):1877-1878	https://www.sciencedirect.com/science/article/abs/pii/S0040403914001695

16	Facile generation of α,α -dibromodimethyl ketals from alkynes using TsNBr ₂ .	Kamal Krishna Rajbongshi	Chemistry	<i>Tetrahedron Lett.</i>	2014	0040-4039	55(11):1877-1878	https://www.sciencedirect.com/science/article/abs/pii/S0040403914001695
17	Regioselective N-acylation of heterocyclic amines under dry conditions catalyzed by natural clay	Kandarpa Phukan	Chemistry	<i>Int. J. App. Bio. Pharm. Tech</i> 5(3): 171-175	2014	ISSN- 0976-4550, h-index-18, i-10 index -47	10(2):156-164	https://scholar.google.com/citations?user=Ewrw-VAAAAAJ&hl=en
18	Regioselective N-acylation of heterocyclic amines under dry conditions catalyzed by natural clay.	Kandarpa Phukan	Chemistry	<i>Int. J. App. Bio. Phar. Tech.</i>	2014	0976-4550	10(2):156-164	https://scholar.google.com/citations?user=Ewrw-VAAAAAJ&hl=en
19	Phytogeography of Chirang Reserve Forest under Manas Biosphere Reserve in Assam (India)	Kathakali Bhattacharyya	Botany	<i>Pleione</i> 8(2)	2014	0973-9467	8(2):374-380	https://www.academia.edu/9981403/Phytogeography_of_Chirang_Reserve_Forest_under_Manas_Biosphere_Reserve_in_Assam_India
20	Spectral Calculations in Stably Stratified Turbulence	Kishore Dutta	Physics	<i>Physical Review E, Vol. Xx, 003000</i>	2014	1539-3755	Not Found	https://journals.aps.org/pre/pdf/10.1103/PhysRevE.90.06301
21	Spectral Calculations in Stably Stratified Turbulence	Kishore Dutta	Physics	<i>Phys. Rev. E. 90, 063013</i>	2014	2164-6457	Not Found	https://journals.aps.org/pre/pdf/10.1103/PhysRevE.90.063013
22	Hunting in Groups: Dynamics of Chase and Escape	Kishore Dutta	Physics	<i>Journal of Applied Nonlinear Dynamics, 3 the Resonance, 19</i>	2014	0295-5075	3(2):105-113	https://www.researchgate.net/publication/273181791_Hunting_in_Groups-Dynamics_of_Chase-and-Escape
23	Hunting in Groups: Dynamics of Chase and Escape	Kishore Dutta	Physics	<i>Journal of Applied Nonlinear Dynamics, Vol. 3,</i>	2014	2164-6457	3(2):105-113	https://www.researchgate.net/publication/273181791_Hunting_in_Groups-Dynamics_of_Chase-and-Escape
24	First-principles real-space study of electronic and optical excitations in rutile TiO ₂ nanocrystals	Kopinjal Baishya	Physics	<i>Phys. Rev. B</i> 90: 165424	2014	0974-9845	Not Found	https://journals.aps.org/prb/pdf/10.1103/PhysRevB.90.165424
25	Madhya Yugar Asamiya Bhasar Karak 'Aitihya'	Lakshi Hazarika	Assamese	<i>The Heritage, V(1)</i>	2014	ISSN 2229-5399	5(1)	https://www.scientiabooks.in/product/madhya-jugar-asamiya-bhasar-rupattattvik-bislesanmorphological-analysis-middle-assamese-language/
26	Self and self Knowledge in Krishnamurti's Philosophy	Merry Halam	Philosophy	<i>Manavayatan, The Humanosphere</i>	2014	ISSN-2249-0612	Not Found	https://shodhganga.inflibnet.ac.in/handle/10603/221047

27	Fixed Points in Fuzzy metric spaces ,7(2)2014-313-318	Mintulal Saha	Mathematics	<i>Annals of Fuzzy Mathematics and Informatics</i>	2014	ISSN 2287-6235.	26(2):307-326	http://kkms.org/index.php/kim/article/view/608
28	Acoustic Analysis of Female voice during Menstruation cycle with reference to Assamese language	Mousmit a Devi	Computer Science	<i>IJSER (impact factor=3.2)</i>	2014	ISSN 2229-5518	5 (1)	https://www.ijser.org/paper/Acoustic-Analysis-of-Female-Voice-during-Menstruation-cycle.html
29	Acoustic Analysis of Female voice during Menstruation cycle with reference to Assamese language	Mousmit a Devi	Computer Science	<i>IJSER, 5(1)</i>	2014	ISSN: 2348-2281 (ONLINE)	5(1): 1756-1759	https://www.ijser.org/researchpaper/Acoustic-Analysis-of-Female-Voice-during-Menstruation-cycle.pdf
30	Colonizing the Heathens: Welsh medical mission in 'A Land of Many Tribes'	Phoibi L. Tuolor	History	<i>International Journal of Social Sciences Studies</i>	2014	ISSB 2349-6959 (O) 2349-6711 (P)	1(1):34-41	http://www.ijhss.com/files/Phoibi.pdf
31	Seed oils from non-conventional sources in north-east India: Potential feedstock for production of biodiesel	Priyanka Barua	Chemistry	<i>Natural Product Research, 28</i>	2014	ISSN 1478-6419	28(8):577-80	https://pubmed.ncbi.nlm.nih.gov/24483850/
32	Gmelina arborea and Tabernaemontana divaricata seed oils as non-edible feedstocks for biodiesel production	Priyanka Barua	Chemistry	<i>International Journal of Chem. Tech. Research, 6</i>	2014	.ISSN 0974-4290	6(2):1440-1445	https://www.researchgate.net/publication/261129304_Gmelina_arborea_and_Tabernaemontana_divaricata_Seed_Oils_as_Non-Edible_Feedstocks_for_Biodiesel_Production
33	Awareness of Women towards maternity and Child Health Care – A Comparative Study between literate and illiterate Women of Kamrup (Rural) District (Assam)	Purabi Deka	Education	<i>Journal of North East Region</i>	2014	ISSN- 2277-1697	Not Found	https://shodhganga.inflibnet.ac.in/handle/10603/165979
34	Biodiesel derived waste Glycerol as an Economic substance for biosurfactant production using indigenous pseudomonas aeruginosa.	Shyamali ma Gogoi	Zoology	<i>RSC Advances Vol-4(73)</i>	2014	-44555	4(73)	https://pubs.rsc.org/en/content/articlelanding/2014/ra/c4ra05594b#1divAbstract
35	Prospects of Economic Development through E-Commerce	Tahrin Rahman	Economics	<i>Indian Journal of Applied Research</i>	2014	2249-555X	4(12):155-157	https://www.worldwidejournals.com/indian-journal-of-applied-research-(IJAR)/fileview/December_2014_1417446082_51.pdf

36	Characterization of biosynthesized zinc sulphide nanoparticles using edible mushroom <i>Pleurotus ostratus</i>	Uday Sankar Senapati	Physics	<i>Indian J. Phys.</i>	2014	2028-9324	88(6):557-562	https://www.researchgate.net/publication/271678004_Characterization_of_biosynthesized_zinc_sulphide_nanoparticles_using_edible_mushroom_Pleurotus_ostratus
37	Iron (III) Schiff base complexes of a pyridoxal derivative for enhanced cellular uptake with selectivity and remarkable photocytotoxicity	Akhtar Hussain	Chemistry	<i>Inorganic Chemistry (ACS): 54</i>	2015	ISSN 0020-1669 (Print) ISSN: 1520-510X (Web)	54 (8):3748–3758	https://pubs.acs.org/doi/full/10.1021/ic5027625
38	Significant photocytotoxic effect of an iron (III) complex of a Schiff base ligand derived from vitamin B ₆ and thiosemicarbazide in visible light.	Akhtar Hussain	Chemistry	<i>RSC Advances (RSC), 5</i>	2015	ISSN: 2046-2069	37	https://pubs.rsc.org/en/content/articlelanding/2015/ra/c5ra04207k#!divAbstract
39	an innovative approach for detection of, hydrometeor returns from the GU Portable Atmospheric Lidar profiles	Alaka Medhi	Physics	<i>IJEAR 2</i>	2015	2395-0064	2(1):48-59	http://eses.net.in/documents/Paper5.pdf
40	Formulation of Genesis Potential Parameters by utilizing atmospheric variabilities for identifying type of cyclonic storover the Bay of Bengal.	Alaka Medhi	Physics	<i>IJEAR, 2</i>	2015	2395-0064	2(1):14-28	http://www.eses.net.in/documents/Paper2.pdf
41	Orographic role in Anomalous VHF propagation on the background of impending earthquakes	Alaka Medhi	Physics	<i>Annals of Geophysics, 58(3)</i>	2015	DOI: 10.1039/C4an01611d Citation: 4	58(3):1-12	https://www.annalsofgeophysics.eu/index.php/annals/article/view/6716
42	Atmospheric turbulences over Guwahati and their association with tropospheric dynamics	Alaka Medhi	Physics	<i>IJRSP 44</i>	2015	0367-8933	44(1):35-44	https://www.researchgate.net/publication/282918661_Atmospheric_turbulences_over_Guwahati_and_their_association_with_tropospheric_dynamics
43	In vitro antimicrobial activity of fungal endophytes isolated from <i>Plumbago indica</i>	Bandana Nabis Das	Botany	<i>Indian Journal of Tropical Biodiversity</i>	2015	ISSN 0971-4642	Not found	https://www.researchgate.net/publication/343346117_In_Vitro_Antimicrobial_Activity_of_Fungal_Endophytes_Isolated_From_plumbago_Indica

44	Estimation of Estrogenic Heavy Metals in water and body of a common fish (Anabas sp.) of Borsola Beel, Guwahati city, Assam, India	Bandita Baruwa	Zoology	<i>International Journal of Research in Science and Technology, 5(IV)</i>	2015	ISSN (Online) 2249-0604/ ISSN (Print): 2454-180X	Not found	https://www.semanticscholar.org/paper/ESTIMATION-OF-ESTROGENIC-HEAVY-METALS-IN-WATER-AND-Baruw%C4%81/2daa1d5867d61dbb51b35d548be1a3f1994de773
45	Scope for Livelihood Intervention Based on Wildlife Tourism in Nameri National Park of Assam: An Analysis	Bedabrat Saikia	Economics	<i>Indian Journal of Applied Research, 5(10)</i>	2015	2249-555X	5(10)	https://www.worldwidejournals.com/indian-journal-of-applied-research-(IJAR)/article/scope-for-livelihood-intervention-based-on-wildlife-tourism-in-nameri-national-park-of-assam-an-analysis/NzY1MQ==/?is=1
46	A Critical Study of Tone in Bodo Language	Biren Sarma	Computer Science	<i>International Journal of Scientific and Research Publication (IJSRP) Issue 4</i>	2015	ISSN: 2250-3153	5(4):1-7	http://www.ijsrp.org/research-paper-0415/ijsrp-p40101.pdf
47	Discourses on Growth and Inequality: Indian Experience	Biswajit Choudhury	Political Science	<i>North Bengal University Journal of Humanities and Social Sciences, North Bengal.</i>	2015	2278-4039	Not found	http://14.139.211.59/bitstream/123456789/3735/1/Vol.%2011_March-October%202015_02.pdf
48	Infirmities of woman in the satras of Assam with Reference to Mamani Raisom Goswami's The Mouth-Eaten Howdah of the Tusker	Debarati Das	English	<i>International Journal on Multicultural Literature, 5(2)</i>	2015	ISSN 2231-6248	5(2):28-35	https://web.a.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=22316248&AN=108437933&h=2P3CsfQDUkaKoRRUAbOH5IF%2fWMSsfOoVlbzVuox4YZxZHDFurWoOXMWYtnEuaoz%2b92ZPadtDyKmSidoVrgOw%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d22316248%26AN%3d108437933

49	In vitro antimicrobial activity of fungal endophytes isolated from <i>Plumbago indica</i>	Deepanwita Deka	Botany	<i>Indian Journal of Tropical Biodiversity</i>	2015	ISSN 0971-4642	Not found	https://www.researchgate.net/publication/343346117_In_Vitro_Antimicrobial_Activity_of_Fungal_Endophytes_Isolated_From_plumbago_Indica
50	Central Tendency of Annual Extremum of Ambient Air Temperature at Tezpur Based on Midrange and Median	Dhritikesh Chakraborty	Statistics	<i>J. Chem. Bio. Phy. Sci., Sec. C, 5(4)</i>	2015	ISSN (Online): 2249 – 1929	5(4), 4397-4410	file:///C:/Users/HP/Downloads/C.16.1791.pdf
51	Observation Composed of a Parameter and Chance Error: Determining the Parameter as Stable Range	Dhritikesh Chakraborty	Statistics	<i>International Journal of Electronics and Applied Research, 2(1)</i>	2015	ISSN: 2395-0064	2(1):35-47	http://eses.net.in/documents/Paper4.pdf
52	Testing of Randomness of the Numbers Generated by Fisher and Yates: Run Test	Dhritikesh Chakraborty	Statistics	<i>International Journal of Innovative Research in Science, Engineering and Technology, 4(12)</i>	2015	ISSN (Print): 2347 – 6710, ISSN (Online): 2319 – 8753	4(12):11956-11958	http://www.ijirset.com/upload/2015/december/40_Testing.pdf
53	Examination of Proper Randomness of the Numbers Generated by Rand Corporation: t-Test	Dhritikesh Chakraborty	Statistics	<i>International Journal of Innovative Research in Science, Engineering and Technology, 4(10)</i>	2015	ISSN (Print): 2347 – 6710, ISSN (Online): 2319 – 8753	4(10):9536-9540	http://www.ijirset.com/upload/2015/october/7_Examination.pdf
54	Method of Least Squares in Reverse Order: Fitting of Linear Curve to Average Minimum Temperature Data at Guwahati and Tezpur	Dhritikesh Chakraborty	Statistics	<i>Arya Bhatta J. Math. & Info. 7(2)</i>	2015	ISSN (Print): 0975 – 7139, ISSN (Online): 2394 – 9309	7(2):305-312	http://www.indianjournals.com/ijor.aspX?target=ijor:abjmimi&volume=7&issue=2&article=011
55	Basian-Markovian Principle in Fitting of Quadratic Curve	Dhritikesh Chakraborty	Statistics	<i>International Research Journal of Natural and Applied Sciences, 2(6)</i>	2015	ISSN (Print): 0975 – 7139, ISSN (Online): 2394 – 9309	2(6):186-190	https://1library.net/document/zgg7v27z-basian-markovian-principle-in-fitting-of-quadratic-curve.html

56	Testing of Randomness of the Numbers Generated by Fisher Yates	Dhritikesh Chakraborty	Statistics	<i>Arya Bhatta J. Math. & Info.</i> 7(1):	2015	ISSN (Print): 0975 – 7139, ISSN (Online): 2394 – 9309	7(1):87-90	https://www.indianjournals.com/ijor.aspx?target=ijor:abjmmi&volume=7&issue=1&article=011
57	Testing of Proper Randomness of the Numbers Generated by Kendall and Babington Smith: t-Test	Dhritikesh Chakraborty	Statistics	<i>Arya Bhatta J. Math. & Info.</i> 7(2)	2015	ISSN (Print): 0975 – 7139, ISSN (Online): 2394 – 9309	7(2):365-368	https://www.indianjournals.com/ijor.aspx?target=ijor:abimmi&volume=7&issue=2&article=019
58	Application of Normal Probability Distribution in Estimating Annual Maximum and Minimum Temperature in the Context of Assam	Dhritikesh Chakraborty	Statistics	<i>International Research Journal of Mathematics, Engineering & IT</i> , 2(3)	2015	ISSN: 2277-5528	2(3):9-22	https://www.mbsresearch.com/files/journals/2015/Mar/cPLdL16zV0fLBI1.pdf
59	Basian-Markovian Principle in Fitting of Linear Curve	Dhritikesh Chakraborty	Statistics	<i>International Journal Of Engineering And Science</i> , 4(6):	2015	ISSN (Online): 2319 – 1813 ISSN (Print): 2319 – 1805	4(6):31-43	https://www.researchgate.net/profile/Dhritikesh-Chakrabarty/publication/322896632_Basian-Markovian_Principle_in_Fitting_of_Linear_Curve/links/5a7c6293aca272669a2cd430/Basian-Markovian-Principle-in-Fitting-of-Linear-Curve.pdf
60	Confidence Interval of Annual Extremum of Ambient Air Temperature at Guwahati	Dhritikesh Chakraborty	Statistics	<i>J. Chem. Bio. Phy. Sci., Sec. C</i> , 6(1)	2015	ISSN (Online): 2249 – 1929	6(1):192-203	https://www.researchgate.net/publication/322797101_Confidence_Interval_of_Annual_Extremum_of_Ambient_Air_Temperature_at_Guwahati
61	A Method of Finding True Value of Parameter from Observation Containing Itself and Chance Error	Dhritikesh Chakraborty	Statistics	<i>Indian Journal of Scientific Research and Technology</i> , 3(4)	2015	ISSN (Online): 2321-9262	3(4):14-21	https://www.researchgate.net/publication/322797290_A_Method_of_Finding_True_Value_of_Parameter_from_Observation_Containing_Itself_and_Chance_Error
62	Testing of Proper Randomness of the Table of Number Generated by M. G. Kendall and B. Babington Smith (1939).	Dhritikesh Chakraborty	Statistics	<i>International Journal of Engineering Sciences & Research Technology</i> , 4(2)	2015	ISSN: 2277-9655	4(2):260-282	https://www.researchgate.net/publication/322862036_Testing_of_Proper_Randomness_of_the_Table_of_Number_Generated_by_M_G_Kendall_and_B_Babington_Smith_1939

63	Testing of Randomness of the Numbers Generated by Fisher and Yates: Run Test	Dhritikesh Chakraborty	Statistics	<i>International Journal of Innovative Research in Science, Engineering and Technology</i> , 4(12)	2015	ISSN (Print): 0975 – 7139, ISSN (Online): 2394 – 9309	4(12):11956-11958	https://www.researchgate.net/publication/322862305_Testing_of_Randomness_of_the_Numbers_Generated_by_Fisher_and_Yates_Run_Test
64	Method of Least Squares in Reverse Order: Fitting of Linear Curve to Average Maximum Temperature Data at Guwahati and Tezpur	Dhritikesh Chakraborty	Statistics	<i>International Journal in Physical & Applied Sciences</i> , 2(9)	2015	ISSN: 2394-5710	2(9), 24-38	https://www.researchgate.net/publication/322896557_Method_of_Least_Squares_in_Reverse_Order_Fitting_of_Linear_Curve_to_Average_Maximum_Temperature_Data_at_Guwahati_and_Tezpur
65	Examination of Proper Randomness of the Numbers Generated by L.H.C. Tippett (1927).	Dhritikesh Chakraborty	Statistics	<i>IOSR Journal of Mathematics</i> , 11 (3)	2015	ISSN (Online): 2278-5728, ISSN (Print): 2319-765X	11(3):35-37	https://www.researchgate.net/publication/322917090_Examination_of_Proper_Randomness_of_the_Numbers_Generated_by_LHC_Tippett_1927
66	Testing of Proper Randomness of the Numbers Generated by Kendall and Babington Smith: t-Test	Dhritikesh Chakraborty	Statistics	<i>Arya Bhatta J. Math. & Info.</i> 7(2)	2015	E- ISSN: 2249 –1929	7(2):213-226	https://www.researchgate.net/publication/322937034_Testing_of_Proper_Randomness_of_the_Numbers_Generated_by_Kendall_and_Babington_Smith_t-Test
67	Elimination of Parameters and Principle of Least Squares: Fitting of Linear Curve to Average Maximum Temperature Data in the Context of Assam	Dhritikesh Chakraborty	Statistics	<i>The Arya Bhatta J. Math. & Info.</i> 7(1)	2015	ISSN: 2349-0322	7(1):23-28	https://www.researchgate.net/publication/323143195_Elimination_of_Parameters_and_Principle_of_Least_Squares_Fitting_of_Linear_curve_to_Average_Maximum_Temperature_Data_in_the_Context_of_Assam
68	Elimination of Parameters and Principle of Least Squares: Fitting of Linear Curve to Average Minimum Temperature Data in the Context of Assam	Dhritikesh Chakraborty	Statistics	<i>International Journal of Engineering Sciences & Research Technology</i> , 4(2):	2015	ISSN: 2277-9655	4(2):255-259	https://www.researchgate.net/publication/323143279_Elimination_of_Parameters_and_Principle_of_Least_Squares_Fitting_of_Linear_Curve_to_Average_Minimum_Temperature_Data_in_the_Context_of_Assam
69	Testing of Proper Randomness of the Table of Number Generated by Rand Corporation (1955)	Dhritikesh Chakraborty	Statistics	<i>International Journal of Engineering Sciences & Management</i> , 5(1)	2015	ISSN: 2227-9105	5(1):92-96	https://www.researchgate.net/publication/323689093_Testing_of_Proper_Randomness_of_the_Table_of_Number_Generated_by_Rand_Corporation_1955

70	Macromolecular System with MSA-Capped CdTe and CdTe/ZnS Core/Shell Quantum Dots as Superselective Ultrasensitive Optical Sensors for Picric Acid Explosive	Dilip Saikia	Physics	<i>Appl. Mater. Interfaces, 7</i>	2015	24778-24790. DOI: 10.1021/ACSAMI.5B07660	7(44):24778–24790	https://pubs.acs.org/doi/10.1021/acsami.5b07660
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141	Confidence Interval of Annual Extremum of Ambient Air Temperature at Guwahati",	Dhritikesh Chakraborty	Statistics	<i>Journal of Mathematics and SysteSciences</i>	2016	0975 – 5454	12(1-2):1-10	https://www.researchgate.net/publication/322937345_Confidence_Interval_of_Annual_Extremum_of_Ambient_Air_Temperature_at_Guwahati
142	A Table of Two-Digit Random Numbers	Dhritikesh Chakraborty	Statistics	<i>AryaBhatta J. Math. & Info</i>	2016	(ISSN (Print): 0975 – 7139, ISSN (Online): 2394 – 9309)	8(1):63-74	https://www.researchgate.net/publication/329519699_A_Table_of_Two-Digit_Random_Numbers
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145	CdTe/ZnS Core/shell Quantum dot based ultrasensitive PET sensor for selective detection of Hg (II) in aqueous media	Dilip Saikia	Physics	<i>Sensors and Actuators B, 2016, 230</i>	2016	0925-4005	230:149-156	https://www.sciencedirect.com/science/article/abs/pii/S092540051630185X
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