1. Principal Investigator - Dr. Shinjinee Das Gupta, Assistant Professor in Physics.
Title of minor Research project- Role of intruder orbitals for generation of high spin states in mass 190 region
Sponsoring Agency of minor Research project- UGC-DAE-CSR, KC
Period: 01/06/2019-31/05/2022

Publications:

Sl. No.	Title of Papers	Journals with Volume, Number and Page Number	ISSN/ISBN
1	Spectroscopic study of ^{197}Hg	*Proc. DAE Symp. Nucl. Phys. Vol.64, (2019), 182*	-
2	Yrast and non-yrast Spectroscopy of N=117, ^{197}Hg nucleus	*Proc. DAE Symp. Nucl. Phys. Vol. 65, (2019), 54*	-

2. Principal Investigator - Dr. Debjani Das (Ghosh), Associate Professor in Zoology
Title of minor Research project- "Studies on Bio-monitoring of soil quality with Ants as indicator in Gorumara forest region"
Sponsoring Agency of minor Research project-UGC
Period : 18/03/2014 to 18/03/2016

Publications:

1. Species Composition in Ants: its Role in Biomonitoring the Ecosystem of Gorumara National Park Area. Journal of Emerging Technologies and Innovative Research, Vol. 6, Issue-1, January, 2019. ISSN: 23495162, UGC approved. Peer Reviewed, Impact Factor-5.87.

2. A chapter "Colonisation of Ants in Gorumara National Park region" in the Book entitled, "Environmental Impacts on health: towards a better future," Published by Bangabasi Morning College, Kolkata, Publisher, Readers Service (ISBN:978-93-82623-51-7) at UGC Sponsored National Conference.

3. Presented paper entitled, "the relationship of ant species with the edaphic factors in Gorumara forest areas" in the International Conference (INTZOOCON 2018), Dept of Zoology, University of Calcutta, 1st-3rd Feb, 2018.

4. Abstract on "Studies on Bio-monitoring of soil quality with Ants as indicator in Gorumara forest region" published at the "4th Indian Biodiversity Congress", Pondicherry University, Puducherry, 10th- 12th March, 2017.

3. Principal Investigator - Dr. Subhendu Chandra, Associate Professor in Physics
Title of minor Research project- Surface Enhanced Raman Scattering (SERS) study of some bilogically significant sulphur containing organic molecules adsorbed on silver and gold nanoparticles.
Sponsoring Agency of minor Research project-UGC
Period: 18/03/2014 to 18/03/2016

<u>Publication:</u>

Subhendu Chandra , Joydeep Chowdhury, Manash Ghosh."Adsorption and trace detection of pharmacologically significant 5-methylthio-1,3,4-thiadiazole-2-thiol molecule adsorbed on silver nanocolloids and understanding the role of Albrecht's "A" and Herzberg-Teller contributions in the SERE spectra". Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy Year: 2015 Vol. No: 135, Page No: 935–946, ISSN: 1386-1425.

4. Principal Investigator - Dr. Anjana Bhattacharyya, Assistant Professor in Mathematics
Title of minor Research project- Investigations on different kinds of operators, multifunctions and covering properties in fuzzy setting
Sponsoring Agency of minor Research project-UGC
Period : 18/03/2014 to 18/03/2016

Publications:

Sl. No.	Title of Papers	Journals with Volume, Number and Page Number	ISSN/ISBN
1	f g- Reguler and f g-Normal Spaces	International Journal of Engineering and Scientific Research, Vol.2, Issue 7 (July 2014), 122-132	2347-6532
2	s * - Closure Operator and s* - Regularity in Fuzzy Setting	International Journal of Pure and Applied Mathematics, vol. 90, No. 2 (2014), 279-288	1311-8080
3	Fuzzy -Irresolute Mapping	International Research Journal of Mathematics, Engineering and IT, Vol. 7, Issue 7 (November, 2014), 30-37	2349-0322
4	Fuzzy Upper and Lower - Continuous Multifunctions	"VasileAlecsandri" University of Bacáu, Faculty of Sciences, Scientific Studies and Research, Series Mathematics and Informatics, Vol. 25, No. 1 (2015), 125-144	2067-3566
5	-Closure Operator and -Regularity in Fuzzy Setting	MathematicaMoravica, Vol. 19, No. 1 (2015), 131-139	1450-5932
6	Fuzzy -Continuous Multifunctions	International Journal of Advance Research in Science and Engineering, Vol. 4, Issue 2 (February 2015), 195-209	2319-8354
7	--Almost Compactness For Crisp Subsets of a Fuzzy Topological Space	International Journal of Engineering and Scientific Research, Vol. 3, Issue 4 (April 2015), 94-105	2347-6532
8	On -Closed Sets, -Continuity and --Almost Compactness For Crisp Subsets of a Fuzzy	AnaleleUniversităţii Oradea, Fasc. Matematica, Tom XXIII, Issue No. 1 (2016), 81-85	1221-1265

		Topological Space		
9	Several Concepts of Fuzzy Generalized Continuity in Fuzzy Topological Spaces	AnaleleUniversităţii Oradea, Fasc. Matematica, Tom XXIII, Issue No. 2 (2016), 57-68	1221-1265
10	Fuzzy Generalized Continuity	Annals of Fuzzy Mathematics and Informatics, Vol. 11, No. 4 (April 2016), 645-659	2093-9310
11	On --Almost Compactness For Crisp Subsets in a Fuzzy Topological Space	Bull. Cal. Math. Soc., Vol. 108, No. 1 (2016), 77-86	0008-0659
12	On -Closed Sets, -Continuity and --Almost Compactness For Crisp Subsets of a Fuzzy Topological Space	International Research Journal of Mathematics, Engineering and IT, Vol. 3, Issue 3 (March 2016), 1-7	2349-0322
13	Fuzzy Upper and Lower Almost Contra-Continuous Multifunctions	The Journal of Fuzzy Mathematics, Vol. 24, No. 2 (2016), 387-402	1066-8950
14	-Closed Sets and - Continuous Functions in Fuzzy Topological Spaces	"VasileAlecsandri" University of Bacáu, Faculty of Sciences, Scientific Studies and Research, Series Mathematics and Informatics, Vol. 26, No. 2 (2016), 95-114	2067-3566
15	Several Concepts of Continuity in Fuzzy Setting	E-Proceeding, The 10th International Conference MSAST, December 21-23 (2016), 282-293	978-81-925832-4-2
16	Fuzzy Regular Generalized - Closed Sets and Fuzzy Regular Generalized - Continuous Functions	Advances in Fuzzy Mathematics, Vol. 12, No. 4 (2017), 1047-1066	0973-533X
17	Fuzzy Generalized Closed Sets in a Fuzzy Topological Space	The Journal of Fuzzy Mathematics, Vol. 25, No. 2 (2017), 285-301	1066-8950
18	Fuzzy Weakly -Closed Functions	Analele Universităţii Oradea, Fasc. Matematica, Tom XXIV, Issue No. 1 (2017), 147-153	1221-1265
19	Several Concepts of Continuity in Fuzzy	Annals of Fuzzy Mathematics and Informatics, Vol. 13, No. 2 (February 2017), 213-229	2093-9310

	-Space		
20	Some Different Types of Fuzzy Normal Spaces	Analele Universităţii Oradea, Fasc. Matematica, (Accepted for Publication)	1221-1265
21	Fuzzy Almost -Continuous and Almost -Continuous Functions	AnaleleUniversităţii Oradea, Fasc. Matematica, (Accepted for Publication)	1221-1265

5. Principal Investigator - Dr. Farhat Ara Kahkashan , Associate Professor in Urdu
Title of minor Research project- Impact of Partition on Urdu Literature, (Prose and poetry)
Sponsoring Agency of minor Research project-UGC
Period : 01/05/2014 to 30/04/2016

<u>Publication:</u>
A chapter entitled "Intezar Hunain Ke Novelonmein Taqseem-e-Hind ke Asraat" in the Proceedings of National seminar published by West Bengal Urdu Academy (ISBN: 978-93-84286-37-8)

6. Principal Investigator - Dr. Dipanwita Paul, Associate Professor in Mathematics
Title of minor Research project- Mathematical models of ecological communities undergoing competition
Sponsoring Agency of minor Research project-UGC
Period: 29/03/2005 to 28/03/2007

<u>Publication:</u>
1. D. Paul and K. Paul, Persistence in a detritus-based food chain model, Mathematical Forum, Vol.13, (2011), 01-16.