



# SHRI RAMASAMY MEMORIAL UNIVERSITY SIKKIM

Tadong, Gangtok, East Sikkim – 737102

RESEARCH & DEVELOPMENT CELL

**KHOJ-2023**

**Group A**

Group/Time	Room No	Departments /Schools	Presenter and Title of the Paper	
<b>Group A</b> BL: 10:15 am to 1:00 pm  AL: 2:00 pm to 4:00 pm	502	Management, Commerce, HTM, Economics	BL: Students	“Advantages and Disadvantages of Projective Techniques” - <b>Shradha Chettri</b> , Bivek Kumar Gupta, Raymond Das, Pranay Chhetri, Asher Darnal, Leenus Mukhia, Adarsh Rai  “Understanding Customer Culinary Preferences on Visiting Resturants in Gangtok” - <b>Ms. Supriya Singh</b>  “Consideration made while deciding to buy a smart mobile phone in Gangtok”- <b>Ms. Sawri Agarwal</b>  “Environmental Consideration” - <b>Sardonex Tamang</b> , Ezakar Gurung, Nisha Tamang, Simron Rai, Srijana Sharma  “Tea consumption and preferences in Gangtok” - Gourav Chettri, Hritik Narjinary, Sumit Kumar Gupta, Mridula Sengupta, Nilam Sharma, Saurav Pariyar, <b>Sonam Bhardwaj</b>  “Tourist Attitude Towards Sustainable Tourism Practices and Revisit Intention of Gangtok, India” – <b>Mr. Timothy Rai</b>
			Research Assistants	“A Study on Rural Livelihood of People in Patuk-Singbel Village, East Sikkim” - <b>Ms. Anamika Pandey</b>

				<p>“Livelihood Prospect of Dairy Farming: A Case Study of Suminlingzey GPU, East Sikkim” - <b>Ms. Ganga Maya Chettri</b></p>
			Research Scholars	<p>“Enhancing Service Quality: A Literature Review” - <b>Ms. Arati Sharma Mishra</b></p> <p>“Credit Risk Management: A study of Credit Deposit Ratio of Commercial Banks in Sikkim” - <b>Mr. Nitesh Roy</b></p> <p>“Factor Determining Perception and Destination Management: Special Reference to Tourists of Sikkim” - <b>Mr. Urgen Manger</b></p> <p>“Livelihood Activities of Self – Help Groups (SHGs) and Empowerment of Women – A Study with Special Reference to SHGs from Sikkim” - <b>Mr. Amit Kumar Dutta</b></p> <p>“A Study on Efficiency of Public Food Distribution System in Sikkim State” - <b>Ms. Pragya Tamang</b></p> <p>“Awareness of Corporate Social Responsibility in the East District of Sikkim” - <b>Ms. Prashanti Tamang</b></p> <p>“Economic Inequality in India: Trajectory and Transitions” - <b>Mr. Nyima Tenzing</b></p> <p>“Consumer Perception towards Online Shopping in Sikkim: A Review” – <b>Mr. Rakesh Rawat</b></p>
			AL: Faculty Members	<p>“The Impact of Debt Pattern on the Sustainability of Periodic Public Expenditures concerning State of Sikkim using Time Series Analysis” - <b>Dr. Happyson Gachuiwo and Ms. Denchokey Lachungpa</b></p> <p>“Empirical Evaluation on Solvency and Bankruptcy of Selected Registered Farmer Producer Company (FPC) in India” - <b>Dr. Partakson Romun Chiru</b></p> <p>“Multidimensional Poverty in the Indian Himalayan Region; An Inter-Temporal Analysis” - <b>Dr. Niranjan Debnath</b></p>

## Group B

Group/Time	Room No	Departments /Schools	Presenter and Title of the Paper	
<b>Group B</b> BL: 10:15 am to 1:00 pm  AL: 2:00 pm to 4:00 pm	<b>505</b>	Pol. Science, History, Sociology, English, Journalism and Mass Communication	<b>BL: Students</b>	<p>“Catharsis: A formative study on the effects of music and social participation in mental wellbeing” - <b>Mr. Dipanjan Chakraborty</b></p> <p>“Thrithya Prakriti people of third sex: Understanding Homosexuality, Transgender identity and Intersex Condition Through Hinduism: Book review” - <b>Ms. Tejika Chettri</b></p> <p>“Newar Culture: Past and Present” by Shanker Thapa and Punya Prasad Parajuli: A Book Review” - <b>Ms. Narayani Pradhan</b></p> <p>“A Deep dive into the lasting effects of the 1986 Gorkhaland Andolan in Wilfrid Singh’s The Endless Wait” - <b>Mr. Anirudh Gurung</b></p> <p>“Representation of Queer and Racial Identity in Ocean Vuong’s novel On Earth We’re Briefly Gorgeous” - <b>Ms. Sushan Gurung</b></p> <p>“Exploring the Literary Significance and Cultural Impact of J.K. Rowling’s Harry Potter and the Order of the Phoenix” - <b>Ms. Minglum Gurung</b></p> <p>“Green reading of literature: Exploring Ecocriticism through William Rueckert’s lens (Migrations by Charlotte Mcconaghy)” - <b>Ms. Dolly Singh</b></p> <p>“Unveiling The Mystery Behind the Bengali Supernatural Female Entity-Shakchunni” - <b>Ms. Draupadi Roy</b></p> <p>“The Representation of the Male Gaze in Item Songs in Bollywood English” - <b>Ms. Anjali Darjee</b></p> <p>“Time Travel as a Symbol of Healing in Before the Coffee Gets Cold Trilogy” - <b>Mr. Lakpa Doma Bhutia</b></p>

				<p>“Night Stalker: a Psychological Analysis of Richard Ramirez’s Serial Killing Spree” - <b>Ms. Sonam Ukilla</b></p> <p>“An aesthetic view of Kamakhya (Yoni)” - <b>Ms. Deepshika Timsina</b></p> <p>“The Portrayal of Poverty in Jayanta Mahapatra’s Poetry” - <b>Ms. Januka Chettri</b></p> <p>“Universal Values in Coelho’s The Alchemist” - <b>Ms. Muskan Khewa</b></p>
			Research Scholars	<p>“Visual Metaphors and the Marginalised: A Frame Analysis of Mari Selvaraj’s Karnan (2021)” - <b>Mr. Ashwanth Narein</b></p> <p>“Eco Fear &amp; Eco Terrorism in the Dark Deep Woods: A Study of Green Activism as seen in The Overstory by Richard Powers” - <b>Mrs. Kiranmayi Kothapalli</b></p> <p>“A study of Multilingualism among working Communities in Sikkim”- <b>Ms. Manisha Thakuri</b></p>
			<b>AL:</b> Faculty Members	<p>“The Literary Chess Match: Polyphonic Responses of <i>To Kill a Mockingbird</i>” - <b>Ms. Debasmita Sarkar</b></p> <p>“RAP Music and Nostalgia: The Recent Trend of Politics in Nepal?” - <b>Mr. Binod Chhetri</b></p> <p>“Representation of Women in Visual Media: The Shifting Narratives in Hindi Web Series” - <b>Ms. Sonam Sultana Shah</b></p> <p>“Cricket, Masculinity, Punishment, and Destruction: An Insight into Why are the Batsmen the most Popular Cricketers?” - <b>Mr. Hindol Chakraborty</b></p>

## Group C

Group/Time	Room No	Departments /Schools	Presenter and Title of the Paper	
<b>Group C</b> BL: 10:15 am to 1:00 pm	<b>401</b>	Chemistry, Physics, Botany, Zoology, Skill Building, Public Health & Information Technology	<b>BL: Students</b>	<p>“MQTT Protocol for Smart Campus Environment Monitoring”- <b>Mr. Roshan Chettri</b></p> <p>“Real Time Hand Gestures Detection” - <b>Mr. Gaurav Tamang</b></p> <p>“Data Analysis and grade prediction using machine learning for undergraduate students” - <b>Mr. Akash Bharadwaj</b></p>
			Research Assistants	<p>“Photo regulation of Polyamines in <i>Arabidopsis thaliana</i>: in silico and gene expression studies” - <b>Ms. Shrijana Chettri</b></p> <p>“Insight on Phytochemical, Antioxidant, Anti-diabetic and Photo-ageing potential of selected wild berries of Sikkim Himalayas” - <b>Ms. Reena Chhetri</b></p> <p>“Pulsed Laser Ablation in Liquid – A green technique for the synthesis of multicomponent Nanoparticles” - <b>Mr. Sudarshan Sharma</b></p>
			Research Scholars	<p>“Impact of Lifestyle and Technology on Quality of Sleep Among Adults” - <b>Ms. Ojaswani Dubey</b></p> <p>“A study on cloud container and its services” - <b>Mr. P. Sivaramkumar</b></p> <p>“Advancing Security: Hybrid Model Based Human Identification and Recognition System Using Machine Learning Techniques” - <b>Ms. Hemamalini. S</b></p> <p>“Rethinking Strategies to Address Inequity in Immunization” - <b>Mr. Jitumoni Raj Konwar</b></p> <p>“A Secure Block-Chain Based Medical Internet of Things (MIoT) for Healthcare Data Management” – <b>Tamilselvan. T</b></p>

## Group D

Group/Time	Room No	Departments /Schools	Presenter and Title of the Paper	
<b>Group D</b> BL: 10:15 am to 1:00 pm  AL: 2:00 pm to 4:00 pm	<b>403</b>	Chemistry, Physics, Skill Building & Information Technology	<b>BL to AL:</b> Faculty Members	<p>“Holographic Approach to QGP” - <b>Dr. Nishal Rai</b></p> <p>“Thermal Modulation of Structural Disproportionation in Paramagnetic YNiO<sub>3</sub>” – <b>Dr. Himanshu Joshi</b></p> <p>“A Radial Basis Function Techniques for Partial Differential Equation Solving” - <b>Mr. Bikash Thakuri</b></p> <p>“Fabrication of Porphyrin Based Colorimetric Sensor for the Detection of Liver Cirrhosis Biomarker” - <b>Dr. Anup Gurung</b></p> <p>“Graphene like Supramolecular Nanosheet for Electrocatalytic Water Splitting” - <b>Dr. Partha Pratim Bag</b></p> <p>“Machine Learning-Based Analysis of Molar and Enantiomeric Ratios and Reaction Yields Using Images of Solid Mixtures”- <b>Dr. Muthuchamy Murugavel</b></p> <p>“Bioplastics/biodegradable plastics: A possible solution to e-waste management” - <b>Dr. Arnab Maity</b></p> <p>“Effect of static electric fields on liquid water, its structure, dynamics, and hydrogen bond asymmetry: A molecular dynamics simulation study of TIP4P/2005 water model” - <b>Dr. Mahabir Prasad</b></p> <p>“Crystallography and crystallization of Preyssler-type polyoxometalate in presence of non- constituent additives ions” - <b>Dr. Chandan Dey</b></p> <p>“Redefining Vision:A Comprehensive Review of State-of-the-art Object Detection Algorithms using Deep Learning” – <b>Dr. Om Prakash Sharma</b></p>

## Group E

Group/Time	Room No	Departments /Schools	Presenter and Title of the Paper	
<b>Group E</b> BL: 10:15 am to 1:00 pm  AL: 2:00 pm to 4:00 pm	<b>402</b>	Botany, Zoology & Public Health	<b>BL to</b> <b>AL:</b> Faculty	<p>“Conceptualisation of family and support among older persons in West Bengal” - <b>Dr. Kinkar Mandal</b></p> <p>“Polyamine Biosynthesis in Plants: Targets for Stress Tolerance” - <b>Dr. Mandar Sengupta</b></p> <p>“Integrated multi-locus phylogeny, population genetics and habitat distribution modelling approach to understand speciation and extinction threat to critically endangered <i>Nardostachys jatamansi</i> in alpine Himalayas of India” - <b>Dr. Biswajit Bose</b></p> <p>“Molecular mechanism of crosstalk between autophagy and apoptosis in cadmium induced testicular toxicity” - <b>Dr. Harish Panchal</b></p> <p>“Genome-wide identification and characterization of SPX gene family members in <i>Gossypium raimondii</i>” - <b>Dr. Avneesh Kumar</b></p> <p>“Microplastics: An invisible threat to humans and animals” - <b>Dr. S. Thangapandiyan</b></p> <p>“Do Leh Berry (<i>Hippophae rhamnoides</i>) inhabits the state of Uttarakhand, India? Solving taxonomic problems through application of Ecological Niche Modeling” - <b>Dr. Aditya Pradhan</b></p> <p>“Modelling the Habitat Shift of Blood Pheasant in Sikkim Himalaya due to Climate Change” - <b>Dr. Bijoy Chhetri</b></p> <p>“Plant-bird interaction along the land-use gradient in Sikkim, Eastern Himalaya”- <b>Dr. Samjetsabam Bharati Devi</b></p> <p>“Glimpses behind the selection of food by fish” - <b>Dr. Sudarshana Nandi</b></p>

## Group F

Group/Time	Room No	Departments /Schools	Presenter and Title of the Paper	
<b>Group F</b> AL: 2:00 pm to 3:00 pm	<b>501</b>	Special Panel by the School of Social Science	<b>AL:</b> Faculty	<p>“Blowback From 1973: The Third Redistribution of Seats in the Sikkim Assembly” - <b>Dr. Nirvan Pradhan</b></p> <p>“Media Dynamics and Electoral Inducements: An Analysis of Voting Patterns in Sikkim” - <b>Dr. Rajshree Rai</b></p> <p>“The Custom of Marriage by Elopement amongst Nepalis in Sikkim” - <b>Ms. Jashi Maya Gurung</b></p>

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