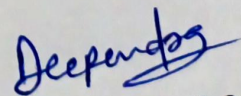




Title of Dissertation/Thesis submitted by M.Sc. IV<sup>th</sup> Semester Students, May - 2023

Sl. No.	Roll No.	Name	Title of Dissertation/Thesis
1.	21MSFT01	Anand Taloh	Production of Wild Coriander ( <i>Eryngium foetidum</i> ) leaf Flakes using Refractance Window drying technique
2.	21MSFT02	Atim Matcha	Refractance Window Drying of Spent Coffee Ground
3.	21MSFT03	Fetar Taku	Screening of essential oils from edible plants for antimicrobial activity, bio-active properties and application in food system
4.	21MSFT06	Licha Rinya	Process optimization and consumer acceptance of gluten free Finger millet-based bread using RSM and Fuzzy logic approaches
5.	21MSFT08	Renam Murtem	Effect of Ultraviolet (UV-C) Radiation on Kiwifruit ( <i>Actinidia</i> spp.) Ready-to-serve (RTS) Juice
6.	21MSFT12	Tatu Gadi	Microbial decontamination of a ready-to-serve starfruit juice ( <i>Averrhoa carambola</i> L.) juice using Ultraviolet – C processing
7.	21MSFT14	Yamey Bagang	Impact of starter cultures combination during fermentation of mixed fruit wine

  
(Dr. D. Rajoriya/डॉ. दी. राजोरिया)  
Head (i/c) विभागाध्यक्ष प्रभारी  
HoD, Food Technology  
RGU, Arunachal Pradesh



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### TO WHOM SOEVER IT MAY CONCERN

This is to certify that **MS. LICHA RINYA D/o LICHA TAKAM** student of **"RAJIV GANDHI UNIVERSITY"** has undergone **Industrial Training** in our **Quality Assurance Department** during the period from **04.07.2022 to 28.07.2022**.

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*Monday, August 01, 2022*

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## **TO WHOM SOEVER IT MAY CONCERN**

*This is to certify that **MS. YAMEY BAGANG D/o DODUM BAGANG** student of "**RAJIV GANDHI UNIVERSITY**" has undergone **Industrial Training** in our **Quality Assurance Department** during the period from **28.06.2022 to 28.07.2022**.*

*During this period she was found punctual, hard working and keen learner.*

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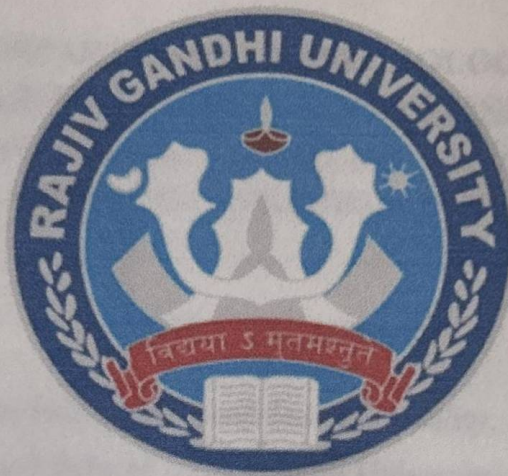
CIN : U55101MH1979PTCO45117

Tel. : 022-2204-1131 • Fax : 022-2204-6106 • E-mail : info.mum@ambassadorindia.com



# **PERSONALITY, ASPIRATION AND PSYCHOLOGICAL WELL-BEING: A STUDY ON YOUNG ADULTS OF RAJIV GANDHI UNIVERSITY**

A Dissertation submitted in partial fulfilment of the requirements for the award of the Degree of  
Master of Arts in Psychology under Faculty of Social Sciences, Rajiv Gandhi University.



**Submitted by**

Name: Miss Amum Bagang

Roll No: RGU/20/PSY/01

Registration No: 63-DBC/14-15

M.A 4<sup>th</sup> semester

Dept. of Psychology

**DEPARTMENT OF PSYCHOLOGY  
RAJIV GANDHI UNIVERSITY**

**RONO HILLS, DOIMUKH-791112  
ARUNACHAL PRADESH, INDIA**

**2022**





**DEPARTMENT OF PSYCHOLOGY  
RAJIV GANDHI UNIVERSITY  
RONO HILLS, DOIMUKH - 791112  
ARUNACHAL PRADESH, INDIA**

**CERTIFICATE**

This is to certify that the Dissertation entitled: Personality, Aspiration and Psychological Well-being: A Study on Young Adults of Rajiv Gandhi University; submitted by Miss Amum Bagang in partial fulfillment of the requirements for the award of the Degree of Masters in Arts in Psychology under the Faculty of Social Sciences, Rajiv Gandhi University, Rono Hills, Doimukh.

This is an original bonafide work carried out by the candidate. This research work has not been previously submitted elsewhere for the awarding of any degree. This Dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 11.07.2022

Place: Department of Psychology, Rajiv Gandhi University.

*Dharmeshwari L.*  
Dr. Dharmeshwari Lourembam  
Name & Signature of

the Head, Department

मनोविज्ञान विभाग

राजीव गांधी विश्वविद्यालय, अरुणाचल प्रदेश

Head Department of Psychology

Rajiv Gandhi University Rono Hills, Doimukh

*Dharmeshwari L.*  
Dr. Dharmeshwari Lourembam  
Name & Signature of the  
Supervisor

**DEPARTMENT OF BOTANY**  
**Rajiv Gandhi University**  
**Rono Hills, Doimukh, Arunachal Pradesh**

**M.Sc. Botany 2nd Semester 2023**

Roll No.	Name	Title of Dissertation	Guide
22MSBOT01	Apo Dohu Noni Dui	Ethnobotanical uses of Pteridophytes	Dr. A. V. Singh
22MSBOT02	Bengia Juru	Algal diversity of rono hills, doimukh	Dr.(Ms) Oyi Dai Nimasow
22MSBOT03	Bidisha Borah	Various types of orchids found in Jorhat district, Assam	Dr. Tonlong Wangpan
22MSBOT04	Bikash Thanglien	Diversity of Citrus sp in sivasagar, Assam	Dr. Tonlong Wangpan
22MSBOT05	Bompi Bagra	Ethnomedicinal plant	Dr. A. V. Singh
22MSBOT06	Dhrubajyoti Rajbongshi	A Study of Some Common Fungal Diseases of Cultivated Vegetables In North	Dr.(Ms.) Tenya Rina
22MSBOT07	Gechak Dingu	To study Algal diversity from Two districts of Arunachal Pradesh	Dr.(Ms) Oyi Dai Nimasow
22MSBOT08	Hage Sumpa	Wild edible fruits of Ziro	Dr. Tonlong Wangpan
22MSBOT09	Janlong Longri	Documentation of some fungal disease on vegetables of changlang district.	Dr.(Ms.) Tenya Rina
22MSBOT10	Jumter Romin	Ethnobotany study of yomcha area,under west siang,A.P	Prof. Hui Tag
22MSBOT11	Jusril Simai	Ethnomedicinal Plants use by Tangsa tribe of Changlang district.	Dr. A. V. Singh
22MSBOT12	Kamin Tayeng	Collection and Taxonomic Identification of Angiospermic Flora of RGU Botanic Garden	Prof. Hui Tag
22MSBOT13	Kasinam Perme	A brief description of fungal pathogen that infects leaf	Prof. Rajiv Kr. Singh
22Msbot14	Likha Tai	Collection and identification of cyperaceae of Doimukh region in Papum pare district of	Prof. Hui Tag
22MSBOT15	Madhavi Ojha	Aromatic plants used by adi community of pasighat	Dr. Tonlong Wangpan
22MSBOT16	Malaya Das	Ethnomedicinal plants used by the people of Lakhimpur district	Dr. A. V. Singh
22MSBOT17	Md Akheruzzaman	Wild edible plants of Rono Hills, Arunachal Pradesh	Prof. Sumpam Tangjang
22MSBOT18	Miding Pertin	The Edible Plants of Adi Tribe of Lower Dibang Valley District of Arunachal Pradesh	Prof. Sumpam Tangjang



22MSBOT19	Minam Siram	Plant used in Traditional and Religious Practices by member of Adi community	Dr.(Ms.) Heikham Evelin
22msbot21	Ogam Burang	Babusicolous fungi	Prof. Rajiv Kr. Singh
22MSBOT22	Okitlu Khamblai	Plant pathology	Dr.(Ms.) Tenya Rina
22MSBOT25	Pratik Barua	Floral diversity of silsako beel , narangi , assam	Prof. Hui Tag
22MSBOT28	Sayalso Bellai	Bambusicolous Fungi Of Rono Hills	Prof. Rajiv Kr. Singh
22MSBOT28	Sayalso Bellai	Bambusicolous fungi of rono hills	Prof. Rajiv Kr. Singh
22MSBOT31	Ujashwani Bora	To study the pathogen of various tree leaves	Prof. Rajiv Kr. Singh

**(Prof. R.K. Singh)**  
**Head**  
**Deaprtment of Botany**  
**Rajiv Gandhi University**

**DEPARTMENT OF BOTANY**  
**Rajiv Gandhi University**  
**Rono Hills, Doimukh, Arunachal Pradesh**

**M.Sc. Botany 4th Semester 2023**

<b>Roll No.</b>	<b>Name</b>	<b>Title</b>	<b>Guide</b>
21MSBOT01	Abing Pertin	Ethno-medicinal plant of Lower Dibang Valley	Dr. A. V. Singh
21MSBOT02	Aimi Mingki	Ethnobotanically Important Plants Used By Adis Of Pangkang Village, Siang District, Arunachal Pradesh	Dr. A. V. Singh
21MSBOT03	Bagang Martha	Ethnobotanical plants of Papum Pare District	Prof. Hui Tag
21MSBOT04	Chunam Aniyam	To study arbuscular mycorrhizal fungal association in some bryophytes species	Dr.(Ms.) Heikham Evelin
21MSBOT05	Gede Basar	Time course study of laccase production by Trametes spp. Under SSF and partial characterization of enzymatic activity.	Prof. Rajiv Kr. Singh
21MSBOT06	Geyam Danggen	Collection of algae from different habitat	Dr.(Ms) Oyi Dai Nimasow
21MSBOT07	Hangliam Lowang	Diversity, Structure and Function of Traditional Agroforestry systems in rural landscape of Tirap district	Prof. Sumpam Tangjang
21MSBOT08	Lenzing Pertin	Antifungal activity of selected indigenous medicinal plants	Dr. Bibhuti Bhashan Das
21MSBOT09	Litlong Nokbi	Agricultural and horticultural crops and income variability among farmers in Arunachal Pradesh	Prof. Sumpam Tangjang
21MSBOT10	Loknath Chettry	Fungal disease of some common cultivated vegetables of silapathar (dimow)	Dr.(Ms.) Tenya Rina
21MSBOT11	Mayrin Mossang	Ethnomedicinal plants used by tangsa tribe of changlang district	Dr. A. V. Singh



21MSBOT012	Mingam Lombi	Isolation and morphological characterization of soil fungi from jhum cultivated field	Dr.(Ms.) Tenya Rina
21MSBOT13	Momi Tatin	Collection, identification & documentation of selected genera of Xylariales from Namdapha National Park, Changlang district, A.P, India	Prof. Rajiv Kr. Singh
21MSBOT14	Nimum Ratan	Grain Diversity Of Rice Landraces of Namsai District of Arunachal Pradesh	Dr. Tonlong Wangpan
21msbot15	Osunam Zirdo	Quantification of mycorrhizal association in wild edible fruits used by adi community of lower dibang valley of Arunachal Pradesh	Dr.(Ms) Oyi Dai Nimasow
21MSBOT16	Oyam Litin	Diversity of tree species composition in Traditional Agroforestry Systems in Yingkiong, Upper Siang District	Prof. Sumpam Tangjang
21MSBOT17	Pakgam N Lendo	Ethnobotanical Investigation on the Galo Tribe of Lower Siang District, Arunachal Pradesh	Prof. Hui Tag
21MSBOT18	Phupang Wangpan	Study on soil fungal diversity and identification from forest and disturbed ecosystem	Dr. Bibhuti Bhashan Das
21MSBOT19	Porismita Hazarika	Diversity and extracellular enzyme activity of endolichenic fungi isolated from two macrolichen species of Jorhat district, Assam	Dr. Tonlong Wangpan
21MSBOT20	Rankita Borah	Ethnomedicines used by the Tea Tribes of Dibrugarh, Assam	Prof. Hui Tag
21MSBOT021	Riya Pando	Polypore diversity in Namdapha	Prof. Rajiv Kr. Singh
21msbot22	Ronie Yafa	Grain diversity and land races of east kameng district	Dr. Tonlong Wangpan
21MSBOT25	Tailang Taba	Ethnobotanical Studies of the Wild Vegetables Consumed by the Nyishi and Apatani Tribes of Arunachal Pradesh, India	Dr. Tonlong Wangpan

21MSBOT26	Toko Rinya	Ethnomedicinal plants used by Nyishi tribe of Papumpare district of Arunachal Pradesh, India.	Prof. Hui Tag
21MSBOT27	Turanjyoti Baruah	Fungal disease of some common cultivated vegetables of Dhakuakhana, Lakhimpur district, Assam	Dr.(Ms.) Tenya Rina
21MSBOT28	Yalen Muang	Study of Ethnomedicinal plants of East Siang	Prof. Hui Tag

**(Prof. R.K. Singh)**  
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**Department of Botany**  
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### CERTIFICATE

This is to certify that MS.AMA TACHA, a bona-fide student of sixth semester B.Sc. (H) Geology bearing roll number 20GEOL01 and registration number 01-B.Sc/GEO 2020-21 carried out a project work titled "GEOLOGICAL STUDY OF SIWALIK GROUP OF GROUPS IN AND AROUND HOLLONGI AREA", under the supervision and guidance of Dr.MOUSUMI GOGOI, as a partial fulfilment of the requirement for the award of the degree of Bachelor of Science (Honours) in Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 12/06/2023

Place: RGU, RONO HILLS, DOIMUKH

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Rajiv Gandhi University  
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Assistant professor  
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Arunachal Pradesh

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## CERTIFICATE

This is to certify that Mr.**BANI JOPIR**, a bona-fide student of sixth semester B.Sc. (H) Geology bearing roll number 20GEOL02 and registration number 02-B.Sc/Geo/2020-21 carried out a project work titled “**Petrography and generation of Fe-Ti Oxide in Basaltic rock of Rajmahal traps**”, under the supervision and guidance of **Dr. Saurodeep Chatterjee**, as a partial fulfilment of the requirement for the award of the degree of Bachelor of Science (Honours) in Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date:

Place:

**Dr. Chandra Sekaran M**  
**The Head**  
Assistant Professor  
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## CERTIFICATE

This is to certify that Mr./Ms. Bhagyashree Hazarika, a bona-fide student of sixth semester B.Sc. (H) Geology bearing roll number 20GEOL03 and registration number 03-B.Sc/Geo/2020-21 carried out a project work titled "Spatio-temporal Variability of Lower Reach of Ranganadi River in North-East India: A Remote Sensing and GIS approach", under the supervision and guidance of Dr. Anwarul Alam Laskar, as a partial fulfilment of the requirement for the award of the degree of Bachelor of Science (Honours) in Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.


This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 09/06/2023

Place: Rajiv Gandhi University, Rono Hills, Doimukh

  
**The Head**  
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Name of Supervisor  
Dr. Anwarul Alam Laskar  
Assistant Professor  
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अरुणाचल प्रदेश - ७९१११२/ Arunachal Pradesh - 791 112

### CERTIFICATE

This is to certify that Mr. CHOW WEIN CHAUPOO, a bona-fide student of sixth semester B.Sc. (H) Geology bearing roll number 20GEOL04 and registration number 04- B.sc/Geol 2020-21 carried out a project work titled "Petrography of Siwalik Group of Rocks in Kimin area, Papum Pare District Arunachal Pradesh", under the supervision and guidance of Dr. CHANDRA SEKARAN M.(HOD), as a partial fulfilment of the requirement for the award of the degree of Bachelor of Science (Honours) in Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.


This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 12/06/2023

Place: RONO HILLS, DOIMUKH

  
Head

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Arunachal Pradesh

  
Dr. Chandra Sekaran M.  
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## CERTIFICATE

This is to certify that Ms. **DEEPAMONI DOLEY**, a bona-fide student of sixth semester B.Sc. (H) Geology bearing roll number **20GEOL05** and registration number **05-B.Sc/GEO/20202021** carried out a project work titled **“GENERAL GEOLOGICAL STUDY OF SIWALIK GROUP OF ROCKS IN THE GEOTRANSECT-YUPIA TO HOLLONGI, PAPUMPARE DISTRICT OF ARUNACHAL PRADESH 791112”**, under the supervision and guidance of Dr. **MOUSUMI GOGOI**, as a partial fulfilment of the requirement for the award of the degree of Bachelor of Science (Honours) in Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 12/06/2023

Place: R.G.U

  
26/06/2023

The Head (1/c)

Department of Geology  
Rajiv Gandhi University  
Arunachal Pradesh

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## CERTIFICATE

This is to certify that **Ms. Nanu Uli** and **Ms. Obinam Perme**, a bona-fide student of sixth semester B.Sc. (H) Geology bearing roll number 20GEOL07 and 20GEOL08 and registration number 07-B.Sc/Geo/2020-21 and 08-B.Sc/Geo/2020-21 respectively carried out a project work titled "Perple\_X Pseudosection Modelling of rocks of Lohit Plutonic Complex Eastern Himalaya", under the supervision and guidance of **Dr. Chandra Sekaran M (Head)**, as a partial fulfilment of the requirement for the award of the degree of Bachelor of Science (Honours) in Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 12/06/2023

Place: Rono Hills, Doimukh

**Dr. Chandra Sekaran M**  
**Head**  
Assistant Professor  
Department of Geology  
Rajiv Gandhi University  
Arunachal Pradesh

**Dr. Chandra Sekaran M**  
Assistant Professor  
Department of Geology  
Rajiv Gandhi University  
Arunachal Pradesh



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### CERTIFICATE

This is to certify that **Ms. Peni Muri**, a bona-fide student of sixth semester B.Sc. (H) Geology bearing roll number **20GEOL09** and registration number **09-B.Sc/GEO/2020-2021** carried out a project work titled "**Hypsometric Analysis of Pachin Basin**", under the supervision and guidance of **Dr. Anwarul Alam Laskar**, as a partial fulfilment of the requirement for the award of the degree of Bachelor of Science (Honours) in Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 9<sup>th</sup> June 2023

Place: RGU

Dr. Chandra Shekaran M  
**Head**  
Assistant Professor  
Department of Geology  
Rajiv Gandhi University  
Arunachal Pradesh

Dr Anwarul Alam Laskar  
Assistant Professor  
Department of Geology  
Rajiv Gandhi University  
Arunachal Pradesh

विभागाध्यक्ष/Head  
भूविज्ञान विभाग/Dept. of Geology  
राजीव गांधी विश्वविद्यालय/Rajiv Gandhi University  
रोनोंहिल्स, दोईमुख/Rono Hills, Doimukh  
अरुणाचल प्रदेश-७९१११२/Arunachal Pradesh-791112





भूविज्ञान विभाग/ DEPARTMENT OF GEOLOGY  
राजीव गांधी विश्वविद्यालय/RAJIV GANDHI  
UNIVERSITY रोनोविल्स, दोईमुख/ Rono Hills, Doimukh  
अरुणाचल प्रदेश – ७९१११२/ Arunachal Pradesh – 791 112

### CERTIFICATE

This is to certify that **Ms. Swami Tatik**, a bona-fide student of sixth semester B.Sc. (H) Geology bearing roll number **20GEOL10** and registration number **10-B.Sc/GEO/2020-2021** carried out a project work titled “**Linear Morphometric Analysis of Pachin Basin**”, under the supervision and guidance of **Dr. Anwarul Alam Laskar**, as a partial fulfilment of the requirement for the award of the degree of Bachelor of Science (Honours) in Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 9<sup>th</sup> June 2023

Place: RGU

  
12/06/2023

Dr. Chandra Shekaran M  
Head  
Assistant Professor  
Department of Geology  
Rajiv Gandhi University  
Arunachal Pradesh

  
09/06/2023

Dr Anwarul Alam Laskar  
Assistant Professor  
Department of Geology  
Rajiv Gandhi University  
Arunachal Pradesh

बिनागाछा/Head  
भूविज्ञान विभाग/Dept. of Geology  
राजीव गांधी विश्वविद्यालय/Rajiv Gandhi University  
रोनोविल्स, दोईमुख/Rono Hills, Doimukh  
अरुणाचल-७९१११२/Arunachal Pradesh-791112







भूविज्ञान विभाग/ DEPARTMENT OF GEOLOGY  
राजीव गांधी विश्वविद्यालय/RAJIV GANDHI UNIVERSITY  
रोनोहिल्स, दोईमुख/ Rono Hills, Doimukh  
अरुणाचल प्रदेश – ७९१११२/ Arunachal Pradesh – 791 112

## CERTIFICATE

This is to certify that Mr. **Tako Doni**, a bona-fide student of fourth semester M.Sc. Geology bearing roll number **20GEOL11** and registration number **11-B.Sc./GEO/2020-21** carried out a project work titled "**Modern Methods of Fabric Analysis Using Anisotropy of Magnetic Susceptibility**", under the supervision and guidance of **Dr Saurodeep Chatterjee**, as a partial fulfilment of the requirement for the award of the degree of Bachelor of Science in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 12<sup>th</sup> June 2023

Place: RGU

HEAD OF THE DEPARTMENT (1/c)

Rajiv Gandhi University

Department of Geology Arunachal Pradesh

Rono Hills, Doimukh

Arunachal Pradesh

Dr. Saurodeep Chatterjee

SUPERVISOR

**Dr. Saurodeep Chatterjee (M. Sc, Ph. D)**  
**Guest Assistant Professor**  
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(A Central University under Minist. Govt. of India)  
Rono Hills, Doimukh, Papum Para 791112  
Arunachal Pradesh, INDIA.  
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विभागप्रमुख/Head  
भूविज्ञान विभाग/Dept. of Geology  
राजीव गांधी विश्वविद्यालय/Rajiv Gandhi University  
रोनोहिल्स, दोईमुख/Rono Hills, Doimukh  
अरुणाचल प्रदेश-७९१११२/Arunachal Pradesh-791112





Department of Commerce  
Rajiv Gandhi University  
Rono Hills, Doimukh – 791112  
Arunachal Pradesh, India

वाणिज्यविभाग  
राजीवगांधीविश्वविद्यालय

रोनोहिल्स, दोईमुख – 791112, अरुणाचलप्रदेश, भारत

Prof. S K Jena  
HoD, Commerce

प्र. संजीव कुमार जेना  
विभागाध्यक्ष

NO. RGU/COMM/05-03/2020

10<sup>th</sup> August'2022

### CIRCULAR

This is to certify that the following students have completed their project (PGDBI) as mentioned as follows:

Roll. No.	Name of the Student	Name of the Project
2021/PGDBI/01	AIDONG PABIN	CUSTOMER'S SATISFACTION ON PRODUCTS AND SERVICES OF IDBI BANK WITH SPECIAL REFERENCE TO ITANAGAR BRANCH
2021/PGDBI/02	BINJA GADI	CUSTOMER'S SATISFACTION ON PRODUCTS AND SERVICES OF IDBI BANK WITH SPECIAL REFERENCE TO ITANAGAR BRANCH
2021/PGDBI/03	CHELLO CHUMKU	CUSTOMER'S SATISFACTION ON PRODUCTS AND SERVICES OF IDBI BANK WITH SPECIAL REFERENCE TO ITANAGAR BRANCH
2021/PGDBI/04	DALANG YANAK	CUSTOMER'S SATISFACTION ON PRODUCTS AND SERVICES OF IDBI BANK WITH SPECIAL REFERENCE TO ITANAGAR BRANCH
2021/PGDBI/05	DONGHUN TAIDONG	CUSTOMER'S SATISFACTION ON PRODUCTS AND SERVICES OF SBI BANK WITH SPECIAL REFERENCE TO DOIUMKH BRANCH AP
2021/PGDBI/06	DONIK ANDREW	BANDHAN BANK
2021/PGDBI/07	GETE KENA	CUSTOMER'S SATISFACTION ON PRODUCTS AND SERVICES OF IDBI BANK WITH SPECIAL REFERENCE TO ITANAGAR BRANCH
2021/PGDBI/08	GONYA DOYE	CUSTOMER'S SATISFACTION ON PRODUCTS AND SERVICES OF IDBI BANK WITH SPECIAL REFERENCE TO ITANAGAR BRANCH
2021/PGDBI/09	IIR TACHUNG	CUSTOMER'S SATISFACTION ON PRODUCTS AND SERVICES OF IDBI BANK WITH SPECIAL REFERENCE TO ITANAGAR BRANCH
2021/PGDBI/10	IJUM BAM	CUSTOMER'S SATISFACTION ON PRODUCTS AND SERVICES OF IDBI BANK WITH SPECIAL REFERENCE TO ITANAGAR BRANCH
2021/PGDBI/11	JONTY PUSANG	CUSTOMER SERVICE POINTS IN NAHARLAGUN ARUNACHAL PRADESH: A DESCRIPTIVE STUDY

S. K. Jena  
10/8/2022



2021/PGDBI/12	KARKOM NYORI	CUSTOMER SERVICE POINT IN ITANAGAR AP FROM GOPHUR TO GANGA MAIN MARKET: DESCRIPTIVE STUDY
2021/PGDBI/13	KIME MAMANG	SAVING BANK ACCOUNT HOLDER'S PERCEPTION TOWARDS MOBILE BANKING: AN ANALYSIS STUDY
2021/PGDBI/14	KINO JIRPU	ACCOUNTS HOLDERS PERCEPTION TOWARD CREDIT CARD
2021/PGDBI/15	KONGAM POTOM	SAVING BANK ACCOUNT HOLDER'S PERCEPTION TOWARDS MOBILE BANKING: AN ANALYTICAL STUDY
2021/PGDBI/16	LIJUM ETE	IMPACT OF BANK MERGER ON BANK EMPLOYEES.
2021/PGDBI/17	MILLO YOUNG	MOBILE BANKING
2021/PGDBI/18	NGABOM GAMLIN	IMPACT OF ONLINE TRANSACTION ON DEBIT CARD DRIVENTRANSACTION : AN ANALYTICAL STUDY
2021/PGDBI/19	NGURI PINI	A STUDY OF COMSUMER USAGE OF PLASTIC MONEY IN INDIA WITH REFERENCE TO INDUSTRIAL DEVELOPMENT BANK OF INDIA ITANAGAR
2021/PGDBI/20	NINLONG CHENA	CUSTOMER PERCEPTION AND AWARENESS OF MOBILE BANKING SERVICES WITH SPECIAL REFERNCE TO SBI GANGA BRANCH AP.
2021/PGDBI/21	NYUMJUM GEYI	A STUDY OF INTERNET BANKING RISKS AND FRAUDULENT ACTIVITIES WITH SPECIAL REFERENCE TO SBI BASAR BRANCH
2021/PGDBI/22	OBANG GAO	A PROJECT REPORT ON LIC IN INDIA
2021/PGDBI/23	PHETAI WANGSA	CUSTOMER'S PERCEPTION TO POST OFFICE BANKING SERVICE WITH REFERENCE TO THE POST OFFICE OF DOIMUKH BRANCH AP
2021/PGDBI/24	RAI AZA	CUSTOMER'S PERCEPTION AND AWARENESS OF MOBILE BANKING SERVICES WITH SPECIAL REFERENCE TO STATE BANK OF INDIA, GANGA BRANCH
2021/PGDBI/25	RIDO AKUM	CUSTOMER'S SATISFACTION TOWARDS INTERNET BANKING OF ICICI NAHARLAGUN BRANCH AP
2021/PGDBI/26	TAI GUNGMA	A STUDY OF COMSUMER USAGE OF PLASTIC MONEY IN INDIA WITH REFERENCE TO INDUSTRIAL DEVELOPMENT BANK OF INDIA ITANAGAR
2021/PGDBI/27	TANIA RAMCHING	CUSTOMER SATISFACTION TOWARDS LIC PRODUCTS AND SERVICES WITH REFERENCE TO LIC OF AP
2021/PGDBI/28	TITCHI TECHI	CUSTOMER'S SATISFACTION ON PRODUCTS AND SERVICES OF PROVIDED BY SBI WITH SPECIAL REFERNCE TO CHANGLANG BRANCH
2021/PGDBI/29	TOKU TATU	EVOLUTION OF CUSTOMER RELATIONSHIP MANAGEMENT WITH SPECIAL REFERENCE SBI AP INDIA
2021/PGDBI/30	YOWA MAYA	CUSTOMER'S SATISFACTION TOWARDS THE USE OF ONLINE PAYMENT METHOD

Sd/- 9ene  
10/8/2022

HoD, Commerce विभागाध्यक्ष, वाणिज्य विभाग  
Rajiv Gandhi University, राजीवगांधी विश्वविद्यालय



**राजीव गांधी विश्वविद्यालय**  
रोनो हिल्स, पी. ओ. दोईमुख - ७९१११२  
(अरुणाचल प्रदेश)

Phone :   
Gram : Aruniversity  
Ref .....  
Date.....

Head  
Department of Computer  
Science and Engineering

**RAJIV GANDHI UNIVERSITY**  
Rono Hills, P.O. Doimukh - 791 112  
(Arunachal Pradesh)

No.CSE/RGU/Aca/2024/183


दिनांक/Date: 12/02/2024

**परिपत्र**  
**Circular**

This is to certify that the following students have undertaken the Research Project/Final Year Project for the academic year 2022-2023 as mentioned in the tables below:

**BCA 6<sup>th</sup> Semester Project Title, 2022-23**

ROLL NO	STUDENT NAME	PROJECT TITLE
20BCA02	BIJOY BANERJEE	Order& Counter (Self order taking and invoice generating system
20BCA03	BISWAJEET DAS	Student Attendance Management System
20BCA04	BITUPAN GOGOI	EASY2LEARN
20BCA05	DEBOJIT RAY	Online Blood Bank Management System
20BCA06	DILIP KUMAR PRAJAPATI	Online Book Store Management System
20BCA07	HEMANTA BORO	Credit Book (Android Application)
20BCA08	KADA YIRANG	Automated Plant Monitoring Robot
20BCA09	KHUKON PEGU	Hotel Management System
20BCA11	PRAVEEN KUMAR KUSHWAHA	Virtual Assistant for University Website
20BCA13	SIDDHARTH KUMAR	Library Management
20BCA15	TAJI DUI	Department Management System

  
12/2/2024

(Dr. Marpe Sora)

डॉ. मारपे सोरा

Head, CSE (कंप्यूटर विज्ञान और अभियांत्रिकी विभाग)

Rajiv Gandhi University

राजीव गांधी विश्वविद्यालय

विभागाध्यक्ष  
कंप्यूटर विज्ञान एवं अभियांत्रिकी  
Head of Dept.  
Computer Science & Engineering







**राजीव गांधी विश्वविद्यालय**  
रोनो हिल्स, पी. ओ. दोईमुख - ७९१११२  
(अरुणाचल प्रदेश)

Phone : \_\_\_\_\_  
Gram : Aruniversity  
Ref : \_\_\_\_\_  
Date : \_\_\_\_\_

Head  
Department of Computer  
Science and Engineering

**RAJIV GANDHI UNIVERSITY**  
Rono Hills, P.O. Doimukh - 791 112  
(Arunachal Pradesh)

No.CSE/RGU/Aca/2024/183

दिनांक/Date: 12/02/2024

**परिपत्र/ Circular**

This is to certify that the following students have undertaken the Research Project/Final Year Project for the academic year 2022-2023 as mentioned in the tables below:

**M.Tech (CSE) 4<sup>th</sup> Semester Project Title, 2022-23**

ROLL NO	STUDENT NAME	PROJECT TITLE
21MTH02	CHANDAN CHETRY	Preterm Birth Early Detection using Machine Learning Model
21MTH03	DORMIE GOGOI	Early Crime Detection using Deep Learning
21MTH04	MUKUNDA MADHAB BORAH	Automatic Speaker Verification
21MTH06	TUNGON DUGI	Microarray Data Analysis: Detection of Biomarkers Responsible for Colon Cancer using Machine Learning Techniques
21MTH07	AAKASH DWIP CHETRY	Hand Sign Detection Using Machine Learning
21MTH08	ABHISHEK PRASAD	Early detection of Alzheimer Disease using Deep Learning Technique
21MTH09	ATUL PACHANI	A New Framework of Deep Learning Based Transfer Learning Models for Detection of Diseases Using Wireless Endoscopy Images
21MTH10	BHASKAR JYOTI SAIKIA	Online payment Fraud Detection using Machine Learning
21MTH11	BOIKUNTHA BHARALI	Organ Donation Using Blockchain
21MTH12	NONYA ANGO	Tai-Khamti Character Recognition using Machine Learning
21MTH13	PUPPY SONAM	Vehicle Number Plate Detection System
21MTH15	TSERING DHONDUP	Human Image Parsing

  
(Dr. Marpe Sora)

Head, CSE (कंप्यूटर विज्ञान और अभियांत्रिकी विभाग)  
Rajiv Gandhi University/ राजीव गांधी विश्वविद्यालय

विभागध्यक्ष  
कंप्यूटर विज्ञान एवं अभियांत्रिकी  
Head of Dept.  
Computer Science & Engineering





**राजीव गांधी विश्वविद्यालय**  
रोनो हिल्स, पी. ओ. दोईमुख - ७९१११२  
(अरुणाचल प्रदेश)

Phone : —  
Gram : Aruniversity  
Ref : —  
Date : —

Head  
Department of Computer  
Science and Engineering

**RAJIV GANDHI UNIVERSITY**

Rono Hills, P.O. Doimukh - 791 112  
(Arunachal Pradesh)

No.CSE/RGU/Aca/2024/183

दिनांक/Date: 12/02/2024

**परिपत्र/ Circular**

This is to certify that the following students have undertaken the Research Project/Final Year Project for the academic year 2022-2023 as mentioned in the tables below:

**MCA 4<sup>th</sup> Semester Project Title, 2022-23**

ROLL NO	STUDENT NAME	PROJECT TITLE
20MCA301	ANUJA SARMAH	E-learning Management System
20MCA304	PINKU BORAH	House Price Prediction using Machine Learning
20MCA305	PRABHAKAR MUDOI	Online shopping website with ML algorithm
20MCA306	PRATISHRUTI BARUAH	Image Forgery Detection
20MCA307	PROSENJIT GOSWAMI	Voice Assistant Using AI & ML
20MCA308	RAHIL AGARWAL	Brain Tumor Detection using Deep learning
20MCA311	TAJUM NIMA	Online Voting system
20MCA312	TASSO TATHO	Pharmacy management system using machine learning
21MCA201	ADITYA DAS	AR based mobile app for 'Notice Board'
21MCA202	AISUM MOYONG	Empowering Smart Agriculture in Arunachal Pradesh using Internet of Things (iot)
21MCA203	ANGSHUMAN KAKATI	Speech emotion recognition using ML
21MCA205	ARUP BASUMATARY	Smart Car Parking System
21MCA206	BIBEK KUMAR DUBEY	Heart Disease Prediction using Machine Learning
21MCA207	BIVASH SINGH	DDoS Attack Detection
21MCA208	HAGE TAMO	Hospital Management System
21MCA209	JOHN CHEDA	CSE helpdesk with ML Chatbot
21MCA210	KAGO MODA	Online Food Ordering
21MCA211	KRISHNA SONAR ROY	Department Management System
21MCA212	KUMAR ANAND RAJ	Pharmacy sales and Inventory System
21MCA214	OYIMANG TATIN	Inventory Management System
21MCA215	TOKU RAJA	Online Web-Base Registration and Data collection in Society Management Website Application
21MCA217	SAURAV SINGH	Course Recommendation System
21MCA221	TAI KAMA	Detecting Fake News Using Machine Learning
20MCA220	TAI JIMI	Library Management System

(Dr. Marpe Sora)

Head, CSE (कंप्यूटर विज्ञान और अभियांत्रिकी विभाग)  
Rajiv Gandhi University/ राजीव गांधी विश्वविद्यालय

विभागाध्यक्ष  
कंप्यूटर विज्ञान एवं अभियांत्रिकी  
Head of Dept.  
Computer Science & Engineering





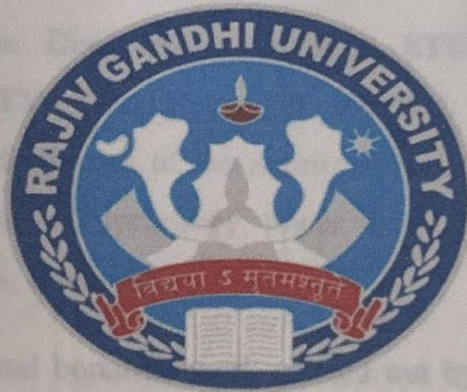
# A STUDY ON RELATIONSHIP BETWEEN PERSONALITY TRAITS AND MUSIC PREFERENCE

A Dissertation is submitted in partial fulfillment of the requirements for the award of the  
Degree of Master of Arts in Psychology under Faculty of Social Sciences, Rajiv Gandhi  
University.

Submitted by

**DANI CHADO**

Roll no- RGU/20/PSY/06



DEPARTMENT OF PSYCHOLOGY

**RAJIV GANDHI UNIVERSITY**

RONO HILLS, DOIMUKH-791112

**2022**

*Dr. Dharmeshwari L.*  
Name & Signature of  
of The Head, Department  
(Dr. Dharmeshwari L. Dhamant)

*Dr. V. S. G. G. G.*  
Name & Signature  
The Supervisor





DEPARTMENT OF PSYCHOLOGY  
**RAJIV GANDHI UNIVERSITY**  
RONO HILLS, DOIMUKH -791112  
ARUNACHAL PRADESH, INDIA

**CERTIFICATE**

This is to certify that the Dissertation entitled: **A STUDY ON RELATIONSHIP BETWEEN PERSONALITY TRAITS AND MUSIC PREFERENCE**; submitted by MR. Dani Chadoin partial fulfilment of the requirements for the award of the Degree of Master of Arts in Department of Psychology, under the faculty of Social Sciences, Rajiv Gandhi University, Rono Hills, Doimukh.

This is an original bonafide work carried out by the candidate. This research work has not been previously submitted elsewhere for the awarding of any degree. This Dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: June 15, 2022

Place: Rono Hills (Doimukh)

*Dharmeshwari L.*

Name & Signature of  
of The Head, Department

(Dr. Dharmeshwari Lourembam)

मनोविज्ञान विभाग  
राजीव गांधी विश्वविद्यालय, अरुणाचल प्रदेश  
Head Department of Psychology  
Rajiv Gandhi University Rono Hills, Doimukh

*Kakali Gawnam*  
(Dr. Kakali Gawnam)  
Name & Signature  
The Supervisor

**शिक्षाविभाग**  
**राजीव गांधी विश्वविद्यालय**  
**रोनो हिल्स 791112-दोईमुख, अरुणाचल प्रदेश**  
**DEPARTMENT OF EDUCATION**  
**RAJIV GANDHI UNIVERSITY, RONO HILLS, DOIMUKH**

**The following students have been undertaken internship programme during the year  
2022-23.**

Sl.No	Roll.No	Name of the Students
1	21/BED/001	Ms. Aakansha Gohain Boruah
2	21/BED/002	Ms. Aina Moyong
3	21/BED/003	Ms. Ajum Yorgo
4	21/BED/004	Mr. Andy Tasing
5	21/BED/005	Ms. Annie Moyong
6	21/BED/006	Ms. Aruna Tamang
7	21/BED/007	Ms. Asha Pertin
8	21/BED/008	Mr. Ashutosh Singh
9	21/BED/009	Ms. Asum Jorang
10	21/BED/010	Mr. Bamin Dailyang
11	21/BED/011	Mr. Belum Tali
12	21/BED/012	Mr. Bhai Pali
13	21/BED/013	Mr. Bless Perme
14	21/BED/014	Mr. Charuk Haji
15	21/BED/015	Mr. Chow Okawon Namchoom
16	21/BED/016	Ms. Chukhu Annam
17	21/BED/017	Ms. Chukhu Ate
18	21/BED/018	Ms. Dani Yassing
19	21/BED/019	Mr. Deepok Lego
20	21/BED/020	Mr. Dipak Chauhan
21	21/BED/021	Mr. Doki Lollen
22	21/BED/022	Ms. Dopi Kato
23	21/BED/023	Mr. Franky Libang
24	21/BED/024	Mr. Gourab Newar
25	21/BED/025	Mr. Guddu Rai
26	21/BED/026	Mr. Gumnya Ete
27	21/BED/027	Ms. Gyamar Metung
28	21/BED/028	Ms. Hage Tatung Swupa
29	21/BED/029	Mr. Hari Barman
30	21/BED/030	Mr. Hevojit Deka
31	21/BED/031	Mr. Hili Siram
32	21/BED/032	Ms. Ishnita Saikia

33	21/BED/034	Mr. Jumdar Bui
34	21/BED/035	Mr. Kago Moda
35	21/BED/036	Mr. Karken Naso
36	21/BED/037	Ms. Kasturi Neog
37	21/BED/038	Mr. Kento Pertin
38	21/BED/039	Ms. Khonsan Machey
39	21/BED/040	Ms. Liagi Yami
40	21/BED/041	Mr. Libom Ori
41	21/BED/042	Mr. Lindum Mama
42	21/BED/043	Ms. Lindum Sita
43	21/BED/044	Ms. Lishi Yana
44	21/BED/045	Ms. Lobsang Dokar
45	21/BED/046	Ms. Logyo Yap
46	21/BED/048	Mr. Mahmodul Hassan
47	21/BED/049	Ms. Mala Hage
48	21/BED/050	Mr. Manash Pratim Borah
49	21/BED/051	Ms. Mantilu Pul Tawsik
50	21/BED/052	Ms. Marluk Kadu
51	21/BED/053	Mr. Martin Siram
52	21/BED/054	Ms. Mary Wangsaham
53	21/BED/055	Mr. Mibom Pertin
54	21/BED/056	Mr. Mihin Hailyang
55	21/BED/057	Ms. Minam Ngukir
56	21/BED/058	Ms. Miti Taku
57	21/BED/059	Ms. Mousomi Sarkar
58	21/BED/060	Mr. Nabam Tayum
59	21/BED/061	Ms. Nang Anjali Mantaw
60	21/BED/062	Ms. Narang Yassa
61	21/BED/063	Mr. Narendra Sonar
62	21/BED/064	Ms. Nyangam Nomuk
63	21/BED/065	Ms. Oliyong Langkam
64	21/BED/066	Ms. Ori Jongkey
65	21/BED/067	Ms. Oyar Ering
66	21/BED/068	Mr. Oyar Paboh
67	21/BED/069	Mr. Oyin Pazing
68	21/BED/070	Ms. Prakriti Yun
69	21/BED/071	Mr. Pakto Yomgam
70	21/BED/073	Mr. Pradeep Sonar
71	21/BED/074	Mr. Prem Chandan Prasad
72	21/BED/075	Mr. Prema Lama
73	21/BED/076	Ms. Priyam Sarmah
74	21/BED/077	Ms. Priyanka Borah
75	21/BED/078	Mr. Reeturaj Moran
76	21/BED/080	Mr. Roshan Parisow
77	21/BED/081	Mr. Sangey Phunchu Bodhi



78	21/BED/082	Mr. Seekang Norbu
79	21/BED/083	Mr. Shivshankar Prasad
80	21/BED/084	Mr. Suraj Kumar Borah
81	21/BED/085	Mr. Surinder Singh
82	21/BED/086	Ms. Tage Dumi
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100	21/BED/104	Ms. Upasana Saikia
101	21/BED/105	Ms. Yaku Ngute
102	21/BED/106	Ms. Yapin Tacha Licha
103	21/BED/107	Ms. Yayem Tamut

# **EXPERIENCE OF ANXIETY IN YOUTH OF ARUNACHAL PRADESH: THE ROLE OF RELIGIOSITY AND EMOTION REGULATION**

A dissertation submitted in partial fulfilment of the requirements for the award of the Degree of Masters of Arts in Psychology under the Faculty of Social Science, Rajiv Gandhi University.

**Submitted by**

**KOJ YARING**

**Roll No. RGU/20/PSY/24**



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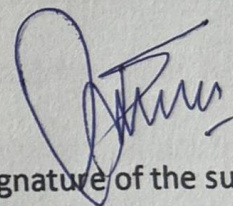
**2022**



## CERTIFICATE

This is to certify that **MS KOJ YARING** has completed her dissertation entitled: **EXPERIENCE OF ANXIETY IN YOUTH OF ARUNACHAL PRADESH: THE ROLE OF RELIGIOSITY AND EMOTION REGULATION** under my supervision for the Degree of Masters of Arts in Psychology under the faculty of Social Sciences, Rajiv Gandhi University.

Date: '



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# ROLE OF RELIGIOSITY AND SELF-ESTEEM IN THE DEATH ATTITUDE OF YOUTHS: A STUDY IN ARUNACHAL PRADESH

A dissertation submitted in the partial fulfillment of the requirements for the  
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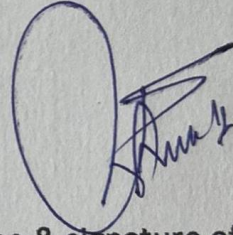
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## CERTIFICATE

This is to certify that MS LILY TANTE has completed her dissertation entitled: ROLE OF RELIGIOSITY AND SELF-ESTEEM IN THE DEARH ATTITUDE OF YOUTHS: A STUDY IN ARUNACHAL PRADESH under my supervision for the Degree of Masters of Arts in Psychology under the faculty of Social Sciences, Rajiv Gandhi University.

Date: 11.07.2022



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# **ROLE OF RESILIENCE IN AGGRESSION, ANXIETY AND SHYNESS AMONG GALO AND NYISHI WOMEN OF ARUNACHAL PRADESH**

A Dissertation submitted in partial fulfilment of the requirements for the award of the Degree of  
Master of Arts in Psychology under Faculty of Social Sciences, Rajiv Gandhi University.

**Submitted by**

**Miss Mikbi Rina**

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This is to certify that the Dissertation entitled: **ROLE OF RESILIENCE IN AGGRESSION, ANXIETY AND SHYNESS AMONG GALO AND NYISHI WOMEN OF ARUNACHAL PRADESH** ; submitted by Miss Mikbi Rina in partial fulfilment of the requirements for the award of the Degree of Masters in Arts in Psychology under the Faculty of Social Sciences, Rajiv Gandhi University, Rono Hills, Doimukh.

This is an original bonafide work carried out by the candidate. This research work has not been previously submitted elsewhere for the awarding of any degree. This Dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 12 JULY, 2022

Place : RONO HILLS

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the Supervisor or/Co- Supervisor



# **THE ROLE OF LIFE GOALS ON SUBJECTIVE VITALITY AND PERSONAL VALUE AMONG STUDENT YOUTHS OF INDIA.**

A Dissertation submitted in partial fulfilment of the requirements for the award of the Degree of  
Master of Arts in Psychology under Faculty of Social Sciences, Rajiv Gandhi University.



**Submitted by**

Name: Mr Mito Bage

Roll No: RGU/20/PSY/12

M.A 4<sup>th</sup> semester

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**ARUNACHAL PRADESH, INDIA**

**2022**





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**CERTIFICATE**

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Date: 11<sup>th</sup> July 2022

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### CERTIFICATE

This is to certify that Mr. **Aditya Sahu**, a bona-fide student of fourth semester M.Sc. Geology bearing roll number **21APGL01** and registration number **01-M.Sc./GEO/2021-22** carried out a project work titled "**GIS-based Landslide Susceptibility Mapping Using Analytical Hierarchy Process (AHP) approach in Anjaw District of Arunachal Pradesh**", under the supervision and guidance of **Dr. Anwarul Alam Laskar**, as a partial fulfilment of the requirement for the award of the degree of Master of Science in Applied Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 9<sup>th</sup> June 2023

Place: RGU

  
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This is to certify that **Miss Ali Chetia**, a bona-fide student of fourth semester M.Sc. Geology bearing roll number **21APGL02** and registration number **02-M.Sc./GEO/2021-22** carried out a project work titled **"A COMPARATIVE STUDY OF CRETACEOUS AND PROTEROZOIC CONGLOMERATE, KHASI HILLS, MEGHALAYA, NORTH EAST INDIA"**, under the supervision and guidance of **Dr. Mousumi Gogoi**, as a, partial fulfilment of the requirement for the Master Degree in Applied Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date:

Place:

  
26/06/2023

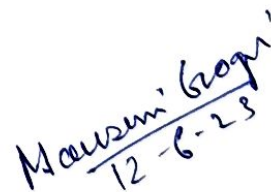
Head /c

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## CERTIFICATE

This is to certify that Mr. AZEE TAYENG, a bona-fide student of fourth semester M. Sc in Applied Geology bearing roll number **21APGL04** and registration number **56-BSC/GEO/2018-19** carried out a project work titled "**Generations of Fe-Ti oxides in the volcanic rocks of the Sylhet traps, Meghalaya, India**", under the supervision and guidance of Dr. Saurodeep Chatterjee, as a partial fulfilment of the requirement for the award of the degree of Master of Science in Applied Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 12-06-2023

Place: Rono Hills, Doimukh, AR - IN

  
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### CERTIFICATE

This is to certify that **Ms.Bmang Yar**, a bona-fide student of fourth semester M.Sc. (H) Geology bearing roll number 21APGL05 and registration number 47-B.Sc/GEO of 2018-19 carried out a project work titled "**Sedimentological study of Mawiong Conglomerate of Shillong Basin, Meghalaya**", under the supervision and guidance of **Dr. Mousumi Gogoi**, as a partial fulfilment of the requirement for the award of the degree of Master of Science (Honours) in Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 12/06/2023

Place: Rajiv Gandhi University

**Dr. Chandra Sekaran M,**

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### CERTIFICATE

This is to certify that **Miss Chimi Hiloidari**, a bona-fide student of fourth semester M.Sc. Geology bearing roll number **21APGL06** and registration number **03-M.Sc./GEO/2021-22** carried out a project work titled "**Facies and Depositional Environments of Cretaceous Conglomerate in and around Weiloi, Tyrsad and Mawkdok Area in Meghalaya, India**", under the supervision and guidance of **Dr. Mousumi Gogoi**, as a partial fulfilment of the requirement for the award of the degree of Master of Science in Applied Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

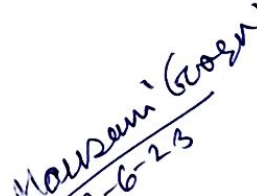
This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 10<sup>th</sup> June 2023

Place: RGU

  
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## CERTIFICATE

This is to certify that MISS GLOWRINA GOGOI, a bona-fide student of fourth semester M. Sc in Applied Geology bearing roll number **21APGL07** and registration number **48-BSC/GEO/2018-19** carried out a project work titled **“Rock magnetic studies from the volcanic rocks and associated intertrappean sediments of the Sylhet traps, Meghalaya, India”**, under the supervision and guidance of Dr. Saurodeep Chatterjee, as a partial fulfilment of the requirement for the award of the degree of Masters of Science in Applied Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 12-06-2023

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### CERTIFICATE

This is to certify that **Ms. Guddy Kumari Gupta** a bona-fide student of fourth semester M.Sc. Geology bearing roll number **21APGL08** and registration number **06-RGU/B.Sc2017-18** carried out a project work titled "**Drainage Basin Morphometry of Dikrong River**", under the supervision and guidance of **Dr. Anwarul Alam Laskar**, as a partial fulfilment of the requirement for the award of the degree of Master of Science in Applied Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 9<sup>th</sup> June 2023

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भूमि पृथ्वी  
OUR EARTH - OUR FUTURE - OUR PLEDGE

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This is to certify that MR. LEMNAI WANGNAW, a bona-fide student of fourth semester M. Sc in Applied Geology bearing roll number **21APGL09** and registration number **49-BSC/GEO/2018-19** carried out a project work titled **"Anisotropy of magnetic susceptibility studies in determining flow in basalts: A case study in Shylet traps, Shillong, India"**, under the supervision and guidance of Dr. Saurodeep Chatterjee, as a partial fulfilment of the requirement for the award of the degree of Masters of Science in Applied Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 12-06-2023

Place: Rono Hills, Doimukh, AR-1N

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अरुणाचल प्रदेश – ७९१११२/ Arunachal Pradesh – 791 112

## CERTIFICATE

This is to certify that **Mr Parag Pratim Changmai** a bona-fide student of fourth semester M.Sc. Geology bearing roll number **21APGL13** and registration number **04-M.Sc./GEO/2021-22** carried out a project work titled "**Assessment of Active Tectonics in the Outer Himalyan Belt Between Subansiri and Dikrong River, North-East India**", under the supervision and guidance of **Dr. Anwarul Alam Laskar**, as a partial fulfilment of the requirement for the award of the degree of Master of Science in Applied Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 9<sup>th</sup> June 2023

Place: RGU



26/06/2023

**Head**

Assistant Professor  
Department of Geology  
Rajiv Gandhi University  
Arunachal Pradesh



09/06/2023

Dr. Anwarul Alam Laskar  
Assistant Professor  
Department of Geology  
Rajiv Gandhi University  
Arunachal Pradesh

विभागाध्यक्ष/Head  
भूविज्ञान विभाग/Dept. of Geology  
राजीव गांधी विश्वविद्यालय/Rajiv Gandhi University  
रोनोंविल्स, दोईमुख/Rono Hills, Doimukh  
अरुणाचल प्रदेश-७९१११२/Arunachal Pradesh-791112



भूविज्ञान विभाग/ DEPARTMENT OF GEOLOGY  
राजीव गांधी विश्वविद्यालय/Rajiv Gandhi University  
रोनोहिल्स, दोईमुख/Rono Hills, Doimukh  
अरुणाचल प्रदेश-७९१११२/ Arunachal Pradesh – 791 112



भूविज्ञान विभाग  
राजीव गांधी विश्वविद्यालय

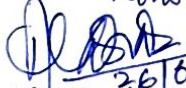
## CERTIFICATE

This is to certify that MISS RUBILU TAWSIK, a bona-fide student of fourth semester M. Sc in Applied Geology bearing roll number **21APGL14** and registration number **46-BSC/GEO/2018-19** carried out a project work titled **"Strain analysis from deformed clasts of conglomerates, Shillong plateau, India"**, under the supervision and guidance of Dr. Saurodeep Chatterjee and Dr. Mousumi Gogoi, as a partial fulfilment of the requirement for the award of the degree of Masters of Science in Applied Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 12-06-2023

Place: Rono Hills, Doimukh, AR-1N

  
26/06/2023  
The Head (1/0)

Department of Geology  
Rajiv Gandhi University  
Arunachal Pradesh

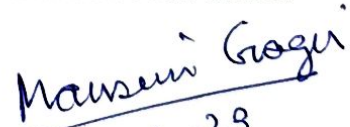
विभागाध्यक्ष/Head  
भूविज्ञान विभाग/Dept. of Geology  
राजीव गांधी विश्वविद्यालय/Rajiv Gandhi University  
रोनोहिल्स, दोईमुख/Rono Hills, Doimukh  
अरुणाचल प्रदेश-७९१११२/Arunachal Pradesh-791112



SAURODEEP CHATTERJEE

**Dr. Saurodeep Chatterjee (M. Sc, Ph. D)**  
**Guest Assistant Professor**  
Department of Geology, Rajiv Gandhi University  
(A Central University under MoE, Govt. of India)  
Rono Hills, Doimukh, Papum Para 791112  
Arunachal Pradesh, INDIA.  
Ph: +91-7044098251 / +91-8617475959

DR. MOUSUMI GOGOI

  
12-6-23



## CERTIFICATE

This is to certify that Mr Solai YUN a bona-fide student of fourth semester M.sc Applied Geology bearing roll number 21APGL15 and registration number 02-RGU/B.SC 2017-18 carried out a project work titled "*FIELD AND PETROGRAPHY OF ZIRO GNEISS IN POTIN AND GERAM AREA, ARUNACHAL PRADESH*", under the supervision and guidance of Dr. Chandra Sekaran M, as a partial fulfilment of the requirement for the award of the degree of Master of Science in Applied Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date:

Place: Rajiv Gandhi University



**The Head of the  
Department of Geology  
Rajiv Gandhi University  
Arunachal Pradesh**



**Dr Chandra Sekaran M  
Assistant professor  
Department of Geology  
Rajiv Gandhi University  
Arunachal Pradesh**

विभागाध्यक्ष/Head  
भुविज्ञान विभाग/Dept. of Geology  
राजीव गांधी विश्वविद्यालय/Rajiv Gandhi University  
रोनोहिल्स, दोईमुख/Rono Hills, Doimukh  
अरुणाचल प्रदेश-७९११२/Arunachal Pradesh-791112



भूविज्ञान विभाग/ DEPARTMENT OF GEOLOGY  
राजीव गांधी विश्वविद्यालय/RAJIV GANDHI UNIVERSITY  
रोनोहिल्स, दोईमुख/ Rono Hills, Doimukh  
अरुणाचल प्रदेश – ७९१११२/ Arunachal Pradesh – 791 112

## CERTIFICATE

This is to certify that Mr. **Sourav Sarma Boruah**, a bona-fide student of fourth semester M.Sc. Geology bearing roll number **21APGL16** and registration number **05M.Sc./GEO/2021-22** carried out a project work titled "**Field and Petrography of Abor Volcanics and Associated Rocks from Pasighat, Arunachal Pradesh**", under the supervision and guidance of **Dr Chandra Sekaran M**, as a partial fulfilment of the requirement for the award of the degree of Master of Science in Applied Geology in the Department of Geology, Rajiv Gandhi University, Arunachal Pradesh.

This is an original work carried out by the student and has not been previously submitted elsewhere for the awarding of any degree, fellowship, or any other similar title. This dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: 12<sup>th</sup> June 2023

Place: RGU

HEAD OF THE DEPARTMENT

Rajiv Gandhi University

Department of Geology Arunachal Pradesh

Rono Hills, Doimukh

Arunachal Pradesh

**Dr. Chandra Sekaran M**

SUPERVISOR

विभागाध्यक्ष/Head  
भूविज्ञान विभाग/Dept. of Geology  
राजीव गांधी विश्वविद्यालय/Rajiv Gandhi University  
रोनोहिल्स, दोईमुख/Rono Hills, Doimukh  
अरुणाचल प्रदेश-७९१११२/Arunachal Pradesh-791112



रसायन विज्ञान विभाग

Department of Chemistry



राजीव गांधी विश्वविद्यालय

रोनो हिल्स, दोईमुख ७९१११२, अरुणाचल प्रदेश

**Rajiv Gandhi University**

Rono Hills, Doimukh 791 112

Arunachal Pradesh

## *Certificate*

This is to certify that the Dissertation entitled "**A study on the effect of substituents on the absorption maximum of chalcones in ethanol**" submitted to the Department of Chemistry, Rajiv Gandhi University, in partial fulfilment for the award of the degree of **Masters of Science in Chemistry**, is a record of the survey carried out by **Ms. Bomi Gamkak**, Registration No.: 822-JNC/2018-19 under the supervision of **Dr. Bharat Kumar Allam**, Assistant Professor, Department of Chemistry, Rajiv Gandhi University.

No part of this report has been submitted elsewhere for the award of any other degree.

*Lakhinath Saikia*  
21/06/2023

(Lakhinath Saikia)

Head, Department of Chemistry

Rajiv Gandhi University


विभागध्यक्ष/Head  
रसायन विज्ञान विभाग  
Department of Chemistry  
Rajiv Gandhi University  
Rono Hills, Doimukh  
Arunachal Pradesh

# Certificate

This is to certify that **Mr. Gaurab Borah** postgraduate student of the Department of Chemistry, Rajiv Gandhi University, Arunachal Pradesh has worked under my supervision for his Project Dissertation titled, "***Plant Extract mediated synthesis of Silver Nanoparticles and their Biological activities***" which is being submitted in partial fulfilment of the requirement for the award of the degree of Master of Science in Chemistry for the session 2022-23.

The work presented here is an outcome of his efforts and the same has not been submitted for the award of any other degree or diploma.

Countersigned –

  
21.06.2023  
(Dr. Lakhinath Saikia)

Head  
Dept. of Chemistry

विभागाध्यक्ष/Head  
रसायन विभाग  
Department of Chemistry  
Rajiv Gandhi University  
Rono Hills, Doimukh  
Arunachal Pradesh

  
02.06.2023  
(Dr. Dwipen Kakati)

Project supervisor





DEPARTMENT OF  
**CHEMISTRY**  
RAJIV GANDHI UNIVERSITY

*Certificate*


This is to certify that **Mr Hemanga Bhuyan**, Registration no 09-M. Sc/CHEM/2021-22 a postgraduate student of the Department of Chemistry, Rajiv Gandhi University, Arunachal Pradesh has worked under my supervision for his project entitled, "**Amine functionalised graphite oxide as a metal-free heterogeneous catalyst for the synthesis of bis coumarins**" which is being submitted in partial fulfilment of the requirement for the award of the degree of Master of Science in Chemistry for the session 2023-24.

The student has fulfilled all the requirements relating to the submission of project report for the M.Sc. degree at Rajiv Gandhi University. The project report is based on the result of his own investigation and neither the report nor any part thereof was submitted for any other degree of this or any other university.

 2023  
Dr. Ramen Jamatia

Supervisor

Assistant Professor,  
Department of Chemistry,  
Rajiv Gandhi University,  
Rono Hills, Doimukh, 791112  
Arunachal Pradesh, India

 02/06/23

Dr. Lakhinath Saikia

Head of the Department

Assistant Professor

Department of Chemistry,

Rajiv Gandhi University,

Rono Hills, Doimukh, 791112

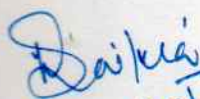
Arunachal Pradesh, India

# Certificate

This is to certify that **Mr. Jainlong Wangsa** postgraduate student of the Department of Chemistry, Rajiv Gandhi University, Arunachal Pradesh has worked under my supervision for his Project Dissertation titled, ***"Electrocatalytic Water Oxidation by Pivalate Based Tetranuclear Cobalt-oxo Metal Clusters"*** which is being submitted in partial fulfilment of the requirement for the award of the degree of Master of Science in Chemistry for the session 2022-23.

The work presented here is an outcome of his efforts and the same has not been submitted for the award of any other degree or diploma.

Countersigned –

  
02/06/23

(Dr. Lakhinath Saikia)

Head,  
Dept. of Chemistry

विभागाध्यक्ष/प्रमुख  
रासायन विज्ञान विभाग  
Department of Chemistry  
Rajiv Gandhi University  
Rono Hills, Dornukh  
Arunachal Pradesh

  
02/06/23

(Dr. Rajesh Chakrabarty)

Project supervisor

सह प्राध्यापक  
Associate Professor  
रासायन विज्ञान विभाग  
Department of Chemistry  
राजीव गांधी विश्वविद्यालय  
Rajiv Gandhi University





## Certificate

This is to certify that the Dissertation entitled “**Effects of Pseudohalide on the Photophysical Properties of the Synthesized Zn(II) Tetraphenyl porphyrin Complexes**” submitted to the Department of Chemistry, Rajiv Gandhi University, in partial fulfilment for the award of the degree of **Masters of Science in Chemistry**, is a record of the survey carried out by **Ms. Lobsang Chokey**, Registration No.: 149-DNGC 2018/19 under the supervision of **Dr. Karishma Devi Borañ**, Guest Assistant Professor, Department of Chemistry, Rajiv Gandhi University.

No part of this report has been submitted elsewhere for the award of any other degree.

*Lakhinath Saikia*  
02/06/23

(Lakhinath Saikia)

Head, Department of Chemistry

Rajiv Gandhi University

विभागध्यक्ष/Head  
रसायन विज्ञान विभाग  
Department of Chemistry  
Rajiv Gandhi University  
Rono Hills, Doimukh  
Arunachal Pradesh



DEPARTMENT OF  
**CHEMISTRY**  
RAJIV GANDHI UNIVERSITY

***Certificate***

This is to certify that Mr. LOBSANG ZIMBA, a post graduate student of the Department of Chemistry, Rajiv Gandhi University, Arunachal Pradesh has worked under my supervision for his project report entitled '*Synthesis of magnetic nanocatalyst*' which is being submitted in partial fulfillment of the requirement for the award of the degree of Master of Science in Chemistry for the session 2022-23.

The student has fulfilled all the requirements relating to the submission of the Project report for the M.Sc degree under Rajiv Gandhi University. The project report is based on the result of his own investigation and neither the report nor any part thereof was submitted for any other degree of this or any other university.

*Dr. Lakhinath Saikia*  
02/06/23

**(Dr. Lakhinath Saikia)**

Supervisor

Assistant professor & Head(i/c)

Department of chemistry

Rajiv Gandhi University

विभागाध्यक्ष/Head  
रसायन विभाग  
Department of Chemistry  
Rajiv Gandhi University  
Ronoiteng, Arunachal Pradesh



# Certificate

This is to certify that **Mr. Manash Pratim Deka**, a postgraduate student in the Department of Chemistry, Rajiv Gandhi University, Arunachal Pradesh has worked under my supervision for his project dissertation titled, "**Bioassay guided phytochemical investigation of *Amentotaxus assamica***" which is being submitted in partial fulfilment of the requirement for the award of the degree of Master of Science in Chemistry for the session 2022-23.

The work presented here is an outcome of his efforts and the same has not been submitted for the award of any other degree or diploma.

Countersigned

*Dr. Lakhinath Saikia*  
02/06/23

(Dr. Lakhinath Saikia)  
Head, Dept. of Chemistry

विभागाध्यक्ष/Head  
रसायन विज्ञान विभाग  
Department of Chemistry  
Rajiv Gandhi University  
Rono Hills, Doimukh  
Arunachal Pradesh

*Dr. Dwipen Kakati*  
02.06.2023

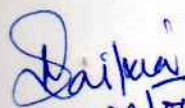
(Dr. Dwipen Kakati)  
Supervisor

# Certificate

This is to certify that **Mr. Millo Kobing** a postgraduate student in the Department of Chemistry, Rajiv Gandhi University, Arunachal Pradesh has worked under my supervision for his Project Work titled, "**Bioassay Guided Phytochemical Investigation of *Coptis teeta***" which is being submitted in partial fulfilment of the requirement for the award of the degree of Master of Science in Chemistry for the session 2022-23.

The work presented here is an outcome of his efforts and the same has not been submitted for the award of any other degree or diploma.

Countersigned

  
02/06/23

(Dr. Lakhinath Saikia)  
Head, Dept. of Chemistry

विभागाध्यक्ष/Head  
रसायन विज्ञान विभाग  
Department of Chemistry  
Rajiv Gandhi University  
Rono Hills, Dima  
Arunachal Pradesh

  
02.06.2023

(Dr. Dwipen Kakati)  
Supervisor





## *Certificate*

This is to certify that the Dissertation entitled "**Study of the Catalytic Activity of  $\text{CuFe}_2\text{O}_4$  Nanoparticles in  $\text{A}^3$ -Coupling Reactions**" submitted to the Department of Chemistry, Rajiv Gandhi University, in partial fulfilment for the award of the degree of **Masters of Science in Chemistry**, is a record of the survey carried out by **Mr. Mrinmoy Jyoti Sarmah**, Registration No.: 03-M.SC/CHEM/2021-22 under the supervision of **Dr. Md. Harunar Rashid**, Associate Professor, Department of Chemistry, Rajiv Gandhi University.

No part of this report has been submitted elsewhere for the award of any other degree.

*Signature*  
02/06/23

(Lakhinath Saikia)

Head, Department of Chemistry

Rajiv Gandhi University

विभागाध्यक्ष  
रसायन विज्ञान विभाग  
Department of Chemistry  
Rajiv Gandhi University  
Rono Hills, Doimukh  
Arunachal Pradesh

रसायन विज्ञान विभाग

Department of Chemistry



राजीव गांधी विश्वविद्यालय  
रोनो हिल्स, दोईमुख ७९१११२, अरुणाचल प्रदेश  
**Rajiv Gandhi University**  
Rono Hills, Doimukh 791 112  
Arunachal Pradesh

## *Certificate*

This is to certify that the Dissertation entitled “**Adsorptive Removal of Malachite Green Dye from Aqueous Solution by  $Mg(OH)_2$  Nanoparticles**” submitted to the Department of Chemistry, Rajiv Gandhi University, in partial fulfilment for the award of the degree of **Masters of Science in Chemistry**, is a record of the survey carried out by **Mr. Ogan Yirang**, Registration No.: 686-JNC/2018-19 under the supervision of **Dr. Md. Harunar Rashid**, Associate Professor, Department of Chemistry, Rajiv Gandhi University.

No part of this report has been submitted elsewhere for the award of any other degree.

*Saikia*  
02/06/23

(Lakhinath Saikia)

Head, Department of Chemistry

Rajiv Gandhi University

विभागध्यक्ष/Head  
रसायन विज्ञान विभाग  
Department of Chemistry  
Rajiv Gandhi University  
Rono Hills, Doimukh  
Arunachal Pradesh





DEPARTMENT OF  
**CHEMISTRY**  
RAJIV GANDHI UNIVERSITY

***Certificate***

This is to certify that Mr. Santanu Kumar Das , a post graduate student of the Department of Chemistry, Rajiv Gandhi University, Arunachal Pradesh has worked under my supervision for his project report entitled '*Study towards development of a novel Suzuki-Miyaura cross-coupling reaction protocol for synthesis of biologically important 5-arylpyrimidines*' which is being submitted in partial fulfillment of the requirement for the award of the degree of Master of Science in Chemistry for the session 2022-23.

The student has fulfilled all the requirements relating to the submission of the Project report for the M.Sc degree under Rajiv Gandhi University. The project report is based on the result of his own investigation and neither the report nor any part thereof was submitted for any other degree of this or any other university.

*Dr. Lakhinath Saikia*  
02/06/23

**(Dr. Lakhinath Saikia)**

Supervisor

Assistant professor & Head(i/c)

Department of chemistry

Rajiv Gandhi University

विभागाध्यक्ष/Head  
रसायन विज्ञान विभाग  
Department of Chemistry  
Rajiv Gandhi University  
P.O. Box 115, Doimukh  
Arunachal Pradesh

# Certificate

This is to certify that **Mr. Taniram mize** postgraduate student of the Department of Chemistry, Rajiv Gandhi University, Arunachal Pradesh has worked under my supervision for his Project Dissertation titled, "**Design and Synthesis of Clicked ditopic Organic Linker and its Luminescence**" which is being submitted in partial fulfilment of the requirement for the award of the degree of Master of Science in Chemistry for the session 2022-23.

The work presented here is an outcome of his efforts and the same has not been submitted for the award of any other degree or diploma.

Countersigned –

*Dr. Lakshinath Saikia*  
02/06/23

(Dr. Lakshinath Saikia)

Head,  
Dept. of Chemistry  
रसायन विज्ञान विभाग  
Department of Chemistry  
Rajiv Gandhi University  
Rono Hills, Dima Hasar  
Arunachal Pradesh

*Dr. Rajesh Chakraborty*  
02.06.2023

(Dr. Rajesh Chakraborty)

Project supervisor

Associate Professor  
रसायन विज्ञान विभाग  
Department of Chemistry  
राजीव गांधी विश्वविद्यालय  
Rajiv Gandhi University



रसायन विज्ञान विभाग

Department of Chemistry



राजीव गांधी विश्वविद्यालय

रोनो हिल्स, दोईमुख ७९१११२, अरुणाचल प्रदेश

**Rajiv Gandhi University**

Rono Hills, Doimukh 791 112

Arunachal Pradesh

## *Certificate*

This is to certify that the Dissertation entitled "**Synthesis of MgFe-Layered Double Hydroxides (LDHs) For Adsorptive Removal of Malachite Green from Water**" submitted to the Department of Chemistry, Rajiv Gandhi University, in partial fulfilment for the award of the degree of **Masters of Science in Chemistry**, is a record of the survey carried out by **Ms. Tashi Lamu Khrimy**, Registration No.: 11-M.SC/CHEM/2021-22 under the supervision of **Dr. Md. Harunar Rashid**, Associate Professor, Department of Chemistry, Rajiv Gandhi University.

No part of this report has been submitted elsewhere for the award of any other degree.

*Lakhinath Saikia*  
21/06/23

(Lakhinath Saikia)

Head, Department of Chemistry

Rajiv Gandhi University

विभागाध्यक्ष/Head  
रसायन विज्ञान विभाग  
Department of Chemistry  
Rajiv Gandhi University  
Rono Hills, Doimukh  
Arunachal Pradesh



## Certificate

This is to certify that the Dissertation entitled “**An Investigation on Photophysical Properties of some Chalcones**” submitted to the Department of Chemistry, Rajiv Gandhi University, in partial fulfilment for the award of the degree of **Masters of Science in Chemistry**, is a record of the survey carried out by **Mr. Udoi Sankar Mudoi**, Registration No.: 10-M.SC/CHEM/2021-22 under the supervision of **Dr. Bharat Kumar Allam**, Associate Professor, Department of Chemistry, Rajiv Gandhi University.

No part of this report has been submitted elsewhere for the award of any other degree.

*Dr. Saikia*  
02/06/23

(Lakhinath Saikia)

Head, Department of Chemistry

Rajiv Gandhi University

विभागध्यक्ष, रासायन विज्ञान विभाग  
Department of Chemistry  
Rajiv Gandhi University  
Rono Hills, Doimukh  
Arunachal Pradesh





DEPARTMENT OF  
**CHEMISTRY**  
RAJIV GANDHI UNIVERSITY

*Certificate*

This is to certify that **Miss Yabon Pame**, Registration no **116-JNC/2017-18** postgraduate student of the Department of Chemistry, Rajiv Gandhi University, Arunachal Pradesh has worked under my supervision for her project entitled, "**Synthesis and development of novel Fe@CaAl hydrotalcite and its application in the chemoselective synthesis of benzimidazole via acceptorless dehydrogenation reaction**" which is being submitted in partial fulfilment of the requirement for the award of the degree of Master of Science in Chemistry for the session 2023-24.

The student has fulfilled all the requirements relating to the submission of project for the M.Sc. degree at Rajiv Gandhi University. The project report is based on the result of her own investigation and neither the report nor any part thereof was submitted for any other degree of this or any other university.

  
08/06/2023  
Dr. Ramon Jamatia

Supervisor

Assistant Professor,  
Department of Chemistry,  
Rajiv Gandhi University,  
Rono Hills, Doimukh, 791112  
Arunachal Pradesh, India

  
02/06/23  
Dr. Lakhinath Saikia

Dr. Lakhinath Saikia

Head of the Department

Assistant Professor,  
Department of Chemistry,  
Rajiv Gandhi University,  
Rono Hills, Doimukh, 791112  
Arunachal Pradesh, India



# **A STUDY ON RELATIONSHIP BETWEEN SOCIAL MEDIA ADDICTION, SELF-ESTEEM AND PSYCHOLOGICAL WELL-BEING OF STUDENTS**

A Dissertation is submitted in partial fulfillment of the requirements for the  
award of the Degree of Master of Arts in Psychology under Faculty of  
Social Sciences, Rajiv Gandhi University.

Submitted by

**Pritisha Phukan**

Roll no- RGU/20/PSY/15



DEPARTMENT OF PSYCHOLOGY

**RAJIV GANDHI UNIVERSITY**

RONO HILLS, DOIMUKH-791112

ARUNACHAL PRADESH, INDIA

2022





DEPARTMENT OF PSYCHOLOGY

**RAJIV GANDHI UNIVERSITY**

RONO HILLS, DOIMUKH -791112

ARUNACHAL PRADESH, INDIA

## **CERTIFICATE**

This is to certify that the Dissertation entitled: **A STUDY ON RELATIONSHIP BETWEEN SOCIAL MEDIA ADDICTION, SELF-ESTEEM AND PSYCHOLOGICAL WELLBEING OF STUDENTS**; submitted by Pritisha Phukan in partial fulfillment of the requirements for the award of the Degree of Master of Arts in Department of Psychology, under the faculty of Social Sciences, Rajiv Gandhi University, Rono Hills, Doimukh.

This is an original bonafide work carried out by the candidate. This research work has not been previously submitted elsewhere for the awarding of any degree. This Dissertation may be placed before the examiners for evaluation and consideration of the said degree.

Date: June 15, 2022

Place: Rono Hills (Doimukh)

*Dharmeshwari L.*

**Name & Signature of**

**The Head, Department**

मनोविज्ञान विभाग  
राजीव गाँधी विश्वविद्यालय, अरुणाचल प्रदेश  
Head Department of Psychology  
Rajiv Gandhi University Rono Hills, Doimukh

*Dr. Kalsali Grewal*  
(Dr. Kalsali Grewal)

**Name & Signature of**

**The Supervisor**

**Department of Sociology/ समाजशास्त्र विभाग**  
**Rajiv Gandhi University/ राजीव गांधी विश्वविद्यालय**  
**Rono Hills: Doimukh/रोनो हिल्स :दोइमुख**

**List of MA 2<sup>nd</sup> Semester Students for Field Trip 2023**

Sl.No	Roll No.	Name	Gender
1.	22/MSOC/001	AJAY WAI	M
2.	22/MSOC/002	ASHA LEGO	F
3.	22/MSOC/003	BABY BORANG	F
4.	22/MSOC/004	BENGIA JANUKA	F
5.	22/MSOC/005	BIRI FELIX	M
6.	22/MSOC/006	CHENE PULU	F
7.	22/MSOC/007	CHUGU TANA TARA	M
8.	22/MSOC/009	DARI YAGE	F
9.	22/MSOC/010	DAVID KUMAR YADAV	M
10.	22/MSOC/011	GANTOI GANDAM	F
11.	22/MSOC/012	GEBI TATIN	F
12.	22/MSOC/013	GEBINA TATAK	F
13.	22/MSOC/016	HAGE RIMA	F
14.	22/MSOC/017	HARI CHANGRANG	M
15.	22/MSOC/018	IPI NYODU	F
16.	22/MSOC/019	IRAK KENA	M
17.	22/MSOC/020	JIANWANG LOWANG	M
18.	22/MSOC/021	JORAM LONIYA	F
19.	22/MSOC/022	KAGO XANGBO	M
20.	22/MSOC/024	KUMARI SONAM	F
21.	22/MSOC/025	LOLY MIZE	F
22.	22/MSOC/026	LOYIR LUCHI	F
23.	22/MSOC/027	MASUM APRALO	F
24.	22/MSOC/028	MELY KHYA	F
25.	22/MSOC/029	MENIYA JOMOH	F
26.	22/MSOC/030	MIEE ETE	F
27.	22/MSOC/031	MILLO RIYA	F
28.	22/MSOC/032	MINGAM KOYU	F
29.	22/MSOC/033	MINGKIM LEGO	M
30.	22/MSOC/036	NANE TATAK	F
31.	22/MSOC/037	NANG SUPRIYA CHOUMOUNG	F
32.	22/MSOC/038	NATUH LAMMATY	F
33.	22/MSOC/039	NEYI DUPAK	F
34.	22/MSOC/040	NGILYANG MEENA	F
35.	22/MSOC/041	NYAMIN GARAM	M
36.	22/MSOC/042	ONYA DUPU	F
37.	22/MSOC/043	OYI RATAN	F
38.	22/MSOC/044	REBE MEPUNG	F
39.	22/MSOC/045	REENA RIRAM	F



<b>40.</b>	22/MSOC/046	RENU RINYA	F
<b>41.</b>	22/MSOC/047	RODE PIGIA	F
<b>42.</b>	22/MSOC/049	TATKONG PERTIN	M
<b>43.</b>	22/MSOC/050	TECHI OYIR	F
<b>44.</b>	22/MSOC/051	TELI JIRMIN	F
<b>45.</b>	22/MSOC/052	TOKO JERNIA	F
<b>46.</b>	22/MSOC/053	TUNUNG TAMUT	F
<b>47.</b>	22/MSOC/054	YAB NIBA KAIH	M
<b>48.</b>	21/MSOC/017	HAGE MODA	M

# **ROLE OF RESILIENCE IN SUICIDAL IDEATION AND ALCOHOL DEPENDENCY AMONG THE TRIBAL YOUTH OF THE ARUNACHAL PRADESH.**

A dissertation submitted in partial fulfillment of the requirements for the award of  
the Degree of Master of Arts in Psychology under the Faculty of social sciences,  
Rajiv Gandhi University.

**Submitted by**

**Wati Hanker**

Roll no- RGU/20/PSY/22



DEPARTMENT OF PSYCHOLOGY  
**RAJIV GANDHI UNIVERSITY**

RONO HILLS, DOIMUKH-791112  
ARUNACHAL PRADESH, INDIA

2022





DEPARTMENT OF PSYCHOLOGY  
**RAJIV GANDHI UNIVERSITY**

RONO HILLS, DOIMUKH – 791112

ARUNACHAL PRADESH

2022.

**CERTIFICATE**

This is to certify that the Dissertation entitled: **ROLE OF RESILIENCE, ALCOHOL DEPEDENCY AND SUICIDAL IDEATION AMONG TRIBAL YOUTH OF ARUNACHAL PRADESH.**; submitted by Wati Hanker in partial fulfillment of the requirements for the award of the Degree of Masters of Arts in Department of Psychology, under the faculty of Social Sciences, Rajiv Gandhi University, Rono Hills, Doimukh.

This is the original work carried out by the candidate. This research work has not been previously submitted elsewhere for the awarding of any Degree. This Dissertation may be placed before the examiners for evaluation and consideration of the said Degree.

*Dharmeshwari L.*

मनोविज्ञान विभाग  
राजीव गाँधी विश्वविद्यालय, अरुणाचल प्रदेश  
Head Department of Psychology  
Rajiv Gandhi University Rono Hills, Doimukh

*Indeeep*

**Dr. Arnab Ghosh, Ph.D.**  
Assistant Professor  
Department of Zoology  
Rajiv Gandhi University  
Arunachal Pradesh 791112, INDIA  
Email: arnab.ghosh@rgu.ac.in



**डॉ. अर्नब घोष, पीएच.डी.**  
सहायक प्राध्यापक  
प्राणिविज्ञान विभाग  
राजीव गांधी विश्वविद्यालय  
अरुणाचल प्रदेश - 791112, भारत

Ref. No. RGU/ZOO/AG/ MISC /30

Date: 12/06/2022

This is to certify that **Miss Anju Paul**, M.Sc. IV<sup>th</sup> Semester student, bearing roll no. 20MSZOO1, Department of Zoology, Rajiv Gandhi University has done the project work entitled “**A study on the effect of *Terminalia arjuna* on Non-alcoholic fatty liver diseases (NAFLD)**” under my supervision for the partial fulfilment of M.Sc. degree in Zoology ( Specialization: Cell and Molecular Biology) under Rajiv Gandhi University for the session 2021-2022.

I certify that this project report submitted by **Miss Anju Paul** contains original research work done by her under my supervision and thus may be considered for adjudication of her M.Sc. degree in Zoology for the year 2022.

**Dr. Arnab Ghosh**  
Project Supervisor



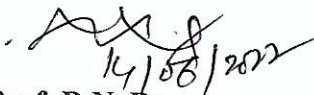
**DEPARTMENT OF ZOOLOGY  
RAJIV GANDHI UNIVERSITY  
RONO HILLS, DOIMUKH, ITANAGAR**

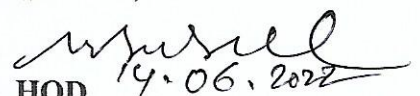
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**CERTIFICATE**

This to certify that Miss **ANNU BURANG** of Zoology Department Rajiv Gandhi University, Roll Number: **20MSZ002** has submitted the project report entitled “**Study on Freshwater Crab Diversity in Some Wetlands of Pasighat, Arunachal Pradesh**”.

She accomplished the work sincerely by herself; therefore, this work may be considered for adjudication of her M.Sc degree in Zoology.

  
For Prof. D.N. Das  
(Supervisor)

  
HOD 4.06.2022  
Department of Zoology HEAD  
Department of Zoology  
Rajiv Gandhi University  
Itanagar-791112

# Rajiv Gandhi University, Rono Hills, Doimukh

## Certificate of Approval

The project report entitled "PROJECT REPORT ON BEEKEEPING PRACTICES IN BISWANATH DISTRICT, ASSAM" is hereby approved as a credible study of Entomology subject carried out by Aziz Hussain of M.Sc. IVth semester, Zoology bearing a University Roll No-20MSZOO3 presented satisfactorily to warrant its acceptance as a prerequisite to the degree for which it is submitted. It is understood by the approval that the undersigned does not endorse or approve any statement made, opinion expressed or conclusions drawn therein, but approves the report only for the purpose for which it has been submitted.

  
14.06.22  
(Dr. Hiren Gogoi)

Supervisor

Department of Zoology

**Dr. Hiren Gogoi**  
Asstt. Prof., Dept. of Zoology  
Rajiv Gandhi University  
Rono Hills, Doimukh-791112



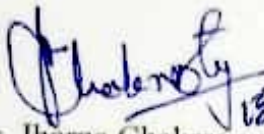
Head of the Department

Department of Zoology  
Rajiv Gandhi University  
Itanagar-791112



## CERTIFICATE

This is to certify that *Bompu Bagra*, a student of Zoology Department bearing the University Roll no- 20MSZ005 has submitted the project on "STUDY OF LIFE CYCLE OF CRICKET UPTO 3<sup>rd</sup> GENERATION WITH FOOD PREFERENCE". It is original work done by her under my supervision.

15.6.22

Dr. Jharna Chakravorty  
(Project Guide)

Prof. Jharna Chakravorty  
Department of Zoology  
Rajiv Gandhi University  
Rono Hills, Itanagar-791112

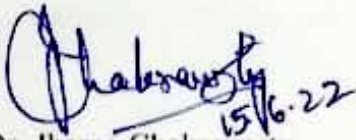


Head of Department (Zoology)

HEAD  
Department of Zoology  
Rajiv Gandhi University  
Itanagar-791112

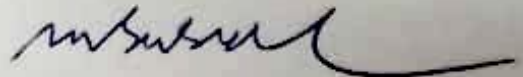
## CERTIFICATE

This is to certify that *Dorjee Phurba Eru*, a student of Zoology Department bearing the University Roll no- 20MSZ006 has submitted the project on "STUDY OF LIFE CYCLE OF CRICKET UPTO 1<sup>st</sup> GENERATION AND THEIR FOOD PREFERENCE". It is original work done by him under my supervision.



Dr. Jharna Chakravorty  
(Project Guide)

Dr. Jharna Chakravorty  
Department of Zoology  
Rajiv Gandhi University  
Rono Hills, Itanagar-791112



Head of Department (Zoology)

HEAD  
Department of Zoology  
Rajiv Gandhi University  
Itanagar-791112



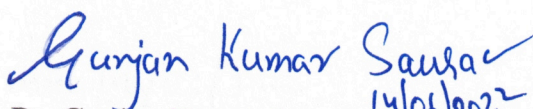
**Department of Zoology**  
**Rajiv Gandhi University**  
**Rono Hills, Doimukh, Arunachal Pradesh, India**



**CERTIFICATE**

This is to certify that Miss **Hage Tunya**, Roll no: **20MSZ007**, M.Sc. **4<sup>th</sup>** Semester, 2022, Department of Zoology, Rajiv Gandhi University has done the project work entitled "***Bemisia tabaci (whitefly) interaction with begomoviruses***", submitted for the partial fulfillment of the degree of Master of Science in Zoology (Specialization- Cell and Molecular Biology), Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India.

It further certifies that results incorporated in this report are findings of investigation done by her during her project duration and thus may be considered for adjunction of her M.Sc. Degree in Zoology for the session 2020-2022.

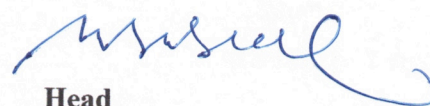
  
**Dr. Gunjan Kumar Saurav** 14/06/2022

**(Project Supervisor)**

**Assistant Professor**

**Department of Zoology**

**Rajiv Gandhi University**



**Head**

**Department of Zoology**  
**Rajiv Gandhi University**  
791112

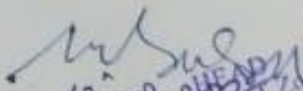
DEPARTMENT OF ZOOLOGY  
RAJIV GANDHI UNIVERSITY  
RONO HILLS, DOIMUKH



CERTIFICATE

This is to certify that **Hassan Noor Ahmed Choudhary**, MSc. IV<sup>th</sup> semester student bearing roll no. **20MSZO08**, Department of Zoology, Rajiv Gandhi University has done the project work entitled "*Avian community composition of Dollungmukh, Arunachal Pradesh*" under supervision of **Dr. Daniel Mize** (Assistant Professor, Department of Zoology, Rajiv Gandhi University) for the partial fulfilment of MSc. degree in Zoology (specialization **Ecology & Wildlife Biology**) under Rajiv Gandhi University for the session 2021-2022.

I certify that the result incorporated in this report is findings of investigation done by his during his project duration and thus may be considered for adjudication of his MSc. degree in Zoology.

  
13-08-2022  
Head of Department  
Department of Zoology  
Rajiv Gandhi University  
Rono Hills, Doimukh  
Zooloogy, RGU




DEPARTMENT OF ZOOLOGY  
RAJIV GANDHI UNIVERSITY  
RONO HILLS, DOIMUKH




CERTIFICATE

This is to certify that **Kanchan Dai**, MSc. IV<sup>th</sup> semester student bearing roll no. **20MSZ010**, Department of Zoology, Rajiv Gandhi University has done the project work entitled "To document the status of Beekeeping in Pasighat and Sille under the East Siang District of Arunachal Pradesh" under my supervision for the partial fulfilment of MSc. degree in Zoology (specialization **Entomology**) under Rajiv Gandhi University for the session 2021-2022.

I certify that the result incorporated in this report is findings of investigation done by her during her project duration and thus may be considered for adjudication of her MSc. degree in Zoology.

  
HEAD  
Department of Zoology  
Rajiv Gandhi University  
Rono Hills, Doimukh-791112  
RGU

  
13.06.2022  
Dr. Hiren Gogoi  
Project Guide  
Dr. Hiren Gogoi  
Asstt. Prof., Dept. of Zoology  
Rajiv Gandhi University  
Rono Hills, Doimukh-791112

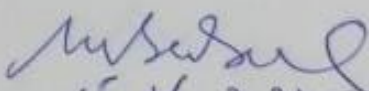
DEPARTMENT OF ZOOLOGY  
RAJIV GANDHI UNIVERSITY  
RONO HILLS, DOIMUKH



**CERTIFICATE**

This is to certify that Ms Kasunam Pasing, MSc IV sem student bearing roll no. 20MSZO11, Department of Zoology, Rajiv Gandhi University has done the project work titled 'avian community composition of bolung' under my supervision for the partial fulfillment of MSc. Degree in zoology (specialisation Ecology and wildlife Biology) under Rajiv Gandhi University for the session 2021-2022.

I certify that the result incorporated in this report is finding of investigation done by her project duration and thus may be considered for adjudication of her MSc. Degree in zoology.

  
15.06.2022  
Head of Department of Zoology



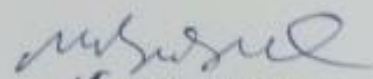
**DEPARTMENT OF ZOOLOGY  
RAJIV GANDHI UNIVERSITY  
RONO HILLS, DOIMUKH**



**CERTIFICATE**

This is to certify that **Miss Maria Siram**, M.Sc.IV<sup>th</sup> Semester student bearing roll no. **20MSZ013**, Department of Zoology, Rajiv Gandhi University has done the project work entitled "**Avian community composition and diversity of Ruksin and adjacent areas**" under supervision **Dr. Daniel Mize Associate Professor** for the partial fulfillment of M.Sc. degree in Zoology (specialization **Ecology and Wildlife Biology**) under Rajiv Gandhi University for the session 2021-2022.

I certify that the result incorporated in this report is findings of investigation done by her during her project duration and thus may be considered for adjudication of her M.Sc. degree in Zoology.

  
15.06.2022

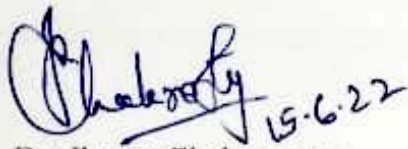
**Head,**

**Department of Zoology**

HEAD  
Department of Zoology  
Rajiv Gandhi University  
Itanagar-791112

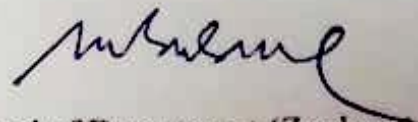
## CERTIFICATE

This is to certify that *Minam Moyong*, a student of Zoology Department bearing the University Roll no. - 20MSZ015 has submitted the project on "PRODUCTION OF CRICKET UPTO 1<sup>st</sup> GENERATION". It is original work done by her under my supervision.



Dr. Jharna Chakravorty  
(Project Guide)

Prof. Jharna Chakravorty  
Department of Zoology  
Rajiv Gandhi University  
Rono Hills, Itanagar-791112



Head of Department (Zoology)

HEAD  
Department of Zoology  
Rajiv Gandhi University  
Itanagar-791112



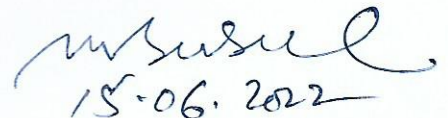
## CERTIFICATE

This is to certify that **Mr Nabam Ama** bearing University Roll no. **20MSZ016** of M.Sc IVth semester Department of Zoology (special paper on Aquaculture and Fish Biology), Rajiv Gandhi University was allotted the research work entitled "**Investigation on sexual dimorphism of *Aborichthys uniobarensis* collected from Rike river, Parang village, Papum Pare, Arunachal Pradesh India.**" and he has completed research project sincerely and diligently.



Place: Department of Zoology

Date:

  
15-06-2022

For Prof. D. N. Das <sup>HEAD</sup>  
Department of Zoology  
Rajiv Gandhi University  
Supervisor cum HoD <sup>791112</sup>

## CERTIFICATE

This is to certify that *Nang Khatina Mein*, a student of Zoology Department bearing the University Roll no- 20MSZ018 has submitted the project on "STUDIES ON CRICKET USED AS FOOD BY THE ETHNIC PEOPLE OF ARUNACHAL PRADESH" with food preference. It is original work done by her under my supervision.



15.6.22

Dr. Jharna Chakravorty  
(Project Guide)

Prof. Jharna Chakravorty  
Department of Zoology  
Rajiv Gandhi University  
Rono Hills, Itanagar-791112



Head of Department (Zoology)

HEAD  
Department of Zoology  
Rajiv Gandhi University  
Itanagar-791112



**RAJIV GANDHI UNIVERSITY, RONO HILLS, DOIMUKH**

***CERTIFICATE OF APPROVAL***

The project entitled "***BEEKEEPING IN ARUNACHAL PRADESH, INDIA***" is hereby approved as a credible study of Entomology subject carried out by Miss Nangki Mize of M.Sc. IVth semester, major in Zoology bearing a University Roll No- 20MSZO19 presented satisfactorily to warrant its acceptance as a prerequisite to the degree for which it is submitted. It is understood by the approval that the undersigned does not endorse or approve any statement made, opinion expressed or conclusions drawn therein, but approves the report only for the purpose for which it has been submitted.


  
13.06.2022

(Dr. Hiren Gogoi)

**Supervisor**

**Department of Zoology, RGU**

Dr. Hiren Gogoi  
Asstt. Prof., Dept. of Zoology  
Rajiv Gandhi University  
Rono Hills, Doimukh-791112

  
13.06.2022

**Head of the Department**

**Department of Zoology, RGU**

HEAD  
Department of Zoology  
Rajiv Gandhi University  
Itanagar-791112

i


**DEPARTMENT OF ZOOLOGY**  
**RAJIV GANDHI UNIVERSITY**  
**RONO HILLS, DOIMUKH, ITANAGAR**

---

**CERTIFICATE**

This is to certify that the dissertation work entitled "*Fish diversity in Namphai River, changlang district, Arunachal Pradesh, India*" is submitted by Miss Nongdam Khimhun, M.Sc IV semester, Roll no. 20MSZO20, for partial fulfillment of M.Sc degree in zoology (Specialization in Fish biology and Aquaculture), 2021 – 2022.

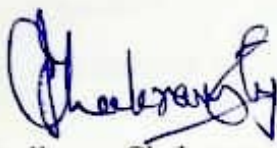
She accomplished the work sincerely by herself, therefore, this work may be considered for adjudication of her M.Sc degree in Zoology.

  
For Prof. D.N. Das  
(HEAD)  
Department of Zoology  
Rajiv Gandhi University  
Itanagar-791112



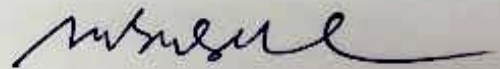
## CERTIFICATE

This is to certify that *Palash Jyoti Chaliha*, a student of Zoology Department bearing the University Roll no- 20MSZ023 has submitted the project on "TO OBSERVE THE DEVELOPMENT OF DROSOPHILA IN CONVENTIONAL CULTURE MEDIA HAVING EXTRACT OF EDIBLE INSECT". It is original work done by him under my supervision.

15.6.22

Dr. Jharna Chakravorty  
(Project Guide)

Prof. Jharna Chakravorty  
Department of Zoology  
Rajiv Gandhi University  
Rano Hillis, Itanagar-791112



Head of Department (Zoology)

HEAD  
Department of Zoology  
Rajiv Gandhi University  
Itanagar-791112

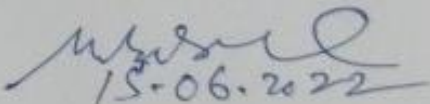
DEPARTMENT OF ZOOLOGY  
RAJIV GANDHI UNIVERSITY  
RONO HILLS, DOIMUKH



CERTIFICATE

This is to certify that **PEMA CHOKI KOMU**, MSc. IV<sup>th</sup> semester student bearing roll no. **20MSZO24**, Department of Zoology, Rajiv Gandhi University has done the project work entitled "*Avian community composition of Ruksin and its adjacent area, east siang district, Arunachal Pradesh*" under supervision of **Dr. Daniel Mize** (Associate Professor, Department of Zoology, Rajiv Gandhi University) for the partial fulfilment of MSc. degree in Zoology (specialization **Ecology & Wildlife Biology**) under Rajiv Gandhi University for the session 2021-2022.

I certify that the result incorporated in this report is findings of investigation done by her during her project duration and thus may be considered for adjudication of her MSc. degree in Zoology.

  
15-06-2022

Head  
Department of Zoology,  
RGU  
Rajiv Gandhi University  
Itanagar-791112

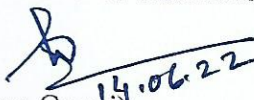


DEPARTMENT OF ZOOLOGY  
RAJIV GANDHI UNIVERSITY  
RONO HILLS, DOIMUKH

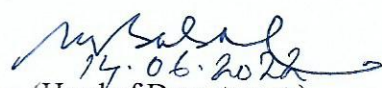


CERTIFICATE

This is to certify that the project report entitled "Report on the diversity of insect pollination in Rono Hill" submitted by Miss Rita Dorsom bearing Roll no: 20MSZO27, REDG. NO. 76-JNC/2017-18 of RGU as a part of the project work for partial fulfilment of the degree for Master of Science embodied the original work done by her.

  
(Dr. Hiren Gogoi)  
Supervisor  
Assistant Professor, Department of Zoology  
Rajiv Gandhi University

Dr. Hiren Gogoi  
Asstt. Prof., Dept. of Zoology  
Rajiv Gandhi University  
Rono Hills, Doimukh-791112

  
(Head of Department)  
HEAD  
Department of Zoology  
Rajiv Gandhi University  
Itanagar-791112

**DEPARTMENT OF ZOOLOGY**  
**RAJIV GANDHI UNIVERSITY, RONO HILLS, DOIMUMUKH**

**CERTIFICATE**

This is to certify that Robita Doley, MSc. IV<sup>th</sup> semester student bearing roll no. 20MSZO28, Department of Zoology, Rajiv Gandhi University has done the project work entitled ***"Beekeeping management and different methods used by local beekeepers of Sivasagar district"*** under my supervision for the partial fulfillment of MSc. degree in Zoology (specialization Entomology) under Rajiv Gandhi University for the session 2021-2022.

I certify that the result incorporated in this report is findings of an investigation done by her during her project duration and thus may be considered for adjudication of her MSc. degree in Zoology.

  
14.06.22  
(Dr. Hiren Gogoi)

Supervisor

Department of Zoology, RGU

Dr. Hiren Gogoi  
Asst. Prof., Dept. of Zoology  
Rajiv Gandhi University  
Rono Hills, Doimukh-791112



Head of the Department

Department of Zoology  
Rajiv Gandhi University  
Itanagar-791112




## CERTIFICATE

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This is to certify that the project entitled '**Exploring the Fish Fauna of River Mendi-Rijo, Upper Subansiri District, Arunachal Pradesh**' submitted by **Takpi Game** bearing Roll No. **20MSZ029**, Department of Zoology, Rajiv Gandhi University for the partial fulfilment of M.Sc. Degree in Zoology (special paper on Aquaculture and Fish Biology) for the session 2020-2022, has been completed under our supervision.

We certify that the result cited in this report are the direct outcome of finding of investigation done by him during the project activities and thus the dissertation may be considered for adjudication of his M.Sc. Degree in Zoology.

*For*   
Prof. D. N. Das  
Supervisor  
HEAD  
Department of Zoology  
Rajiv Gandhi University  
Date: Itanagar-791112

Place: Rajiv Gandhi University

# DEPARTMENT OF ZOOLOGY

**RAJIV GANDHI UNIVERSITY  
RONO HILLS, DOIMUKH**



## CERTIFICATE

This is to certify that Tanmita Kakati, MSc. IVth semester student bearing roll no. 20MSZO30, Department of Zoology, Rajiv Gandhi University has done the project work entitled "Avian community composition of Dollungmukh, Arunachal Pradesh" under my supervision for the partial fulfilment of MSc. degree in Zoology (specialization Ecology & Wildlife Biology) under Rajiv Gandhi University for the session 2021-2022.

I certify that the result incorporated in this report is findings of investigation done by her during her project duration and thus may be considered for adjudication of her MSc. degree in Zoology.

  
15-06-2022  
Head of Department Zoology,  
RGU  
Department of Zoology  
Rajiv Gandhi University  
Itanagar-791112





Ref. No. RGU/ZOO/AG/ MISC /32

Date: 12/06/2022

This is to certify that **Miss. Oman Kambu**, M.Sc. IV<sup>th</sup> Semester student, bearing roll no. 20MSZO22, Department of Zoology, Rajiv Gandhi University has done the project work entitled “**A study on the effect of *Murraya koenigii* on burn injury with special emphasis to angiogenesis..**” under my supervision for the partial fulfilment of M.Sc. degree in Zoology ( Specialization: Cell and Molecular Biology) under Rajiv Gandhi University for the session 2021-2022.

I certify that this project report submitted by **Miss. Oman Kambu** contains original research work done by her under my supervision and thus may be considered for adjudication of her M.Sc. degree in Zoology for the year 2022.

**Dr. Arnab Ghosh**  
Project Supervisor



Ref. No. RGU/ZOO/AG/ MISC /33

Date: 12/06/2022

This is to certify that **Miss. Pumin Tao**, M.Sc. IV<sup>th</sup> Semester student, bearing roll no. 20MSZO25, Department of Zoology, Rajiv Gandhi University has done the project work entitled “**A STUDY ON THE EFFECT OF TERMINALIA ARJUNA ON CHRONIC KIDNEY DISEASES (CKDs).**” under my supervision for the partial fulfilment of M.Sc. degree in Zoology ( Specialization: Cell and Molecular Biology) under Rajiv Gandhi University for the session 2021-2022.

I certify that this project report submitted by **Miss. Pumin Tao** contains original research work done by her under my supervision and thus may be considered for adjudication of her M.Sc. degree in Zoology for the year 2022.

**Dr. Arnab Ghosh**  
**Project Supervisor**





Ref. No. RGU/ZOO/AG/ MISC /31

Date: 12/06/2022

This is to certify that **Miss Himshikha Patowary**, M.Sc. IV<sup>th</sup> Semester student, bearing roll no. 20MSZOO9, Department of Zoology, Rajiv Gandhi University has done the project work entitled “**A study on the anti-diabetic effect of *Murraya koenigii* in Swiss albino mice model.**” under my supervision for the partial fulfilment of M.Sc. degree in Zoology ( Specialization: Cell and Molecular Biology) under Rajiv Gandhi University for the session 2021-2022.

I certify that this project report submitted by **Miss Himshikha Patowary** contains original research work done by her under my supervision and thus may be considered for adjudication of her M.Sc. degree in Zoology for the year 2022.

**Dr. Arnab Ghosh**  
**Project Supervisor**