



**OFFICE OF THE PRINCIPAL**  
**DAKSHIN KAMRUP COLLEGE, MIRZA**  
**P.O.- MIRZA ::: KAMRUP ::: ASSAM ::: PIN-781125**

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*From: Dr. Nabajyoti Das, M.Sc., Ph.D.*

email id: [dkcollege\\_mirza@rediffmail.com](mailto:dkcollege_mirza@rediffmail.com)  
Phone No: 86385-89867

**Strategic Plan: Micro Research Cell**

Dakshin/South Kamrup area of Assam has research potentials which need to be explored and hence the IQAC came out with the innovative idea of opening the Micro Research Cell. The aim of the cell is to encourage research work/ Project work among the young faculty (permanent/contractual) members of the institution. Manas Pratim Baruah, Associate Professor, Department of Political Science came forward to offer one time scholarship of rupees five thousand only in two instalments, under Dr. Girish Chandra Baruah and Dr. Sarala Baruah Trust to encourage research related to issues of the surrounding localities of the institution within a stipulated time frame of six months/one year according to the demands of the work. The said trust was formed on 28/02/2021.

**Activity completed based on strategic plan:**

In the very day of the formation of the Micro Research Cell, the members decided in the meeting to issue a notice inviting application from the young faculty members of the institution in this regard and set 15/03/2021 as last date for submission of the research proposal/project work. The notice is circulated accordingly in all the departments. The members of the cell went through the proposals submitted by the applicants and selected one proposal entitled "A preliminary study on the abundance of butterfly species in Rani Reserve forest and Maliata Hills of Kamrup District, Assam" submitted by Rumi Kalita, Assistant Professor (Contractual), Department of Zoology of the institution. The members of the Cell decided to hand over the first instalment of the stipend on 24/09/2021.

(Dr. Nabajyoti Das)  
Principal  
D. K. College, Mirza



# INTERNAL QUALITY ASSURANCE CELL (IQAC) DAKSHIN KAMRUP COLLEGE, MIRZA

KAMRUP :: ASSAM :: PIN : 781125  
e-mail : dkcollege\_mirza@rediffmail.com

Chairperson

Dr. Nabajyoti Das  
Principal

Co-ordinator

Dr. Gargee Chakraborty  
Associate Professor  
Department of English

Ref. No. ....

Date 25-02-21

Committee of Dakshin Kamrup College Micro Research Centre

Members:

1. Dr. Nabajyoti Das  
Principal
2. Dr. Gargee Chakraborty  
Coordinator
3. Dr. Namita Sarma
4. Prof. Pranita Kakati
5. Dr. Durlav Narayan Singha
6. Dr. Janendra Upadhyay
7. Prof. Manash Pratim Baruah  
Donor

(Dr. Nabajyoti Das)  
Principal & Chairperson, IQAC  
Dakshin Kamrup College, Mirza

(Dr. Gargee Chakraborty)  
Coordinator, IQAC  
Dakshin Kamrup College, Mirza



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 E-mail: dkcollege\_mirza@rediffmail.com::Website: www.dkcollegeonline.in  
 Telephone: 03623-230123

No. ....

Date: 24/09/2021

From: Dr. Nabajyoti Das, M.Sc., Ph.D.  
 Principal & Secretary

To,  
 Ms. Rumi Kalita  
 Assistant Professor (Contractual)  
 Department of Zoology  
 D.K.College, Mirza

Sub: Research/Project work on "Issues of the surrounding localities of D.K.College, Mirza".

Ref: Your application dated 12/03/2021.

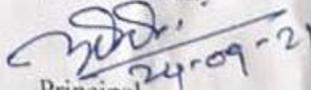
Dear Kalita,

With reference to the subject cited above, the undersigned is pleased to inform you that the Executive Committee of the Micro Research Centre, D.K.College, Mirza in its meeting held on 10/04/2021 went through your application and other related documents and found the same to have fulfilled the requirements for the one time scholarship under "Dr. Girish Ch. Baruah and Dr. Sarala Baruah Trust" managed by Mr. Manash Pratim Baruah.

Hence the committee has decided to award you this one time scholarship to carry the research/project work mentioned above.

You are requested to carry your work as per terms and conditions of the scholarship under this trust.

Yours faithfully

  
 24-09-21  
 Principal  
 D.K.College, Mirza

Principal  
 Dakshin Kamrup College  
 Mirza-781125

DATE:

Meeting of the Executive Committee of the Micro Research Cell, D.K. College, Mirza.

- ① সভাপতিত্ব আদান গ্রহণ
- ② সভার উদ্দেশ্য কাছাকাছি — ডঃ নমিতা শর্মা
- ③ দাতার হুজুমাব
- ④ চেক প্রদান অনুষ্ঠান
- ⑤ সভাপতির সম্ভব্য

Members present in the meeting.

1. স্বপ্নাঙ্কিতা
2. নমিতা শর্মা
3. অনীতা কাকতি
4. Durlab Nr. Singha.
5. Jitnu Bora
6. Manath Pratik Barmah
- 7.



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KAMRUP :: ASSAM :: PIN : 781125  
e-mail : dkcollege\_mirza@rediffmail.com

Chairperson

Ref. No. ....

Date 28-02-2021

Dr. Nabajyoti Das  
Principal

## NOTICE

Co-ordinator

Dr. Gargee Chakraborty  
Associate Professor  
Department of English

Dakshin Kamrup College Micro Research <sup>Cell</sup> Centre invites application from the young faculty members of Dakshin Kamrup College, Mirza for a research/project work dealing with the **issues of the surrounding localities of our college**. The duration of the research/project work will be of 1 year. The committee will select one faculty per year and the selected faculty member will get a financial assistance of Rs. 5000/- (in 2 instalments depending on the progress report).

Interested faculties are requested to submit the proposal of the research/project work on or before 15<sup>th</sup> March, 2021 to Dakshin Kamrup College Micro Research Centre.

(Dr. Nabajyoti Das)  
Principal & Chairperson, IQAC  
Dakshin Kamrup College, Mirza

(Dr. Gargee Chakraborty)  
Coordinator, IQAC  
Dakshin Kamrup College, Mirza

## A preliminary study on the abundance of butterfly species in Rani reserve forest and Maliata hills of Kamrup District, Assam

Rumi Kalita, Assistant professor (part-time) Dakshin Kamrup College, Mirza-781125, Kamrup, Assam

**Abstract:** The aim of the study is to have a primary calculation of butterfly species of two areas of Kamrup district of Assam i.e.; Rani Reserve forest and Maliata hills in different seasons throughout the current year. Earlier studies found out 40 species of different families of butterflies from this area. It is assumed that several species are still to be described. Nymphalidae butterflies were most abundant with 20 species in the region and Rani Reserve forest harbors more species than Maliata hills as found during the study. The environment of the two areas stated have high capability to support enormous varieties of Lepidoptera species.

**Key words:** butterfly, nymphalidae, lepidoptera

### Introduction:

The member of Indian butterflies reported in one fifth of total amount of the world butterfly species (Kunte 2000, Evans 1992). The total number of butterfly species observed from the Indian region is about 1504, one of which is about 962 species of butterfly belonging to five taxonomic families from Assam region alone. Doubleday (1845) seems to be the first person to work on butterflies in the state when he worked in northern Assam covering the areas of Sadia, Jorhat and Cachar followed by Moore (1857) who worked in Abor hills and Mishimi hills including Sadia (Bora & Meitei, 2014). A number of studies were done in various pockets of Guwahati city, Assam to ascertain the number butterfly species (Ali & Basistha 2000, Barma et al, 2015, Saikia et al, 2015). The eastern Himalaya is one of the richest areas of butterfly species within Indian subcontinent. 58% of the butterflies that occurring in Indian subcontinent and Myanmar are found in eastern Himalayas as well as in north east India alone (Evans, 1932). The main reason of the phenomenal diversity in the region having unique biogeographic location at the junction of Indian and Indo Chinese sub regions. The greatest diversity of plants is the major influence on butterfly distributions, diversity and abundance (Vidya 1996, Kakati 2006). Butterflies beside being recognized important resources in aesthetics, educational and environmental investigations are now considered as ecological indicators.

### Objectives of the study:

1. To access the diversity of butterfly fauna.
2. To calculate the abundance of butterfly species.
3. To identify and scrutinized the species of butterfly which are of conservation importance.

### Materials and method:

#### Study area:

##### Rani Reserve Forest:

The Rani reserve forest area is about 43.70 km<sup>2</sup> as per Reserved register and falls under Rani range of east Kamrup Forest division, Kamrup District, Assam is about 15 km south-west of Guwahati, Assam. The region lies between 91°35'-91°45'E longitude and 26°0'-26° 10'N latitude. It is one of the oldest and largest reserved forests in



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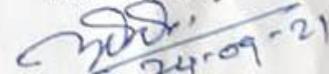
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