



Office of the Principal  
**RANGAPARA COLLEGE, RANGAPARA**

ৰঙাপৰা মহাবিদ্যালয়, ৰঙাপৰা

(Affiliated to Gauhati University, UGC Recognised under 2(f) & 12 (B)  
P.O.- Rangapara, Dist - Sonitpur 784 505

**Dr. Ranjan Kalita**, M.A. MMC, Ph.D.  
Principal  
&  
Research Supervisor, G.U.

94351 80914  
99543 87 932

### Metric Id: 3.2.1

#### 3.2.1. Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge:

- A. Notification of Research and Development Cell
- B. College Funded Research Project (Community Based)
- C. Patent received certificate
- D. SCI/SCIE/SSCI/AHCI/UGC APPROVED/ UGC CARE / SCOPUS/  
Listed publications/ Book Chapters
- E. Thulunga, a multidisciplinary student journal
- F. SERB Research Grant
- G. Ph.D Research Guideship
- H. Research Methodology Course
- I. Awareness Programme on Intellectual Property Rights
- J. Certificate of Establishment of Institution's Innovation Council



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Ref: *RC/UGC-6/MRP-187/2022/615(A)*

Date: 23/12/2022

## Notification

In partial modification of this office order issued vide memo No. RC/NAAC/GA/2020/01 Dated 05/11/2020, the **Research and Development Cell (RDC) committee** for Rangapara College is reconstituted with the following members as per the UGC guideline and the order letter No. 1-5/2021(NEP/Desk-Par1) Dated 16/12/2022.

1. Chairperson, Research Advisory Council (RAC): **Dr. Ranjan Kalita**, Principal
2. Convener: **Dr. Azizul Hoque**, Head & Assistant Professor, Dept. of Mathematics
3. Finance & Infrastructure: **Dr. Mamata Barthakur**, Head & Assistant Professor, Dept. of Commerce
4. Research Program & Policy Development: **Dr. Gitartha Kaushik**, Assistant Professor, Dept. of Zoology
5. Collaboration & Community: **Dr. Pradip Barman**, Head & Assistant Professor, Dept. of History
6. Product Development, Monitoring & Commercialization: **Dr. Pamela Sarmah**, Head & Assistant Professor, Dept. of English
7. IPR, Legal & Ethical Matters: **Dr. Gaurango Chakrabarty**, Head & Assistant Professor, Dept. of Chemistry

(Dr. Ranjan Kalita)  
Principal  
Rangapara College

**Principal**  
**Rangapara College**



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P.O.- Rangapara, Dist - Sonitpur 784 505

**Dr. Ranjan Kalita**, M.A. MMC, Ph.D.

Principal

&

Research Supervisor, G.U.

94351 80914  
99543 87 932

Ref No. RC/UGC-6/MRP-187/2021/535

Date 30/12/2021

Rangapara College  
Rangapara, Sonitpur, Assam  
College Funded Research Project.


As per the recommendation of the Technical Committee of the College Funded Research Project (CFRP), the following projects have been selected and the same has been approved by the Governing Body of the college in its meeting held on 28/12/2021.


Sl. No	Name of the Faculty	Department	Name of the Topic	Amount to be sanctioned	Duration of the Project
01	<u>Dr Pamela Sarmah</u>	<u>English</u>	Self and North-East Women's writings- The Unfolding of the Feminist	10000 (40% + 40%+20%)	180 days
02	<u>Dadhiram Brahma</u>	<u>Bodo</u>	Superstitious Beliefs and Witch Hunting among the Bodo People: A Case Study of North Rangapara area under Sonitpur District (Assam)	10000 (40% + 40%+20%)	180 days
03	<u>Subham Roy</u>	<u>Botany</u>	Entophytic Fungi associated with Camellia sinensis (Assam Tea) and their role in plant growth promotion and antifungal activity against Fusarium solani	15000 (40% + 40%+20%)	180 days
04	<u>Nupam Kumar Palit</u>	<u>Commerce</u>	An Assessment of Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA): A Case study of Rangapara Development Block	10000 (40% + 40%+20%)	180 days
05	<u>Sangeeta Kalita</u>	<u>Education</u>	A Study on supervision Practices of Primary Schools of Rangapara Town	10000 (40% + 40%+20%)	180 days
06	<u>Dr.Gitartha Kaushik</u>	<u>Zoology</u>	Bioaccumulation of Heavy metals in fishes collected from water bodies near tea gardens of Rangapara College	15000 (40% + 40%+20%)	180 days

The above faculties have been requested to initiate the research work as per the guideline and accordingly the approved amount will be released.

Copy to-

1. Co-ordinator, IQAC
2. Accountant, Rangapara College
3. Person concerned
4. Office file

  
Dr. Ranjan Kalita  
Principal  
Rangapara College  
Principal  
Rangapara College

  
Dr. Ranjan Kalita  
Principal  
Rangapara College  
Principal  
Rangapara College



ORIGINAL

No. 114896

भारत सरकार  
GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

## CERTIFICATE OF REGISTRATION OF DESIGN

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Date 02/04/2022 16:09:36  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 24-02 in respect of the application of such design to INSULIN DISPENSING DEVICE WITH BODY GLUCOSE MONITORING in the name of 1. DR. SANTOSH KARAJGI, PROFESSOR AND HOD, DEPARTMENT OF PHARMACEUTICAL QUALITY ASSURANCE BLDEA'S SSM COLLEGE OF PHARMACY AND RESEARCH CENTRE, BANGARAMMA SAJJAN CAMPUS, BM PATIL ROAD, VIJAYAPURA 586103 2. DR.P.MAHALAKSHMI, ASSISTANT PROFESSOR, DEPARTMENT OF BIOTECHNOLOGY GURU NANAK COLLEGE AUTONOMOUS CHENNAI-42 3. DR.GANAVI RAMAGOPAL, PROFESSOR & HOD, DEPARTMENT OF PEDIATRICS DHANALAKSHMI SRINIVASAN MEDICAL COLLEGE AND HOSPITAL, PERAMBALUR, TAMIL NADU 4. DR. S. SELVAKUMAR, ASSISTANT PROFESSOR, DEPARTMENT OF PHYSIOLOGY DHANALAKSHMI SRINIVASAN MEDICAL COLLEGE AND HOSPITAL, PERAMBALUR, TAMIL NADU, ET AL.

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DR. ARUNA KUMARI NAKKELLA,  
C/O B SIVA PRASAD, D. NO. 9-6-75/2, LAWSON'S BAY  
POST, SIVAJIPALEM, NEAR SIVAJI PARK,  
VISAKHAPATNAM 17, ANDHRA PRADESH 530017

Date of Issue 07/06/2022 13:04:22

## SCI/SCIE/SSCI/AHCI Listed

### 2023

- Kalyan Chakraborty and **Azizul Hoque**, [Lehmer sequence approach to the divisibility of class numbers of imaginary quadratic fields](#), *The Ramanujan Journal* (to appear).
- Kalyan Chakraborty, Shubham Gupta and **Azizul Hoque**, [SD\(n\) for distinct n's](#), *Mediterranean Journal of Mathematics*, 20 (2023), no. 1, 13pp, article no. 31.
- Kalyan Chakraborty, Shubham Gupta and **Azizul Hoque**, [On a conjecture of Franusic and Jadrijevic: Counter-examples](#), *Results in Mathematics*, 78 (2023), no. 1, 14pp, article no. 18.

### 2022

- Chiranjib Mili, Sanjib Kalita, **Subham Roy**, Microbes as a potential bioremediation tool for atrazine-contaminated soil: A review, *Journal of applied biology and biotechnology*, (2022), 8pp. (IF: 0.929, Open Science Publishing LLP).
- Suman Lahkar, Shahnaz Ahmed, **Kiranjyoti Mohan**, Priyankamoni Saikia, Jyoti Prakash Das, Panchanan Puzari, and Swapan Kumar Dolui, Iron doped titania/multiwalled carbon nanotube nanocomposite: a robust electrocatalyst for hydrogen evolution reaction in aqueous acidic medium, *Electrochimica Acta*, 407 (2022), 8pp. (IF: 7.336, Elsevier).
- **Azizul Hoque**, On a conjecture of Iizuka, *Journal of Number Theory*, 238 (2022), 464-473. (MCQ/IF: 0.71/ 0.679: Elsevier).
- **Azizul Hoque**, Generalized Mersenne numbers of the form  $cx^2$ , *Annales Mathematicae et Informaticae*, (MCQ/IF: 0.23/0.34, Liceum University Press).
- **Bijoy Sankar Boruah**, Assessing heavy metal ion contamination through functionalized D-shaped optical fiber, *Optical Fiber Technology*, 72 (2022), Art. No. 102996. (IF: 2.8, Elsevier).

# 2021

- **A. Hoque**, [On the exponents of class groups of some families of imaginary quadratic fields](#), *Mediterranean Journal of Mathematics*, 18 (2021), no. 4, 13pp. article no. 153. (MCQ/IF: .69/1.4, Springer, Italy)
- S. Banerjee, K. Chakraborty and **A. Hoque**, [An analogue of Wilton's formula and values of Dedekind zeta functions](#), *Journal of Mathematical Analysis and Applications*, 465 (2021), no. 1, 124675. (MCQ/IF: 1.22, Elsevier, USA).
- K. Chakraborty, **A. Hoque** and K. Srinivas, On the Diophantine equation  $cx^2 + p^{2m} = 4y^n$ , *Results in Mathematics*, 76 (2021), no. 2, 12pp, article no. 57. (MCQ/IF: 1.18, Springer/Birkhauser, Spain).
- K. Chakraborty, **A. Hoque** and R. Sharma, [On the solutions of certain Lebesgue-Ramanujan-Nagell equations](#), *Rocky Mountain Journal of Mathematics*, 51 (2021), no. 2, 459-471. (MCQ/IF: 0.48, [Rocky Mountain Mathematics Consortium](#), USA).
- N. Kakoty, **P. Boruah** and S. Borkotoky, [The role of the non-productive players in cooperative games with transferable utilities: a survey](#), *International Journal of General Systems*, 50 (2021), no. 5, 527-547. (IF: 1.67, Taylor & Francies, UK)
- **B. S. Boruah** and R. Biswas, [In-situ sensing of hazardous heavy metal ions through an ecofriendly scheme](#), *Optics & Laser Technology* 137 (2021), pp. 7, article id. 106813. (SCI, IF: 3.687, Elsevier)
- K. Deka , S. Adhikari , **R. Moulick**, S. S. Kausik and B. K. Saikia, [Effect of collisions on the plasma sheath in the presence of an inhomogeneous magnetic field](#), *Physica Scripta*, 96 (2021), no. 7, 16pp. (SCI, IF: 2.487, IOPScience)
- **R. Moulick**, A. Garg and M. Kumar, [Sheath formation in the presence of non-extensive electron distribution](#), *Contributions to Plasma Physics*, (2021), 1-10. (SCI, IF: 1.563, WILEY-V C H VERLAG GMBH, Germany)

## 2020

- **D-Brahma**, [The cultural and religious background of the Bodo community](#), *Bulletin Monumental*, 21 (2020), no. 8, 60-71. (AHCI, IF: 0.19)
- K. Chakraborty, **A. Hoque** and R. Sharma, [Complete solutions of certain Lebesgue-Ramanujan-Nagell equations](#), *Publicationes Mathematicae Debrecen*, 97 (2020), no. 3-4, 339--352. (MCQ/IF: 0.55, [Institute of Mathematics](#), Hungary).

### Scopus Listed/ UGC Approved

## 2022

- **Naba Kanta Das and Pranjal Kumar Nath**, Nayi Siksha niti aur Asom ki B. Ed. Siksha, Dwibhashi Rashtrasewak, 10 (2022), 72-74. (IF: --, ARBPS).
- **Naba Kanta Das and Pranjal Kumar Nath**, Bharatiya Sanskriti mei Shankardev, Aadhunik Sahitya, 42 (2022), 16-22. (IF: --, Biswa Hindi Sahitya Parishad).

## 2021

- **C. Das** and P. Das, Rediscovering the Cultural Heritage: A Study of the Musical Instruments in Art of Early Assam, *Dogo Rangchang Research Journal*, 13 (2021), 1-8.

## 2020

- **S. Purkayastha** and R. Choudhury, Unsteady hydromagnetic electrically conducting flow past a continuously moving inclined plate, *Mathematical Forum*, 28 (2020), no. 1, 87-98.
- R. Uzir and **D. Brahma**, [History of movement and contributions for the Bodos for Bodoland from Gohpur](#), *Journal of Xi'an University of Architecture & Technology*, 12 (2020), no. 8, 729-732. (Scopus, IF: 3.7)

## Other Journals

### July, 2020-June, 2021

- **B. P. Bora**, [Educational Aspiration of the Secondary School Students in Char Areas of Barpeta District Of Assam](#), *PSYCHOLOGY AND EDUCATION*, 58 (2021), no. 2, 2767-2775.
- **B. P. Bora**, PERCEPTION OF PARENTS AND CHILDREN TOWARDS SOCIETY AND ROLE OF HIGHER EDUCATION, *SODH SANSAR BULLETIN*, 11 (2021), no. 41, 155-160.
- **B. P. Bora**, IMPLICATION AND STATUS OF TEACHING-LEARNING AND EVALUATION PROCESS IN SECONDARY SCHOOLS: AN ANALYTICAL STUDY, *SODH SARITA*, 8 (2021), no. 29, 43-48.
- **B. Das**, ["सूरजमुखी अंधेरे के " की नायिका रत्ती और आज के समाज में नारी जीवन में निहित त्रासद स्थिति: एक अवलोकन](#), *International Journal of Hindi Research*, 7 (2021) no. 4, 01-04. (RJIF: 5.22)

### July, 2019-June, 2020

- **N. Chetia**, The Complexities in the creation of 'narrative suspense' in John Fowles' novel *The French Lieutenant's Woman*, *International Journal of English Language, Literature in Humanities*, 7 (2019), no. 8, 1-7.

### July, 2018-June, 2019

- **A. Sarmah**, [The impact of marital status on the labour force composition: a case Assam economy](#), *International Journal of Research in Economics and Social Sciences*, 9 (2019), no. 5, 360-369. (IF: 6.939)
- **P. Barman**, [Maidam, the burial construction technology of the Ahoms](#), *Journal of Emerging Technologies and Innovative Research*, 6 (2019), no. 2, 506-512, (JETIR: 5.87)
- **M. Borthakur**, [Growth of Small Tea Gardens in Assam : A tool for Rural Economic Development](#), *International Journal of Research in Commerce, Economics & Management*, 09 (2019), No. 5, 11-13.
- **M. Borthakur**, [Growth of Small Tea Gardens in Sonitpur District, Assam: It's Impact on Rural Economy](#), *International Journal of Research in Commerce and Management*, 10 (2019), no. 5, 7-9.

### July, 2017-June, 2018

- **N. K. Palit** and H. Goowalla, An assessment of services under the Integrated Child Development Services (ICDS) in Sonitpur District of Assam, *Pezzottaite Journal*, 6 (2017), no. 3, 75-80.



## July, 2016-June, 2017

- **L. C. Baishya** and K. C. Das, [Bodo Politics For Identity Assertion: A Study](#), *International Journal of Scientific Research and Education*, 5 (2017), no. 1, 6175-6179.
- **L. C. Baishya** and K. C. Das, [Identity Politics and Socio-Economic Change of the Bodos of Assam](#), *International Journal of English Language, Literature and Humanities*, 5 (2017), no. 1, 103-110.
- **N. Chetia**, [PROJECTION OF LONDON AS A QUEER SPACE OF 'PERIL' AND 'PLEASURE' IN E.M. FORSTER'S MAURICE](#), *Research Journal of English Language and Literature*, 4 (2016), no. 4, 929-931.
- **N. K. Palit** and H. Goowalla, Role of women in sustainable development with special reference to Anganwadi Workers of Rangapara Integrated Child Development services (ICDS) project in Sonitpur District of Assam, *Pezzottaite Journal*, 6 (2017), no. , 3122-3131.
- **R. C. Sarkar**, Dalit Bimarsha, Shahitya ke shandarba me, Royal, 1 (2017), 28-29.
- **P. Sarmah**, [Subjects in Discourse: Black Feminist Autobiographical Query](#), *Research Journal of Language and Literature*, 5 (2017), no. 1, 694-697. ICI-IF 6.8993

## Book Chapters

### 2023

- Soma Barman, Ratan Chowdhury and Satya Sundar Bhattacharya, [Fungal-Based Land Remediation](#), *Bio-Inspired Land Remediation* pp 165–188, 2023, (Springer)

### 2022

- Subham Roy, Ratan Chowdhury, Hangma Boro, Biman Kumar Sarma, Sanjib Kalita, [Bioethanol Production from Lignocellulose Agricultural Waste Biomass](#), *Agriculture Waste Management and Bioresource: The Circular Economy Perspective*, Wiley, 2022.

- Soma Barman, Ratan Chowdhury and Satya Sundar Bhattacharya, [Screening of Endophytes for Nematicidal Activities](#), *Endophytic Microbes: Isolation, Identification, and Bioactive Potentials* pp 225-235, 2022 (Springer).
- Rakesh Sarakar, Rabindranather chotogolpe narir sthan, Thulunga, Vol. II, Rangapara College, 2022, 44-50.
- Kaberi Mukherjee, Bedanta bisare sri choitanyadeb o basudeb sarbobhoim: ekti bisleshanatmak adhyan, Thulunga, Vol. II, Rangapara College, 2022, 51-56.
- Kabita Saha, Nistabdata bahnisikha: Prasanga Lakshinath Bezbaruar choto galpo, Thulunga, Vol. II, Rangapara College, 2022, 57-60.
- R. Basumatary, Bima Rawa, Thulunga, Vol. II, Rangapara College, 2022, 25-29.
- Kiranjyoti Mohan, 2D nanomaterial-based Sensors for Monitoring of Air and Water Quality, 2022, Springer. (To appear)
- Kiranjyoti Mohan, Carbon Dots and Their Sensing Behavior in Organic Medium, Nanoscale matter and principals for sensing and levelling applications, 2022, Springer. (to appear).
- Bijoy Sankar Boruah, Heavy metals in E-waste: Its toxicity and health effects, E-waste in India, 2022, Authorspress.
- Biman Kumar Sarma, Aquatic insects as Bioindicator for Bio-Monitoring of water pollution in wetland, 2022, 43-51, Selfpage Developers Pvt. Ltd. USA.

## 2021

- **P. Boruah**, New characterizations of the discounted shapley value, *Game Theory and Networks: New Perspectives and Directions*, Springer India, (to appear).
- **P. Barman**, Kherai and Garja: The Customary Belief and Faiths of the Bodos, *Exploring local History and Folk Culture of North East India*, N. N. Saikia College, Titabar, Jorhat, Assam (2021), 211-219.
- **P. Barman**, Tourist Spots in Assam: Prospects and Potentialities, TOURISM AND THE GLOBAL CRISES, *PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE*, TOURISM DEPARTMENT AT FACULTY OF ECOMOMICS OF THE "ST. CYRIL AND ST. METHODIUS" UNIVESITY OF VELIKO TURNOVO, BULGARIA Publishing house "I and B" Veliko Turnovo (2021), 445-463.

- **P. Borah**, People: One River, Many Cultures/ Tea Tribes, in Ganesh Pangare, Bushra Nishat, Xiawei Liao and Halla Maher Qaddumi (eds.), *The Restless River*, World Bank: Washington, DC, 2021.
- **C. Das**, Reminiscing Tezpur through Folktales and Sculptural Heritage, *Exploring Local History and Folk Culture of North East India*, N. N. Saikia College, Titabar, Jorhat, 2021, 20-27.
- R. Basumatary, Bodo auro dimasa rawani mungraini sayab monse rujudhari sabraynay, Education, Human Development and Sustainable growth, ISOC, Assam, 2021, 554-559.

## 2019

- **B. P. Bora**, Yoga: A Tool for building an Educative Mind, *Recent Trends in education*, Akhand Publishing House, 2019, Delhi, 202-208.
- **N. Chetia**, Reading the elements of intrusion in selected poems of John Donne, *Perspectives in Social Science, Humanities, Arts and Philosophy*, KY Publications, 2019, Guntur, 62-66.
- **R. Basumatary**, Boro harimuni dorodari damgra degra, *Swrjilal*, Rangapara primary bodo sahitya sabha, Assam, 2019, 25--35.
- **P. Barman**, Violation against Women in Assam: From the Humanitarian Perspective (2002-2012), *Human Rights and Challenges of Women in India*, Anamika Publishers & Distributors (P) Ltd. New Delhi (2019), 375-380.
- **N. Chetia**, Problematics of 'Memory' and 'Trauma' in Amitav Ghosh's novel The Shadow Lines, *Research Trends in Multidisciplinary Research*, Akinik Publications, New Delhi, 2019, 83-89.
- **R. C. Sarkar**, Bivutivushonor Ichamoti Uponyasot nodimatrik poribeshor chitrayan, *Anudhyan*, 7 (2019), 51--54.
- **R. C. Sarkar**, Role of Assamese Women in The Quiet India Movement of 1942, *Human Rights and Challenges of Women in India*, (2019), 293-296.
- **R. Basumatary**, Linguistics: a science of language, *Anudhyan*, 7 (2019), 197--201.

# 2017

- **P. Barman**, Historical Background of Tea Garden Labour Community of Brahmaputra Valley of Assam and their contribution to the growth of Assamese Society, *Society, Economy, and Environment of Tista-Brahmaputra Valley*, Abhijit Publications, New Delhi (2017), 231-242.
- **M. Borthakur**, Quality Awareness and Management Problems of Small Tea Gardens of Assam: A Case Study of Sonitpur District (undivided), *Consumer Awareness: Problems and Prospects*, Department of Commerce, Rangapara College, Sonitpur, Assam (2017), 156-161.
- **D. Brahma**, Jujayani aur salmayaw nujanay samajari bithi, *Boro soloma-dahararw somajarisogari*, Department of Bodo, Rangapara College, Rangapara, Assam (2017), 49-51.
- **R. Basumatary**, Aida saranlu salmayab berkhannay boro samajni samajri swagari sayab sawraynay, *Boro soloma-dahararw somajarisogari*, Department of Bodo, Rangapara College, Rangapara, Assam (2017), 39-43.
- **P. Barman**, Border Dispute and Creation of new Posts: The Frontier Policy of the Ahoms, *Inter-State Border Dispute in North East India*, Khagarijan College, Nagaon, Assam (2017), 51-62.
- **P. Barman**, New Trends in History in the Higher Education of India with Special Reference to University Syllabus, *New trends in Higher Education*, Ajanta Prakashan, Jaisingpura, Aurangabad (2017), 125-131.
- **M. Borthakur**, Evaluation of Business Education in India, *Business Education: The Changing Scenario*, Department of Commerce, Rangapara College, Sonitpur (2017), 68.
- **N. K. Palit**, Business Education: Prospects and Challenges, *Business Education: Changing Scenario*, 2017, 60-67.

## List of books/edited books published by the members of the college

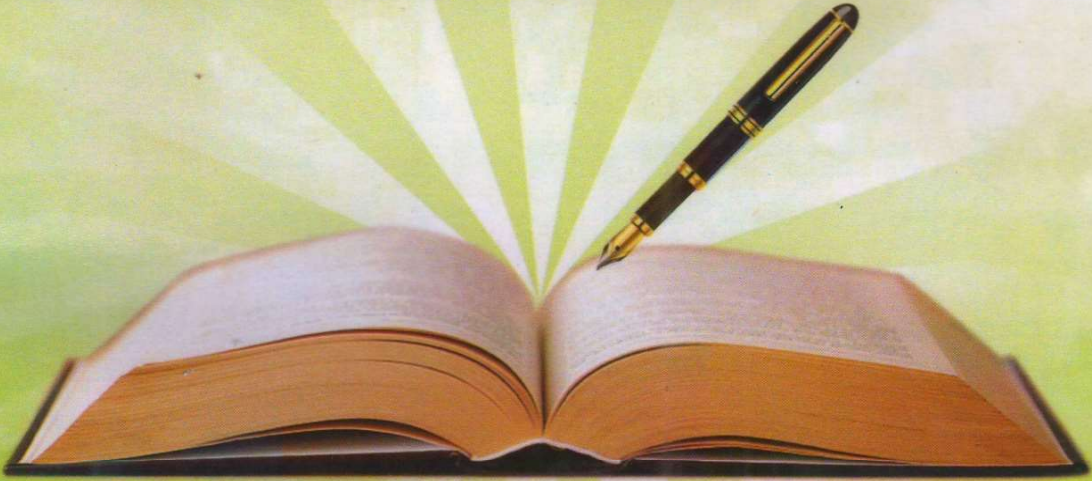
- **Mamata Borthakur**, Growth of small tea gardens in Sonitpur district (Undivided), Purbayon Publication, 2022, 978-93-92699-29-0.
- U. Kalita and **B. P. Bora**, Sikshar Samakalin Chinta Aaru Bicharya Bisay, *Shanti Prakashan, Guwahati*, December, 2018, 200pp, ISBN- 893844663-8



# থলুংগা

## Thulunga

A Multilingual Students Research Journal  
Volume- II, Session-2022-23



Department of Bodo in association with  
Literary Association, Rangapara College

Editor / সুজুগিরি-  
Prasanta Boro

## SERB Grant

FILE NO. MTR/2021/000762  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
(a statutory body of the Department of Science & Technology, government of India)  
Science and Engineering Research Board  
3rd & 4th Floor, Block II  
Technology Bhavan, New Mehrauli Road  
New Delhi - 110016

Dated: 15-Feb-2022

### ORDER

Subject: Financial Sanction of the research project titled **?Some Problems on Diophantine Equations?** under the guidance of **Dr. AZIZUL HOQUE, Mathematics, Rangapara College , Balipara-rangapara road, amaribari, rangapara, Sonitpur, Assam-784505** - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 6,60,000/- (Rs. Rupees Six Lakh Sixty Thousand only Only)** for a duration of 36 months.

The items of expenditure for which the total allocation of **Rs. 6,60,000/-** has been approved are given below:

S. No	Budget Head	Amount	Total (in Rs.)
1	Research Grant	Rs. 2,00,000/- per annum(for a period of three years)	6,00,000
2.	Overheads	Rs. 20,000/- per annum	60,000
3.	Total Cost		<b>6,60,000</b>

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 2,20,000/- (Rupees Two Lakh Twenty Thousand only)** under 'Grants-in-aid General' to **Rangapara College, Balipara-Rangapara Road, Amaribari, Rangapara** being the first installment of the grant for the year 2021-2022 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**  
**This release is being made under MATRICS - MATRICS Expert Committee**

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/8437/2021-2022** dated **14 February, 2022**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ( [www.serb.gov.in](http://www.serb.gov.in)).

6. Purpose for which grants can be used are detailed at website ([www.http://serb.gov.in/matrix.php](http://www.http://serb.gov.in/matrix.php)).

7. Total expenditure for International travel cannot exceed Rs.2,00,000 of the overall budget.

8. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The release amount of **Rs. 2,20,000/- (Rupees Two Lakh Twenty Thousand only)** (Recurring Rs. 220000 and Non-Recurring Rs. 0) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	ASSO00004400
Account Name	Rangapara College
Account Number	11399156349
Bank Name & Branch	State Bank of India Rangapara, Sonitpur-784505, Assam
IFSC/RTGS Code	SBIN0003883
Email address of PI	ahoque.ms@gmail.com
Email id of A/C Holder	rangaparacollege01@gmail.com
Email address of concerned officer	ms_ms@serbonline.in

11. The institute will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

## Ph.D Research Guideship



### GAUHATI UNIVERSITY OFFICE OF THE ACADEMIC REGISTRAR GUWAHATI-781014, ASSAM

No: GU/Acad/Ph.D/Guide-Recog/2022/2770 -2813 Date: 13/12/2022

From

Prof. Ratul Mahanta  
Academic Registrar i/c  
Gauhati University

To

Dr. Ajijul Hoque  
Head & Assistant Professor  
Rangapara College

Sub : Recognition as Ph.D Research Guide

Sir,

With reference to the above, I am to state that the Executive Council in its meeting held on 07.11.2022 vide Resolution No.R/Ec-04/2022/41(e) has approved you as a Ph.D Research Guide of the University as noted below:

1. Date of Effect: 07.12.2022
2. Faculty to which assigned: Science
3. Subject to which affiliated: Mathematics

In this connection I am directed to say that as a Ph.D recognized Guide you will be required to observe the relevant Rules and regulations framed by the Competent authority from time to time pertaining to Ph.D Research work under this University.

  
Academic Registrar i/c  
Gauhati University

Memo No.GU/Acad/Ph.D/Guide-Recog/2022/.....Date..... 2770-2813 13/12/2022

Copy Forwarded for information and necessary action to:

1. Dean of the Faculty of Science,G.U
2. Head of the Department of Mathematics,GU
3. Office File

  
Academic Registrar i/c  
Gauhati University

## Research Methodology Course



Office of the Principal  
**RANGAPARA COLLEGE, RANGAPARA**

ৰঙাপৰা মহাবিদ্যালয়, ৰঙাপৰা

(Affiliated to Gauhati University UGC Recognised under 2(f) & 12 (B)  
P.O. - Rangapara Dist - Sontpur 784 505

**Dr. Ranjan Kalita**, M.A. MM. Ph.D.

Principal

&

Research Supervisor - G.U.

98 951 10314  
98543 87142

### Notification

It is hereby notified to all Head of the Departments that a Research Methodology course is scheduled to organize by Research & Development Cell, Rangapara College as per the following:

Date: April 23, 2022 to May 28, 2022

Day: Monday, Wednesday and Saturday

Time: 9:20 to 10:30 AM for Monday, Wednesday

9:20 to 11:30 AM for Saturday

The following participants are eligible for the same:

- Those who have Research Methodology as a course in any semester.
- Selected Science students
- Few nominated students by the respective department
- Interested faculty members

It is a request to all the Heads to send the list participants to the Research & Development Cell in the email [rdcellrc@gmail.com](mailto:rdcellrc@gmail.com) on or before 5:00 PM, April 22, 2022. The heads of the respective Departments must ensure that all the participants should attend the 100% classes. Certificate will be provided to all the participants after successful completion of the course.


  
21.04.22  
(Dr. Azizul Hoque)

Convener, Research & Development Cell  
Rangapara College

  
(Dr. Ranjan Kalita)  
Principal  
Rangapara College



## Awareness Programme on Intellectual Property Rights



*Office of the Principal*

**RANGAPARA COLLEGE, RANGAPARA**

**বঙাপৰা মহাবিদ্যালয়, বঙাপৰা**

(Affiliated to Gauhati University. UGC Recognised under 2(f) & 12 (B))  
P.O - Rangapara. Dist - Sonitpur 784 505


94351 80914  
99547 87 932

**Dr. Ranjan Kalita**, M.A. MMC. Ph.D

Principal  
&  
Research Supervisor G.U

### Report on the Awareness Programme "Intellectual Property Rights"

Sl. No.	Particular	Details
1	Organizing Cell	Research and IPR Cell in Association with NIPAM Cell, Indian Patent office(IPO), Ministry of Commerce & Industry, DPIIT, Government of India
2	Date	March 22, 2022
3	Time	1:30 PM –2.30 PM
4	International/ National/ State	National
5	Platform Used	<b>Cisco WebEx</b>
6	Coordinator/Convener	Dr. Azizul Hoque, HoD, Department of Mathematics
7	Publicity	NIPAM Cell, Indian Patent office(IPO), Ministry of Commerce & Industry, DPIIT, Government of India
8	Speaker	Mr. Shubham Harsh Singh, Examiner of Patent and Designs, Indian Patent office(IPO), Ministry of Commerce & Industry, DPIIT, Government of India
9	Objective	To provide the effective knowledge on Intellectual Property Rights, patents, Designs, Trade Marks, Copyrights
10	Target Group	Teachers/Students
11	Description of the programme	The programme was hosted by Mr. Surajit Das, Examiner of Patents & Designs & Group A Gazetted and NIPAM Officer, The Indian Patent Office, Kolkata, Ministry of Commerce & Industry, DPIIT, Government of India. The co-ordinator welcomed the participants including the speaker and requested the speaker to deliver the talk.

		The speaker, Mr. Shubham Harsh Singh, delivered his talk which was very informative and interesting for the participants. The speaker used some video animation to motivate the participants which were quite helpful to understand the contents and applications. The speaker clearly discussed who should apply for patent and which items are applicable for patent. In the interaction session after the talk, the speaker answered the questions asked by the participants. The programme ended with a concluding remark from Dr. Azizul Hoque, Head and Assistant Professor, Department of Mathematics, Rangapara College.
12	No. of Participants	80
13	Attachment	4 Screenshots
14	Google Meet Link	<a href="https://patentofficekolkata.webex.com/wbxmjs/joinservice/sites/patentofficekolkata/meeting/download/1ef2582f35cc43898f85410efe9020cd?siteurl=patentofficekolkata&amp;MTID=m0e8bbb2b87763278b9d562b976193295">https://patentofficekolkata.webex.com/wbxmjs/joinservice/sites/patentofficekolkata/meeting/download/1ef2582f35cc43898f85410efe9020cd?siteurl=patentofficekolkata&amp;MTID=m0e8bbb2b87763278b9d562b976193295</a>
 (Dr. Ranjan Kalita) Principal Rangapara College		

(Dr. Ranjan Kalita)  
Principal  
Rangapara College

- A. Information from NIPAM Cell, The Indian Patent Office, Ministry of Commerce & Industry, DPIIT, Government of India.





Government of India  
Ministry of Commerce and Industry  
Department for Promotion of Industry and Internal Trade  
Office of the Controller General of Patents, Designs & Trademarks

## IPR Awareness Programme

(Under National Intellectual Property Awareness Mission)



**Creative India; Innovative India**

Website: [www.ipindia.gov.in](http://www.ipindia.gov.in)

## B. Some Screenshots of the session

Class Video Meeting

Speaking: IPO KOLKATA (Host) | Nishant Das | Nilu Kaizid | Parvika Samra | Parikaj Borah | Parikaj Deity | Priyanka Dutta

Viewing IPO KOLKATA screen

NIPAM

**NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION (NIPAM)**

**Awareness session on Intellectual Property Rights**

Presented by-

**Mr. Shubham Harsh Singh**  
Examiner of Patents and Designs  
The Patent Office Kolkata, DPIIT  
Ministry of Commerce and Industry, Government of India

Unmute | Start video | Share | Participants | Chat

Class Video Meeting

Speaking: IPO KOLKATA (Host) | Kanchan Gupta | Kunal Jyoti Das | Lakshmi Sahu | Lohit Ch. Baidya

Viewing IPO KOLKATA screen

Copyrights

Participants (80)

- Adzul-Hoque
- IPO KOLKATA
- Parikaj Deity
- 25E7158C13D
- 25E715813D
- 25E7159073D
- Anika Deity
- Anubha Chakrabarti
- Bedanta Das
- Biswajit Borah
- Chandana Das
- Chayanka patra
- computer science
- Daganjam Kulkarni
- Dishshika Borah

Unmute | Start video | Share | Participants | Chat

## Certificate of Establishment of Institution's Innovation Council

 <b>Ministry of Education</b> Government of India	 <b>MoE's INNOVATION CELL</b> (GOVERNMENT OF INDIA)	 <b>INSTITUTION'S INNOVATION COUNCIL</b> (MINISTRY OF EDUCATION, GOVERNMENT OF INDIA)	 <b>AICTE</b> All India Council of Technical Education
<h3>CERTIFICATE OF ESTABLISHMENT</h3> <p><b>This is to certify that</b></p> <p><b>Rangapara College, Sonitpur</b></p> <p><b>has established an Institution's Innovation Council (IC202216719) in the campus as per the norms of Innovation Cell, Ministry of Education, Govt. of India during the academic calendar year 2021-22</b></p>			
 <b>Prof. Anil D. Sahasrabudhe</b> Chairman AICTE	 <b>Dr. Abhay Jere</b> Chief Innovation Officer Ministry of Education's Innovation Cell	 <b>Shri. Dipan Kumar Sahu</b> Assistant Innovation Director Ministry of Education's Innovation Cell	
<b>Certificate No:</b> 6277	<b>Aishe Code:</b> C-17342	<b>Date:</b> 21-06-2022	