



# Department of Physics

Ramkrishna Mahavidyalaya

Kailashahar, Unakoti, Tripura – 799 277

Phone: 03824-295005

Email: [physicsrkmkls@gmail.com](mailto:physicsrkmkls@gmail.com)

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F. 3- Physics/RKM/Prog/2020

Date: 25-10-2021

## Students Program Notice

### Induction Program for B.Sc. Physics Freshers

*Organized by*

Department of Physics, R.K. Mahavidyalaya

&

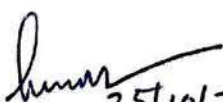
Internal Quality Assurance Cell (IQAC), R.K. Mahavidyalaya


Topic: **Discussion on UG Physics (Pass/Hons) Syllabus & Exam Pattern of Tripura University**


**Date: 27 - 10 - 2021**

**Time: 1:00PM**

**Venue: Science Building Smart Class (Room No-18)**

  
(Sri Suman Das)  
25/10/21  
Convenor  
IQAC, R.K. Mahavidyalaya

  
25-10-2021  
Principal  
R. K. Mahavidyalaya  
Kailashahar, Unakoti, Tripura.

  
25/10/21  
Dr. Bijan Deb  
HOD in-charge  
Dept of Physics, RKM  
HOD in-charge  
Department of Physics  
Ramkrishna Mahavidyalaya  
Kailashahar, Tripura (U) 799277



# Department of Physics

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## Induction Program for B.Sc. Physics Freshers

*Organized by*

Department of Physics

&

Internal Quality Assurance Cell (IQAC)

R.K. Mahavidyalaya, Kailashahar

Topic: **Discussion on UG Physics (Pass/Hons) Syllabus &  
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**Date: 27 - 10 - 2021**

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# Department of Physics

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### Reports

#### Induction Program held on 27-10-2021

A departmental induction program was held on **27-10-2021** organized by Department of Physics & IQAC Cell of R.K. Mahavidyalaya on the theme “Induction Program for B.Sc. Physics Freshers” to aware students about B.Sc. Physics syllabus & exam pattern of Tripura University. About 45 students of the physics department along with all the faculty of the department participated in the program.

At start of the program welcome note addressing the students was delivered by Dr. Saurabh Dhar. Then a presentation detailing about the Syllabus & Exam Pattern for B.Sc. Physics was delivered by Dr. Bijan Deb. At the end of the presentation there was discussion session where several queries of the students were answered. The program ended successfully with vote of thanks by Sri Prasenjit Das.





**Two Days Workshop On**

# **“Cyber Security in the Field of ICT”**

Jointly Organised by  
Department of Information Technology

&  
Department of Physics

Ramkrishna Mahavidyalaya, Kailashahar

In association with

National Institute of Electronics & Information Technology (NIELIT), Agartala

Ministry of Electronics and Information Technology (MeitY), Govt. of India

“Do Your Part. #BeCyberSmart”.

Venue: Ramkrishna Mahavidyalaya, Kailashahar, Unakoti

Date: 29<sup>th</sup> Oct to 30<sup>th</sup> Oct 2021

# Two Days Workshop On “Cyber Security in the Field of ICT”

Jointly Organised by  
**Department of Information Technology**  
&  
**Department of Physics**  
**Ramkrishna Mahavidyalaya, Kailashahar**

In Association with  
**NIELIT, Agartala**

**Resource Person:**

1. Mr. Binoy Das, STD
2. Mr. Sumit Bhowmik, Faculty

**Chairperson:**

Dr. Pinaki Pal  
Principal-in-Charge,  
RKM Kailashahar

**Organizing Committee:**

1. Dr. Ranjit Biswas, Coordinator
2. Dr. Bijan Deb, Joint Coordinator
3. Mr. Suman Das, Member
4. Mr. Venkat Raman Tripura, Member
5. Mr. Arup Ratan Chakraborty, Member
6. Dr. Sasanka Ghosh, Member
7. Dr. Pranab Kumar Deb, Member
8. Dr. Trisha Chakraborty, Member
9. Mr. Dipak Das, Member
10. Dr. Sandeep Acharya, Member
11. Mr. Tupan Das, Member

**All are Invited. Participation certificate will be provided**

**Venue: Ramkrishna Mahavidyalaya, kailashahar**

**Date: 29<sup>th</sup> oct to 30<sup>th</sup> oct 2021**

**Time: 11:00 am onwards**

**“Do Your Part. #BeCyberSmart”.**

## **Report of the Workshop**

A two days workshop on “Cyber Security in the Field of ICT” was conducted during the period 29<sup>th</sup> -30<sup>th</sup> Oct, 2021. The program was jointly organized by Department of Information Technology & Department of Physics, Ramkrishna Mahavidyalaya in association with NIELIT, Agartala. The program was held at Smart Class, Room No-18 of Science Building. There were lectures/presentation and live demonstration on various aspects of cybersecurity by the two invited resource person Sri Binoy Das, STO and Sri Sumit Bhowmik, Faculty from NIELIT.

Day-1, 29-10-2021 of the workshop the inaugural session was form 11:00AM to 11:30AM. The inaugural session started by inviting the guests to the dais. Then welcome address delivered by the coordinator, Dr. Ranjit Biswas followed by address by TC Secretary Trisha Chakraborty & subsequently address by the resource persons. Then there was a brief address by the Chairperson, Dr. Pinaki Pal, Principal In-charge, Ramkrishna Mahavidyalaya. The inaugural session ended with vote of thanks by Joint Coordinator, Dr. Bijan Deb.

Day-1 technical session have three sessions of presentations/lectures by the resource persons. The first lecture session was from 11:30AM to 1:00PM on the topic “Introduction to Cybersecurity” delivered by Shri Binoy Das, STO, NIELIT. The second training session was from 1:00 PM – 2:00PM on the topic “Smartphone Security” delivered by Shri Binoy Das, STO. Finally, the 3<sup>rd</sup> training session was from 2:00 PM – 2:45PM on the topic “Password Security” delivered by Shri Sumit Bhowmik, Faculty, NIELIT, Agartala.

Day-2, 30-10-2021 of the workshop have three technical presentation/lecture session 10:30AM to 2:00PM and interesting presentation and demonstration was provided by the resource persons. The first session was from 10:30AM to 12:00PM on the topic “Windows System Security” delivered by Shri Binoy Das. The second technical presentation/demonstration session was from 12:00 PM – 1:30PM on the topic “Social Media Security” delivered by Shri Sumit Bhowmik. Finally, the 3<sup>rd</sup> technical session was from 1: 30 PM – 2:00PM on the topic “Cyber Law” delivered by Shri Sumit Bhowmik.

Lots of important information were provided by the resource persons related to various aspects of cybersecurity for our day-to-day life use. All faculty, staff and students have actively participated in all the sessions of the program. There were in total 97 participants in the workshop among which 43 were faculty members, 19 were office staff and 35 were students participants. The program completed successfully with concluding remarks by Coordinator of the workshop.

## Some Photographs of the workshop





Two Days Workshop on  
**Cyber Security in the Field of ICT**  
29<sup>th</sup> -30<sup>th</sup> Oct, 2021



Organized by

**Dept. of IT & Dept of Physics, R.K. Mahavidyalaya, Kailashahar**

In Association with  
**NIELIT, Agartala**

**Inaugural Session**

**Date: 29-10-2021**

**Time: 11:00AM- 11:30AM**

**Announcer –** Sri Ratnajit Deb, Associate Professor, Dept. of Chemistry

**Inviting the guest to the dais:**

- 1. Chairperson:** Dr. Pinaki Pal, Principal-In-Charge, R.K. Mahavidyalaya
- 2. TC Secretary:** Dr. Trisha Chakraborty, Assistant Professor, Dept. of Bengali
- 3. Resource Person:** Er. Binoy Das, Senior Technical Officer, NIELIT Agartala
- 4. Resource Person** Er. Sumit Bhowmik, Faculty, NIELIT Agartala
- 5. Coordinator:** Dr. Ranjit Biswas, HoD In-Charge, Dept. of IT
- 6. Joint Coordinator:** Dr. Bijan Deb, HoD In-charge, Dept of Physics

**Request the to address the attendees of the program:**

- 1. Welcome address by Coordinator:**  
Dr Ranjit Biswas, HoD In-Charge, Department of IT, R.K. Mahavidyalaya
- 2. Address by TC Secretary: -**  
Dr. Trisha Chakraborty, Department of Bengali, R.K. Mahavidyalaya
- 3. Briefing by Resource Person for the workshop: -**  
Er. Binoy Das, Senior Technical Officer, NIELIT Agartala
- 4. Briefing by Resource Person on the content of the workshop: -**  
Er. Sumit Bhowmik, Faculty, NIELIT Agartala
- 5. Address by the Chairperson: -**  
Dr. Pinaki Pal, Principal-In-Charge, Ramkrishna Mahavidyalaya
- 6. Vote of Thanks by Joint Coordinator: -**  
Dr. Bijan Deb, HoD In-Charge, Department of Physics, R.K. Mahavidyalaya



**2(Two) Days Workshop on  
Cyber Security in the field of ICT**

**Schedule of Training from 29<sup>th</sup> to 30<sup>th</sup> October 2021**

<b>Day 1: 29<sup>th</sup> October 2021</b>		
<b>Time</b>	<b>Topic</b>	<b>By</b>
11:00 AM to 11:30 AM	Inauguration of Programme	Organizing Committee
11:30 AM to 01:00 PM	<b>Introduction to Cyber Security:</b> Why Cyber Security? Cyber Threats and its impact. Know your computer system and installed applications. Major areas of Cyber Security	Shri Binoy Das, STO
01:00 PM to 02:00 PM	<b>Smartphone Security:</b> App Security, Android Security and user account, Mobile bank security, authentication & Security, protect yourself from Vishing/smsing	Shri Binoy Das, STO
02:00 PM to 02:45 PM	<b>Password Security:</b> Guidelines for making strong password, two step authentication, basic awareness to protect the password from unauthorized access	Shri Sumit Bhowmik, Faculty

<b>Day 2: 30<sup>th</sup> October 2021</b>		
<b>Time</b>	<b>Topic</b>	<b>By</b>
10:30 AM to 12:00 PM	<b>Windows System Security:</b> Types of Computer virus and malicious application. Desktop and Laptop data security. Security issues in online environment. Vulnerabilities assessment through system health check-up and keep the system Cyber Hygiene	Shri Binoy Das, STO
12:00 PM to 01:30 PM	<b>Social Media Security:</b> Guidelines for social media security, Tips and best practices for safer Social Networking. Social Media Crime. Protection from identity theft.	Shri Sumit Bhowmik, Faculty
01:30 PM to 02:00 PM	<b>Cyber Law</b> Cyber Laws, IT Act 2000 & Amendments in 2008, Need for Enactment of Information Technology Act, 2000, Objectives of IT Legislation in India, IT Act 2000 legislation deals with, Salient Features of I.T Act, Applicability of IT Act, Chapters in the Act, Schedules in the Act, Need for IT Amendment Act 2008 (ITAA)	Shri Sumit Bhowmik, Faculty



## **Organizing Committee**

### **Chairperson**

**Dr. Pinaki Pal**

Principal In-charge

### **Coordinator**

**Dr. Ranjit Biswas**

Department of IT

R.K. Mahavidyalaya

### **Joint Coordinator(s)**

**Dr. Bijan Deb**

Department of Physics

Ramkrishna Mahavidyalaya

**Dr. Pranab Kr. Deb**

Department of Mathematics

Ramkrishna Mahavidyalaya

### **Members**

**Shri Ratnajit Deb**

Department of Chemistry

**Dr. Sasanka Ghosh**

Dept of Political Science

**Dr. Trisha Chakraborty**

Department of Bengali

**Dr. Sanjesh Choudhury**

Department of Chemistry

**Dr. Suman Das**

Department of Geography

**Sri Venkat R. Tripura**

Department of Education

## **Programmes on Celebration of National Mathematics Day**

### **Inaugural Session**

**Date: January 12, 2022**

*Jointly Organized By*

**Ramkrishna Mahavidyalaya, Kailashahar**

*and*

**Tripura State Council for Science & Technology,**

**Govt. of Tripura**

*Catalyzed & Supported By*

**Tripura State Council for Science & Technology (TSCST),**

**Govt. of Tripura**

**NCSTC, DST, Govt. of India**

*On the Eve of*

**50 Years of Pre Statehood Day of Tripura**

### **Objective:**

The objective of the program is to celebrate National Mathematics Day (NMD) to commemorate the contribution of legendary Indian Mathematician Srinivas Ramanujan on the eve of 50 years of Pre Statehood Day of Tripura. The program will include an inaugural program on the theme of National Mathematics Day along with lectures/speech on Pre Statehood Day of Tripura. The inaugural program would be followed by 6 days workshop of on Basic computer Literacy, Mathematical Programming, Numerical methods, and Simulations etc. along with Hands-on-exercise on PC with application of mathematics in practical case studies. The program aims to provide a skill development programs for UG students of R.K. Mahavidyalaya.

Contact Us: Ramkrishna Mahavidyalaya, Kailashahar, Unakoti, Tripura

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## Organizing Committee

### Chairperson

**Dr. Pinaki Pal**  
Principal In-charge

### Coordinator

**Dr. Ranjit Biswas**  
Dept of Information  
Technology  
R.K. Mahavidyalaya

### Joint Coordinator(s)

**Dr. Bijan Deb**  
Department of Physics  
Ramkrishna Mahavidyalaya

**Dr. Pranab Kr. Deb**  
Department of Mathematics  
Ramkrishna Mahavidyalaya

### Members

**Shri Ratnajit Deb**  
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Dept of Political Science

**Dr. Trisha Chakraborty**  
Department of Bengali

**Dr. Sanjesh Choudhury**  
Department of Chemistry

**Dr. Suman Das**  
Department of Geography

**Sri Venkat R. Tripura**  
Department of Education

## Programmes on Celebration of National Mathematics Day

### Inaugural Session

**Date: January 12, 2022**

*On the Eve of*  
**50 Years of Pre Statehood Day of Tripura**

### Program Schedule

**Session Chair: Sri Ratnajit Deb**, Associate Professor, Dept. of Chemistry

**11:00AM Welcome address - Dr. Ranjit Biswas**, Coordinator  
Assistant Professor, Dept. of IT

**11:10AM Inaugural Speech by Dr. Jhilly Choudhury**–  
Statistical Officer, Directorate of Higher Education,  
Govt. of Tripura

**11:40AM Special Speech- Sri Subhranil Ray**, Scientist/Engineer-B,  
Tripura State Council for Science & Technology (TSCST),  
Govt. of Tripura

**12:00PM Speech on National Mathematics Day–  
Dr. Pranab Kr. Deb**, Jt Coordinator  
Assistant Professor, Dept. of Mathematics

**12:15PM Speech by Special Guest –  
Dr. Dipannita Chakraborty**  
Principal, M.B.B. College, Agartala

**12:45PM Concluding remarks & vote of thanks –  
Dr. Pinaki Pal**, Principal in-charge,  
Ramkrishna Mahavidyalaya, Kailashahar



# Ramkrishna Mahavidyalaya

(A Govt. Degree College Affiliated to Tripura University)

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web: [www.rkmkls.ac.in](http://www.rkmkls.ac.in)

Kailashahar, Dated, the 12 January, 2022

## Press Release

The inaugural programme on Celebration of National Mathematics Day followed by 5-Day Workshop jointly organized by R.K.Mahavidyalaya, Kailashahar and Tripura State Council for Science & Technology (TSCST), Govt. of Tripura and catalysed and supported by NCSTC, DST, Government of India is held in online mode on 12th January 2022 on the eve of 50 Years of ‘Pre Statehood Day of Tripura’. The remaining part of the programme i.e. the workshop which includes hands on activity of the students will be executed when normalcy returns.

The inaugural programme started with welcome address by Dr. Ranjit Biswas, Coordinator of the program, which is followed by speech of Sri Subhranil Ray, Scientist/Engineer-B, TSCST. Then a brief discussion on significance of celebration of National Mathematics day is done by Dr. Pranab Kumar Deb, HoD(i/c), Dept. of Mathematics.

A special speech on ‘Statehood day of Tripura’ is delivered by Dr. Dipannita Chakraborty, Principal, M.B.B. College, Agartala as an honorable guest. The inaugural program ended with the concluding speech and vote of thanks proposed by Dr. Pinaki Pal, Principal i/c, R.K.Mahavidyalaya, Kailashahar. The Faculty members and more than one hundred students of this institute attended the programme with full enthusiasm and made the programme a successful one.

(Dr. Pinaki Pal)  
Principal (i/c)  
R.K. Mahavidyalaya,  
Kailashahar, Unakoti, Tripura



# Ramkrishna Mahavidyalaya

Kailashahar, Unakoti, Tripura – 799 277

## Organizing Committee

### Chairperson

**Dr. Pinaki Pal**

Principal In-charge

Ramkrishna Mahavidyalaya

### Coordinator

**Dr. Ranjit Biswas**

Dept. of Information Technology

Ramkrishna Mahavidyalaya

### Joint Coordinator(s)

**Dr. Bijan Deb**

Department of Physics

Ramkrishna Mahavidyalaya

**Dr. Pranab Kr. Deb**

Department of Mathematics

Ramkrishna Mahavidyalaya

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Department of Political Science

**Dr. Trisha Chakraborty**

Department of Bengali

**Dr. Sanjesh Choudhury**

Department of Chemistry

**Dr. Suman Das**

Department of Geography

**Sri Venkat R. Tripura**

Department of Education

6-days program on Celebration of National Mathematics Day

## **Inaugural Session Program on**

## **“Celebration of National Mathematics Day (NMD)”**

Date: 12-01-2022

*Followed by*

## **5 days workshop on**

## **“Skill Development Programme on Basic Computer Literacy and Mathematical Programming & Simulation and Numerical Methods”**

Date: 26-03-2022 to 31-03-2022

## **Venue: RK Mahavidyalaya Campus**

*Jointly Organized By*

**Ramkrishna Mahavidyalaya, Kailashahar**

**Unakoti, Tripura**

**&**

**Tripura State Council for Science & Technology,**

**Govt. of Tripura**

*Catalyzed & Supported By*

**Tripura State Council for Science & Technology (TSCST),**

**Govt. of Tripura**

**NCSTC, DST, Govt. of India**

### Objective:

The objective of the proposed workshop is to introduce UG students to basic computer skills & use of computer in mathematical applications in connection to celebration of “National Mathematics Day” to commemorate the substantial contribution of legendary Indian mathematician Srinivasa Ramanujan.

### Course Contents:

Workshop program will be on Basic Computer Literacy and Programming, idea of Mathematical Simulation and Numerical Method. There will be theoretical lecture followed by individual hands-on-exercises on PC with in-depth relevant case studies on each topic (i.e., hands-on-course – learning by doing).

Ramkrishna Mahavidyalaya, Kailashahar, Unakoti, Tripura

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# Ramkrishna Mahavidyalaya

Kailashahar, Unakoti, Tripura – 799 277

## 5 days workshop

### “Skill Development Programme on Basic Computer Literacy and Mathematical Programming & Simulation and Numerical Methods”

(Date: 26-03-2022 to 31-03-2022)

#### Programme Schedule

##### Day 1: 26-03-2022 : Saturday

Session Chair: Shri Ratnajit Deb, Associate Professor, Dept. of Chemistry

Time	Resource person	Topic of Presentation
10:30 AM – 10:45 PM	(i) Address by Dr. Pinaki Pal, Principal in-charge (ii) Briefing About workshop schedule & other details by Dr. Ranjit Biswas, Coordinator of the workshop	
10:45 AM – 11:45 PM	Dr. Abhijit Biswas Assistant Professor, Dept. of CSE, Assam University, Silchar, Assam	Basic of Computer Fundamentals
12:00 PM – 1:00 PM		
1:00 PM – 2:00 PM	Dr. Abhijit Biswas	Hands-on Computer Basics Hardware
2:30 PM – 3:30 PM		

##### Day 2: 28-03-2022: Monday

Session Chair: Dr. Pranab Kr. Deb, Assistant Professor, Dept. of Mathematics

Time	Resource person	Topic of Presentation
10:30 AM – 11:30 PM	Er. Samir Ranjan Das Sr. Instructor, ITI Kailashahar, Tripura	MS Office Applications
11:45 PM – 12:45 PM		
1:00 PM – 2:00 PM	Er. Samir Ranjan Das Dr. Pranab Kr. Deb / Dr. Ranjit Biswas	Hands-on – MS Office Software
2:30 PM – 3:30 PM		

##### Day 3: 29-03-2022: Tuesday

Session Chair: Dr. Bijan Deb, Assistant Professor Dept of Physics

Time	Resource person	Topic of Presentation
10:30 AM – 12:00 PM	Sri Prasun Dutta Principal, North Tripura District Polytechnic, Dharmanagar, Tripura	Cyber-Security
12:15 PM – 1:15 PM	Er. Krishna Kamal Das District e-Governance Manager, DIT, DM office Unakoti	Webpage Design & e-Governance
1:15 PM – 2:00 PM		
2:30 PM – 3:30 PM	Dr. Ranjit Biswas	Hands on – Website Design



# Ramkrishna Mahavidyalaya

Kailashahar, Unakoti, Tripura – 799 277

5 days workshop (Date: **26-03-2022 to 31-03-2022**)

**“Skill Development Programme on Basic Computer Literacy and Mathematical Programming & Simulation and Numerical Methods”**

## Programme Schedule (Continued)

### Day 4: 30-03-2022: Wednesday

Session Chair: Dr. Ranjit Biswas, Assistant Professor, Dept. of IT

Time	Resource person	Topic of Presentation
10:30 AM – 11:30 PM	Dr. Jayanta Pal Assistant Professor, Dept. of Information Technology, Tripura University	Recent Technologies and Social Media
11:45 PM – 12:45 PM	Dr. Alak Roy Assistant Professor, Dept. of Information Technology, Tripura University, Tripura	Introduction to Computer Communications
1:00 PM – 2:00 PM	Dr. Bishanka Brata Bhowmik Assistant Professor Dept. of Electronics & Communication Engineering, Tripura University, Tripura	Cloud Storage and its Applications
2:30 PM – 3:30 PM	Dr. Jayanta Pal / Dr. Alak Roy Dr. Bishanka Brata Bhowmik	Hands-on Part-1 IT, Cloud Storage, Social Media

### Day 5: 31-03-2022: Thursday

Session Chair: Dr. Pinaki Pal, Principal In-charge, R.K. Mahavidyalaya

Time	Resource person	Topic of Presentation
10:30AM – 11:00AM	Dr. Bijan Deb Assistant Professor Dept. of Physics, Ramkrishna Mahavidyalaya, Kailashahar	Hands-on Basics of MS PowerPoint
11:00 AM – 11:45 PM	Dr. Jayanta Pal / Dr. Alak Roy Dr. Bishanka Brata Bhowmik	Hands-on IT Part-2 IT, Cloud Storage, Social Media
12:00 PM – 1:30 PM	Dr. Asish Mitra Associate Professor Dept. of Physical and Material Sciences College of Engineering & Management, Kolaghat, WB	Introduction to Numerical Analysis & Simulation

### Valedictory Session

Session Chair: Shri Ratnajit Deb, Associate Professor, Dept. of Chemistry

2:30 PM – 3:00 PM	2:30PM - Special Valedictory Speech by Sri B. Chakraborti, Member Deputy Secretary, Tripura State Council for Science & Technology (TSCST), Govt. of Tripura 2:45PM: Speech by Dr. Pinaki Pal, Principal In-charge, R.K. Mahavidyalaya 2:55PM - Vote of Thanks by Dr. Bijan Deb, Joint Coordinator of the Workshop
3:00PM - 3:30PM	Discussion Session / Participant Feedback Collection

Page 2 of 2

Ramkrishna Mahavidyalaya, Kailashahar, Unakoti, Tripura

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Kailashahar, Dated, the 25 March, 2022



## Press Release

R. K. Mahavidyalaya, Kailashahar is going to organize a 5-Days workshop on ‘Skill Development Programme on Basic Computer Literacy, Programming, Simulation and Numerical Methods’ on and from 26<sup>th</sup> March to 31<sup>st</sup> March, 2022 in connection to Celebration of National Mathematics Day. This programme is catalysed and supported by Tripura State Council for Science & Technology (TSCST), Govt. of Tripura and NCSTC, DST, Government of India. The inaugural programme of this workshop was held on 12<sup>th</sup> January, 2022.

Eminent resource persons from Assam University, Tripura University, ITI, Kailashahar, North Tripura District Polytechnic and District Administration, Unakoti will deliver invited lectures in the said workshop. The students of UG Level will be the participants of the workshop.

(Dr. Pinaki Pal)

Principal (i/c)

R.K. Mahavidyalaya

Kailashahar, Unakoti, Tripura





# Ramkrishna Mahavidyalaya

Kailashahar, Unakoti, Tripura – 799 277

## Reports of the 6-days programmes on “Celebration of National Mathematics Day (NMD)” & workshop on “Skill Development Programme on Basic Computer Literacy and Mathematical Programming & Simulation and Numerical Methods”

The program is conducted in two phases. In the first phase, the inaugural session of the program was held to Celebrate “National Mathematics Day” on 12-01-2022 to commemorate the contribution of legendary Indian Mathematician Srinivas Ramanujan on the eve of 50 Years of Pre-Statehood Day of Tripura.

### Inaugural Session – Date: 12-01-2022

#### “Celebration of National Mathematics Day” on the eve of 50 Years Pre-Statehood Day of Tripura

The Inaugural session was chaired by Sri Ratnajit Deb, Associate Professor, Dept. of Chemistry, R.K. Mahavidyalaya. At first the welcome address was delivered by Dr. Ranjit Biswas, Coordinator of the Program & Assistant Professor, Dept. of IT, R.K. Mahavidyalaya. The welcome address was followed by speech of Sri Subhranil Ray, Scientist/Engineer-B, Tripura State Council for Science & Technology (TSCST), Govt. of Tripura. Sri Ray discussed valuable information about the program objectives and its importance from the perspective of Tripura State Council for Science & Technology. This was followed by speech of Dr. Jhilly Choudhury, Statistical Officer, Directorate of Higher Education, Govt. of Tripura providing valuable feedback for the program. This was followed by an enriching lecture of Dr. Pranab Kr. Deb, Joint Coordinator of the Program & Assistant Professor, Dept. of Mathematics on “National Mathematics Day”. He discussed about the importance of Celebration of National Mathematics and the contribution of the legendary Indian Mathematician Srinivas Ramanujan to the field of Mathematics. He also motivated the young learners to grow more interest in mathematics. This was followed by excellent lecture delivered by Dr. Dipannita Chakraborty, Principal, M.B.B. College, Agartala on the eve of 50<sup>th</sup> years of Statehood Day of Tripura. Her lecture has enlightened us with lot of valuable information on the history of Tripura attaining statehood. She lucidly explained about initial stage of various struggles and movement from past that has ultimately led to granting full-fledged statehood to Tripura and merging with India.

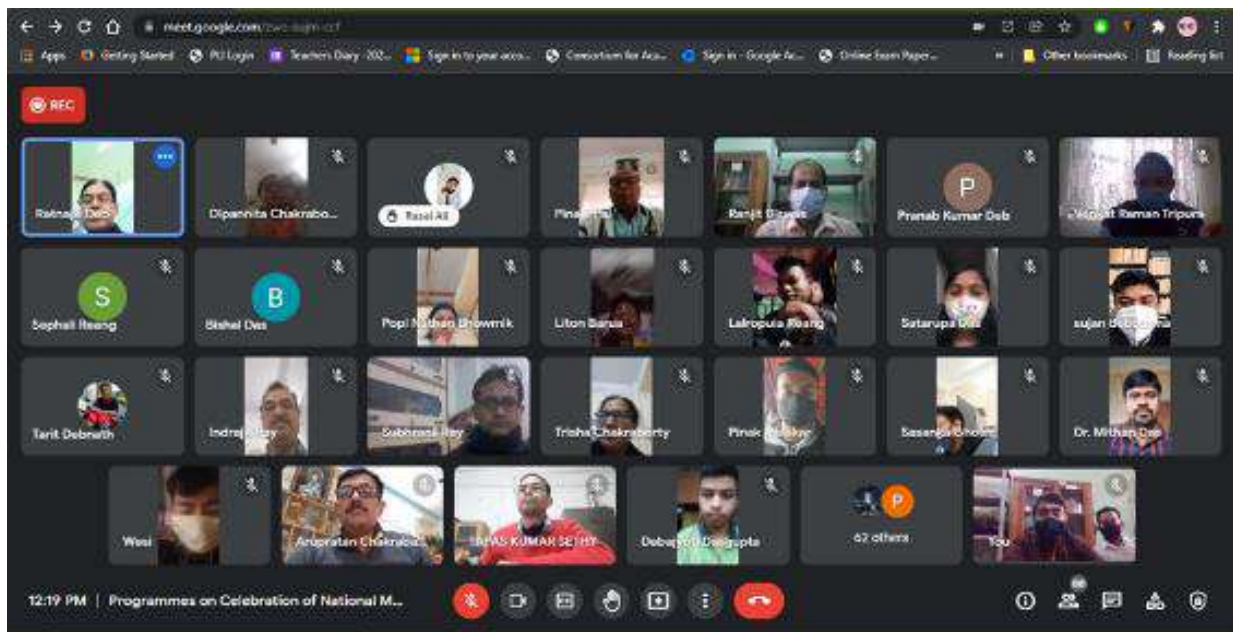
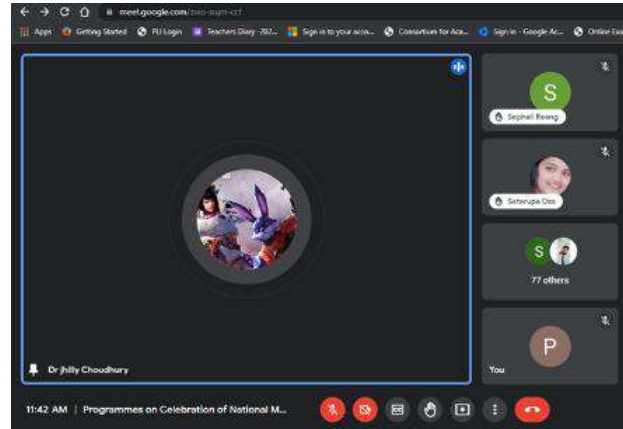
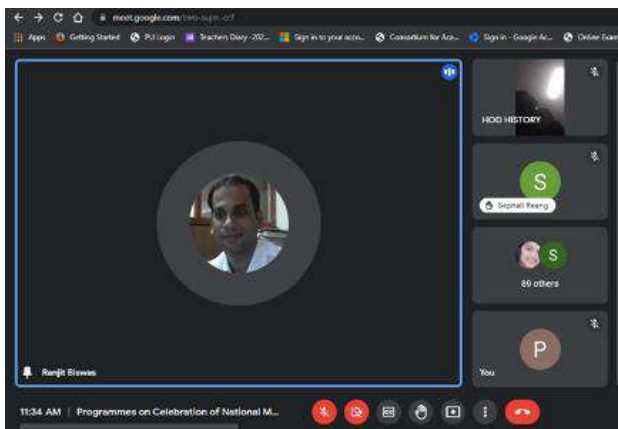


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The inaugural program ended with the concluding speech and vote of thanks proposed by Dr. Pinaki Pal, Principal i/c, R.K.Mahavidyalaya, Kailashahar. A press release have also been published covering the inaugural session of the program. The faculty members and more than one hundred students of the institute attended the programme with full enthusiasm and made the programme a successful one.

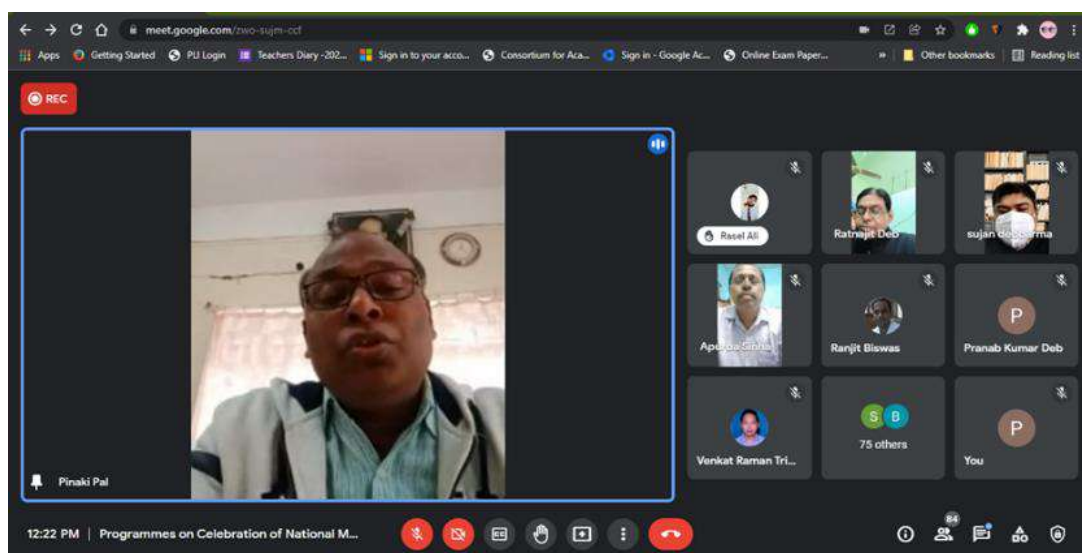
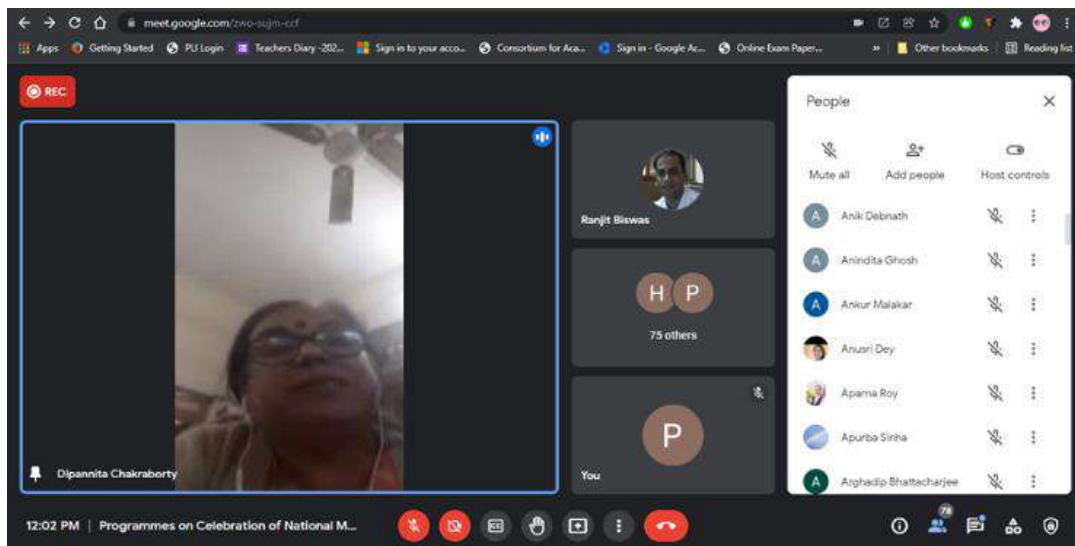
## Some Photographs of Inaugural Session





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## 5-days workshop on “Skill Development Programme on Basic Computer Literacy and Mathematical Programming & Simulation and Numerical Methods” Date: 26-03-2022 to 31-03-2022

### Workshop Day-1: Date: 26-03-2022

First session of day-1 of the workshop started with candle lit and remembering the legendary Indian Mathematician Srinivas Ramanujan. This is followed by keynote address of Dr. Pinaki Pal, Principal in-charge. Then Dr. Ranjit Biswas, Coordinator of the workshop provided a briefing about the objectives of the workshop and detailed schedule of the 5-days workshop and all other relevant information for student’s participant.





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The workshop lecture session started with the presentation of invited resource person Dr. Abhijit Biswas, Assistant Professor, Dept. of CSE, Assam University, Silchar, Assam. Dr. Biswas delivered his lecture on the topic “Basic Computers and Applications”. He explained in detail about history and generations of computer, hardware components of a basic pc and various software program. He further discussed few applications of modern computers in varied areas of science & technology.

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In the afternoon session of the day, some Hands-on demonstration of various hardware components were done. In the hands-on session the basic hardware components like mother board, input devise, output devices of a pc are shown one by one to all students. Students also learned about how to disassemble and assemble the hardware components of a basic desktop computer.

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## Workshop Day-2: Date: 28-03-2022

First session of day-2 of the workshop started with lecture of Er. Samir Ranjan Das, Sr. Instructor, ITI Kailashahar, Tripura. He delivered his lecture on the topic “MS Office Applications” where he explained and discussed about MS office package, its usability, and applications. In the second session he also provided hands-on demo on MS Office software. Er. Samir Ranjan Das demonstrated about using MS Excel software in computer and its various functions. Then hands-on training provided by Dr. Ranjit Biswas, Coordinator of the workshop and Dr. Pranab Kr. Deb, Joint Coordinator of the workshop on basics of using MS Word software. All participants have been benefitted immensely from this hands-on training as they learned about application and functionality of MS Excel and MS Word software.





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## Workshop Day-3: Date: 29-03-2022

First session of day-3 of the workshop started with lecture of Sri Prasun Datta, Principal, North Tripura District Polytechnic, Dharmanagar, Tripura. He delivered his lecture on the topic “Cyber Security: Threats & Attacks” where he beautifully explained about the various information about cyber threats and attacks. He further explained about different types of internet malware & virus and provided useful information about social media threats. He provided some useful tips on how to safely use internet and computer, uses of various antivirus software and security settings to prevent cyber threats. Participants were highly benefited from his lecture learning about cyber threats.



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Then Er. Krishna Kamal Das, District e-Governance Manager, DIT, DM office Unakoti, Tripura has delivered his lecture on e-Governance. His lecture was very informative as he provided lot of details about e-governance policy and various facilities that are available under Tripura e-governance scheme. The participants were highly benefitted by the lecture as they are provided with details of how to use the e-governance portal for various certificates and documents.



In the second session of day-3, Er. Das delivered hands-on training (learning by doing) on webpage designing using html. He taught the basics of how to design a simple webpage. He also provided demonstration on various coding details of html page designing. Students participants actively learned the techniques demonstrated and themselves designed webpages during hands-on training.

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## Workshop Day-4: Date: 30-03-2022

First session of day-4 of the workshop started with lecture of Dr. Jayanta Pal, Assistant Professor, Dept. of Information Technology, Tripura University. Dr. Pal delivered his lecture on the topic “Recent Technologies and Social Media”, in which he discussed about various recent technological advancement in the field of information technology, internet and computer applications. He also discussed about issues with social media for the current generations. In the later sessions he showed hands-on demo on how to protect social media accounts from cyber frauds using Two-Factor Authentication(2FA). Students were highly benefited from the information related to internet and social media.



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The second lecture is delivered by Dr. Alak Roy, Assistant Professor, Dept. of Information Technology, Tripura University, Tripura. Dr. Roy delivered his lecture on “Introduction to Computer Communications” where he discussed about Computer communications as key to infrastructures of the information society with high socio-economic value as they contribute to the correct operations of many critical services (from healthcare to finance and transportation). He also provided an introduction to computer communication technologies, architectures and protocols as required to overcome the limitations of the legacy Internet and add new capabilities and services. In the later session some devices hands-on communication systems like Wi-Fi router, Ethernet switch, Ethernet cable etc. were demonstrated for easy understanding by the participants.



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The third lecture was delivered by Dr. Bishanka Brata Bhowmik, Assistant Professor, Dept. of Electronics & Communication Engineering, Tripura University, Tripura. Dr. Bhowmik delivered lecture on the topic “Cloud Storage and its Applications”. He discussed about basics of cloud storage, types and how to take benefit of cloud storage in modern digital age. He later demonstrated hands-on on using google photos, google drives, one drive and other cloud storage utility. He elaborately discussed about google cloud services. Participants were highly benefitted from the lecture and hand-on demonstration.



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## Workshop Day-5: Date: 31-03-2022

First session of day-5 of the workshop started with lecture of Dr. Bijan Deb, Assistant Professor, Dept. of Physics, R.K. Mahavidyalaya, Kailashahar. Dr. Deb demonstrated the basics of MS PowerPoint Software, its features and utility in preparing a good presentation for various occasions. This lecture is followed by some additional group discussion with resource persons and hands-on demonstration related to Cloud Storage, Social Media and Computer Communication Technology in group by Dr. Jayanta Pal, Dr. Alak Roy and Dr. Bishanka Brata Bhowmik together through discussion, questions-answer as raised by participant. All the participants have taken part in the session with great enthusiasm.



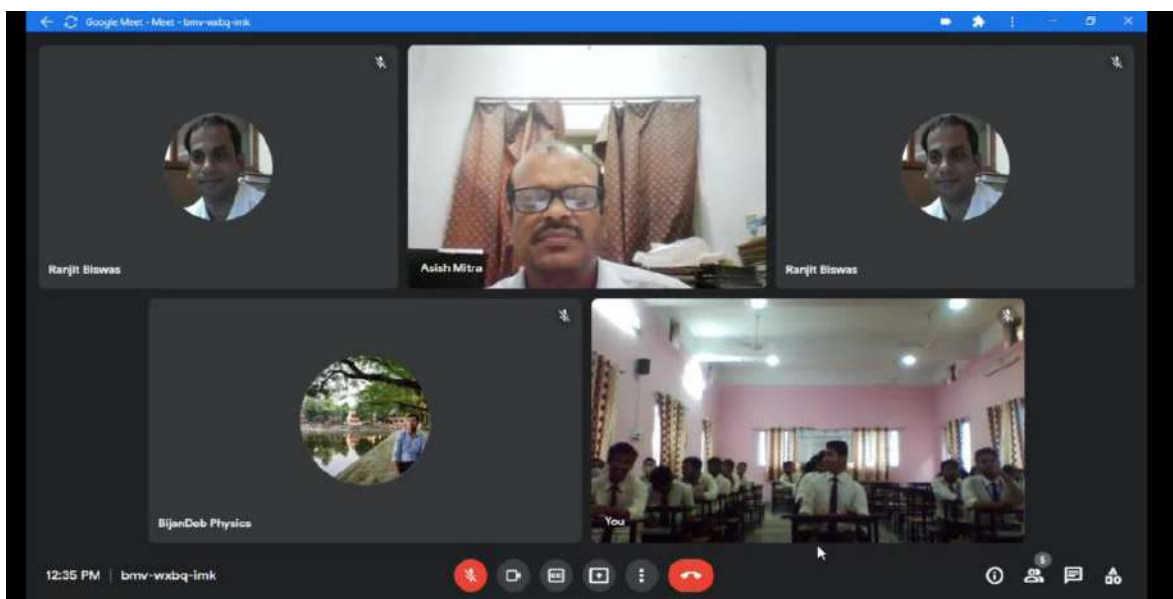
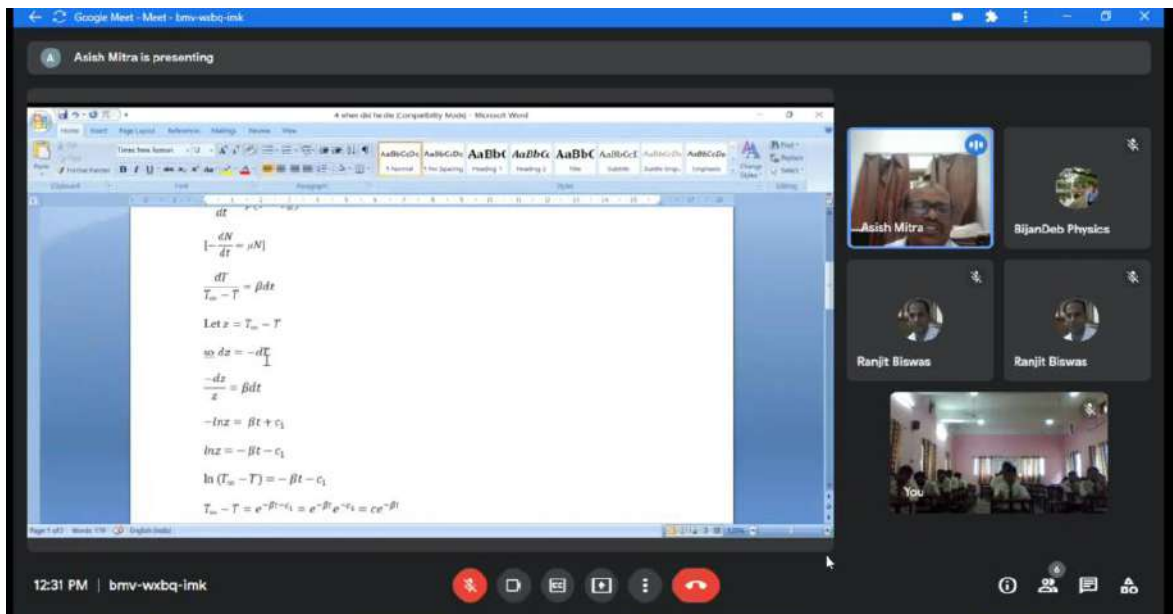




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The hands-on demonstration was followed by excellent lecture (in online mode via google meet) by Dr. Asish Mitra, Associate Professor, Dept. of Physical and Material Sciences, College of Engineering & Management, Kolaghat, West Bengal. Dr. Mitra delivered lecture on the topic “Introduction to Numerical Analysis & Simulation”. He discussed very basics fundamentals of simulation using Matlab environment and numerical analysis using simple physics problems which were highly beneficial for students particularly for higher study in science & technology. This lecture concluded our 5-days workshop main lecture sessions and hands-on training/demonstration sessions. This is followed by valedictory session.



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## Valedictory Session - Workshop Day-5: Date: 31-03-2022

In The valedictory session at first a special speech was delivered by Sri B. Chakraborti, Member Deputy Secretary, Tripura State Council for Science & Technology (TSCST), Govt. of Tripura via online mode. This is followed by speech of Dr. Pinaki Pal, Principal In-charge, R.K. Mahavidyalaya. He suggested the students to learn and understand science in better way and discussed about importance of simulation in scientific field. Few students also mentioned shared their experience and suggestions about the workshop in front of all participants.

This is followed by quiz test for all participant as a part of their workshop assignments. Feedback was also collected from all participants after the test. Then there was brief discussion session on entire workshop lectures, suggestions were taken from all participants about their learnings from the workshop. The participants were very happy after completion of the workshop & the response received from all participants were highly positive & encouraging for the organizing committee. The program ended successfully with vote of thanks by Dr. Bijan Deb, Joint Coordinator of the program.



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A lecture was organized on **“Ragging is a crime”** by Sri Tupan Das, Assistant Professor, Dept. of Sanskrit by NSS Unit, R.K. Mahavidyalaya in collaboration with IQAC, R.K. Mahavidyalaya and Anti-Ragging Cell, R.K. Mahavidyalaya on 31/03/2022 in the Sukanta hall under the purview of NSS Special Camp-2022.



Programme Name: Science awareness programme organised by Botany Department, IQAC and Science Forum funded by DST, Tripura

Date: 28<sup>th</sup> February, 2022

Topic: Observation of National Science Day

No. of Student participants: 53

Resource Person: Dr. Pinaki Pal, Dipak Das, Dr. Bijan Deb



Programme Name: Celebration of National Energy Conservation Day in collaboration with DST Tripura, IQAC and Botany Department of RKM

Date: 14<sup>th</sup> December, 2021

Topic: Sustainable Energy and Alternatives

No. of Student participants: 55

Resource Person: Dr. Sanjesh Choudhuri, Dr. Bijan Deb, Jahar Debbarma an Prasenjit Sinha



A seminar on Wetland Conservation was organized by Eco Club in collaboration with Dept. of Zoology, Ramkrishna Mahavidyalaya on 08/10/2021 in the eve of Azadi ka Amrit Mahotsav in commemoration of 75<sup>th</sup> Years of India's independence with 83 participants.



Observance of World Wetlands Day-2022 organized by Dept. of Zoology in the college Smart Class Room on 02/02/2022 with total participants was 80. The occasion was further graced with the presence of resource persons from our college named Sri Peter Prasanta Debbarma, Assistant Professor, Department of Geography, Ramkrishna Mahavidyalaya.





One Day National Level Online lecture on Bengali Literature was organized by Department of Bengali in collaboration with IQAC, Ramkrishna Mahavidyalaya on 30.10.2021. the total number of participants was 73.



## One Day National Level Online Lecture on Bengali literature

**Organized by  
Department of Bengali  
&  
Internal Quality Assurance Cell  
Ramkrishna Mahavidyalaya  
Kailashahar, Tripura (U)**

**Welcome address by:  
Dr. Pinaki Pal.  
Principal i/c**

**Vote of thanks by:  
Dr. Trisha Chakraborty**

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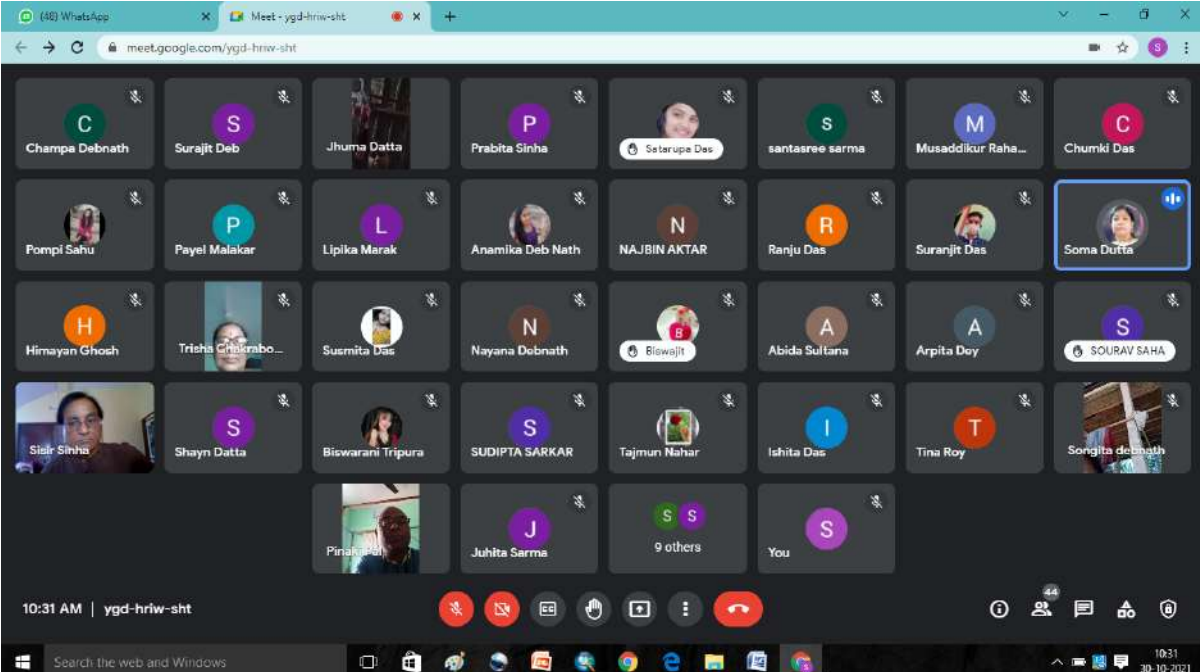
 <p><b>Resource Person: Prof. Shishir Kr. Singha Rtd. Professor Dept. of Bengali Tripura University</b></p>	 <p><b>Resource Person: Dr. Nirmal Das Asst. Professor Dept. of Bengali Tripura University</b></p>
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**Organizing Committee:**  
Dr. Trisha Chakraborty, Convener, Smt. Soma Dutta, Sri Suman Das, Organizing Secretary, Sri V.R. Tripura, Sri, Sujan Debbarma, Smt. Santasri Majumder, Sri Arup Ratan Chakraborty

**Online Platform meeting Link: <https://meet.google.com/ygd-hriw-sht>**

**Date: 30.10.2021 Time: 10:30 AM**



The screenshot shows a Google Meet interface with 44 participants in a grid. The participants' names and initials are visible in their respective tiles. The meeting title is "ygd-hriw-sht" and the time is 10:31 AM. The interface includes standard meeting controls like mute, video, chat, and end call.

Champa Debnath	Surajit Deb	Jhuma Datta	Prabita Sinha	Satarupe Das	santasree sarma	Musaddikur Raha...	Chumki Das
Pompi Sahu	Payel Malakar	Lipika Marak	Anamika Deb Nath	NAJBIN AKTAR	Ranju Das	Suranjit Das	Soma DUTTA
Himayan Ghosh	Trisha Chakraborty	Susmita Das	Nayana Debnath	Biswajit	Abida Sultana	Arpita Doy	SOURAV SAHA
Star Sinha	Shayn Datta	Biswarani Tripura	SUDIPTA SARKAR	Tajmun Nahar	Ishita Das	Tina Roy	Songita debnath
Pinaki Pal	Juhita Sarma	9 others	You				

The Dept. of Forest, Kailashahar Division organized the exhibition of Bio-diversity of Tripura on 17/02/2022 in the college campus with 98 participants.



Two Days National Workshop on 'Agriculture and Allied Activities for Sustainable Development' organized by Dept. of Geography and IQAC in collaboration with ISCA, Dharmanagar Chapter on 30<sup>th</sup> and 31<sup>st</sup> March, 2022. The total number of students was present 97. The Resource persons were from Govt. Degree College, Dept, of Agriculture and Krishi Vikash Kendra, Kailashahar.



The department of History celebrated 'World Heritage Day' on 18th April., 2022 in the conference hall in collaboration with IQAC and NSS unit RKM. Dr. Pinaki Paul, Principal-in charge RK Mahavidyalaya, was presided in this programme.



Red Ribbon Club, R. K. Mahavidyalaya, Unit, in collaboration with NCPI+, Ahana Project has organized an awareness program on the Elimination on Mother to child Transmission of HIV AIDS and syphilis (EMTCT) at conference Hall, R.K. Mahavidyalaya, at 11:00 am on 7<sup>th</sup> April 2022.

The programme was inaugurated by the lightening of the lamp by Biswajit Debnath, Project Officer, Ahana, in the presence of the Principal, R. K. Mahavidyalaya, resource person, faculty members and students. Followed by Welcome address/ Key note address by Dr. Pinaki Pal, Principal, Ramkrishna Mahavidyalaya. Followed by the lecture by the resource person, the first speaker was Mr. Rupak Nandi, DPM, DAPCU. He had extensively talked on the Activities of DAPCU and Tripura State AIDS Control Society (TSACS) their aim and objectives and how they are working in Tripura. The second speaker was Mr. Tamal Deb, LWS, who also lecture on the Activities of LWS. The third speaker was Biswajit Debnath, Project Officer, Ahana, EMTCT and Ahana Program, who had talked about the importance of knowing how HIV AIDS can be transmitted to a child from a mother and how it can be prevented. Followed by a question session by the students and concluded with vote of thanks by Jaharlal Debbarma, Coordinator, RRC, RKM, Unit.



The dept. of History organized a Symposium on 'Ancient and Modern History' on 18<sup>th</sup> November, 2021. The total no. of participates was 86. The resource person was Dr. Pradeep Kumar Deepak, Principal-in charge Adaitya Mallabharman College, Amarpur.



The dept. of History and IQAC, Ramkrishna Mahavidyalaya organized a National level Popular Talk on 13<sup>th</sup> June , 2022 and topic was 'The Rights of Persons with Disability Act 2016: Understanding Disability in the light of History' with 82 number of participants. The resource person was Mr. Jishu Debnath , senior research fellow, Jadavpur University Kolkata and Mr. Saikat Kr. Kar, Secretary blind persons association, Kolkata .The student's and faculties of the college actively participated in this programme.

