

MAHARAJA BIR BIKRAM COLLEGE

AGARTALA, TRIPURA

Affiliated to MBB University

STUDENT CENTRIC METHODS FOR ENHANCING LEARNING EXPERIENCES

(2022-2023)

DEPARTMENT OF BOTANY

MBB COLLEGE, AGARTALA

Student Centric Methods used for enhancing the learning experiences (2022-2023):

1. Experiential learning:

a) Field survey



b) Seminars and Presentations



c) Other: If any, please mention.....

2. Participative learning:

a) Debates



b) Group discussion



c) Students participation



d) Activity based learning



e) Expert lectures and workshops



Special lecture by Dr. Amalava Bhattacharya

Special lecture by Dr. Dilip Kr. Deb

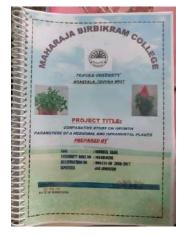


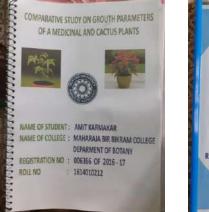
Three-day workshop cum hands on training on Mushroom cultivation Techniques

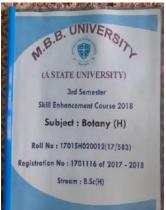
- f) Street/Role plays
- g) Other: If any, please mention.....

3. Problem solving Methodologies:

- a) Case studies
- b) Assignments









- c) Google sites
- d) SWAYM-NPTEL Certificates of teachers
- e) Other: If any, please mention.....

Google Classroom

https://classroom.google.com/c/NjA4ODIyMTgxMDA3?cjc=qxh4adc

https://classroom.google.com/c/NTE5ODcwOTUyNjY3?cjc=vqa7wom

https://classroom.google.com/c/NjA4ODIzMjc4MzY2?cjc=vcq2mjm

E-Content Study material in college website

http://www.mbbcollege.in/db/notices2/266.pdf

http://www.mbbcollege.in/db/notices2/265.pdf

http://www.mbbcollege.in/db/notices2/261.pdf

http://www.mbbcollege.in/db/notices2/269.pdf

http://www.mbbcollege.in/db/notices2/263.pdf

http://www.mbbcollege.in/db/notices2/264.pdf

http://www.mbbcollege.in/students/getnotes.php

http://www.mbbcollege.in/db/notes/559.pdf

http://www.mbbcollege.in/db/notes/560.pdf

DEPARTMENT OF CHEMISTRY

MBB COLLEGE

Student Centric Methods used for enhancing the learning experiences (2022-2023)

1) Experiential learning used for Department of Chemistry:

- ✓ Seminars and presentations
- ✓ Other:
 - Learning through Chemical models
 - Viva-voce
 - Hands-on experiment

2) Participative learning used for Department of Chemistry:

- ✓ Group discussion
- ✓ Students Participation
- ✓ Activity based learning
- ✓ Expert lectures and workshops

3) Problem solving Methodologies used for Department of Chemistry:

- ✓ Case studies
- ✓ Assignments

Teachers use ICT enables tools for effective teaching learning process used for Department of Chemistry:

- ✓ Google Classroom
- ✓ E-Content Study material is provided
- ✓ Social Media (Blog and Whatsapp)
- ✓ Learing through ICT enabled class room
- ✓ SWAYM- NPTEL Certificates of teachers

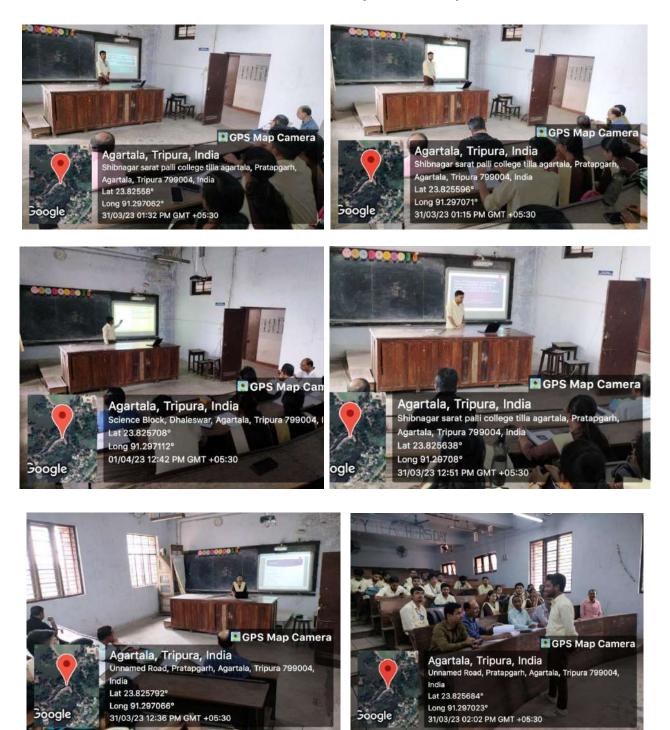
Some Examples of the methodology taken is given below:

Student Seminar (Department of Chemistry)

Department of Chemistry always organizes students' seminar with an aim to develop scientific temperament and to build a career in research & development.

For Example:

Student Seminar (2022-2023)



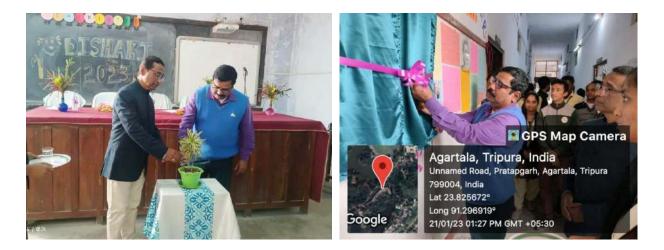


Wall Magazine

Over the last four decades, "**Dishari**" the **Wall Magazine** of the Department of Chemistry, MBB College is providing the artistic, expressive and aesthetic platform for its students. It cultivates the creative and imaginative mind of the students.

Inauguration of the Wall Magazine "Dishari on 21st January, 2023

Dr. Nirmal Bhadra, Hon'ble Principal, MBB College inaugurated the latest issue of the wall magazine "Dishari" in a flamboyant ambience. The new issue of "Dishari" was ornamented by writings, drawing, paintings, photography of the students. Thus the wall magazine plays a spectacular role in developing the creativity, imagination and novel ideas of the students of Department of Chemistry.

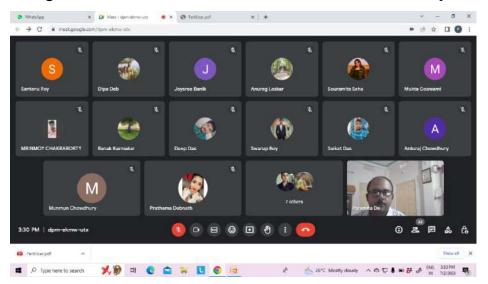






Google Classroom (Department of Chemistry)

Department of Chemistry extensively executed online classes takes classes online via Google Classroom **at extra hours as and when required**.



You're presenting to everyone		Stop presenting	People		>
		*	2+ Add people		
	Anna Anna Anna Anna Anna Anna Anna Anna	Prabal Das	Deep Das	S.	:
			🪳 Dipa Deb	S.	:
	Contraction (C. 1)	M	👘 Hrishav Modak	S.	:
	6 P 0	20 others	Joysree Banik	K	:
To avoid an infinity mirror, don't share your entire scree		•	Manadip Sutradhar	S.	:
MRINMOY CHAKRABORTY has left the meeting	Ignore			Å.	:
	l	Paramita De	Mukta Goswami	S.	I
22 PM dpm-ekmw-utx	• • • • • • •) 🗈 🙆	() 🙎	, 2	Â

Learing through ICT enabled class room (Department of Chemistry)

The faculty members of Department of Chemistry use ICT tools to do classes regularly to make them more interesting and more interactive.

For Example:



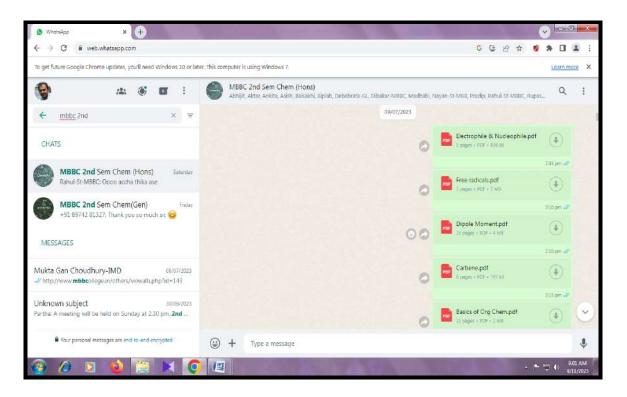
E-Content Study material is provided

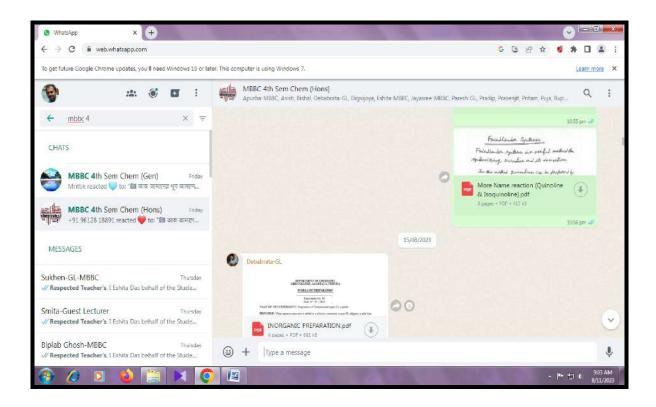
The faculty members of Department of Chemistry always provide E-Content of the lecture notes, special notes or monographs via **WhatsApp** or some of the notes are uploaded in the College **website**.

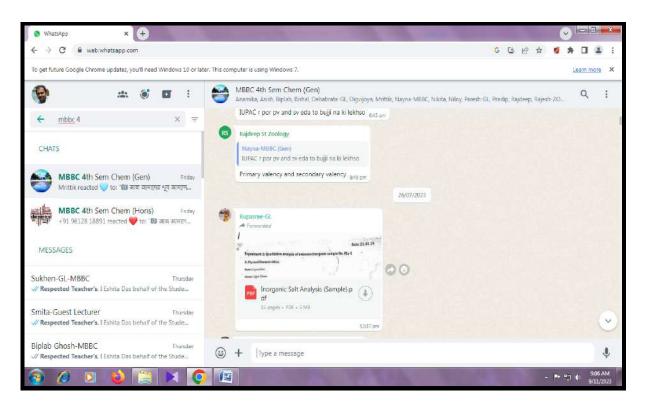
For Example:

- 1) http://www.mbbcollege.in/db/notes/590.pdf
- 2) http://www.mbbcollege.in/db/notes/607.pdf





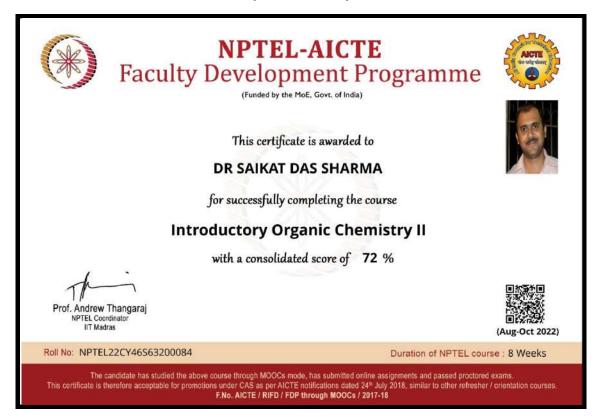




SWAYM- NPTEL Certificates of teachers (Department of Chemistry)

Faculty members undergo SWAYM- NPTEL Certificates courses/Faculty Development Programme at regular interval to keep themselves updated with the modern trend of Chemical Science.

(2022-2023)





Student Assignment Cover Pages



DEPARTMENT OF ECONOMICS

MBB COLLEGE

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Student Centric Methods used for enhancing the learning experiences:

1. Experiential learning:

- a) Field survey
- b) Seminars and presentations
- c) Other: If any, please mention

2. Participative learning:

- a) Debates
- b) Group discussion
- *(ve)* Students Participation
 - d) Activity based learning
 - e) Expert lectures and workshops
 - f) Street/ Role plays
- رور) Other: If any, please mention : Classroom Teaching

3. Problem solving Methodologies

- a) Case Studies
- Lb) Assignments
- Google Sites
 - d) SWAYM- NPTEL Certificates of teachers
 - e) Other: If any, please mention

Participative learning :

Classroom Teaching:





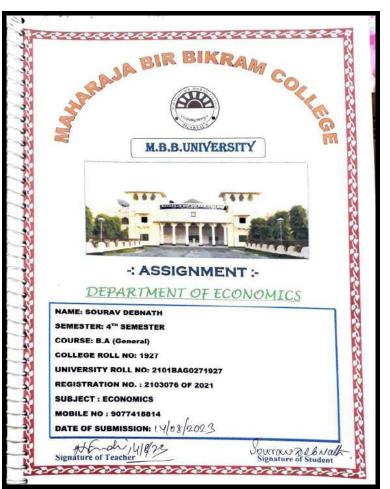
Study materials are available in MBB College Website in student corner section

1 22	Economics
-	2nd Semester
2	4th Semester
BE	6th Semester
3 141	Paper - CC (Core Course)
BC	Uploaded by - Nanigopal Nandi - Assistant Professor - Economics
BIN	(1) statistics
ų	Honours - A few no. students were present.
3 8 W	Paper - GE / DSC (Generic Elective / Discipline Specific Core)
0	Uploaded by - Dr. Abhijit Sarkar - Associate Professor - Economics

Link of Google site :

https://sites.google.com/d/1WOLLiYeujQ_JtV0dzhrwHWb9JOXfFi_L/p/1J2gJafJZqlY7Olo QdxF7aDjZtLZ5wnm7/edit

Problem solving Methodologies



Assignments

DEPARTMENT OF GEOGRAPHY

MAHARAJA BIR BIKRAM COLLEGE, AGARTALA, TRIPURA

STUDENT CENTRIC METHODS

Following Student Centric methods are being used by faculties for enhancing the learning experiences

1.Experiential learning:

- ✓ Field, museum and Industrial visit
- $\checkmark\,$ Seminars and presentations
- \checkmark Exhibitions
- ✓ Other: If any, please mention

2. Participative learning:

- ✓ Group discussion
- ✓ Students Participation
- ✓ Activity based learning
- ✓ Expert lectures and workshops

3. Problem solving Methodologies

- \checkmark Case studies
- ✓ Assignments and projects

<u>1 Experiential Learning</u>

1.1) <u>Field Visits</u>



Pic. 1. Mohanpur panchayat Samiti office: 5th Semester (Honours)2022-2023 students during their physical and socio-economic survey of the area.



Pic. 2. BDO Office, Mohanpur: 4th Semester Geography (Honours) students during their physical and socio-economic survey of the area.



Pic 3: Students collecting secondary data from Kalachhara Panchayat Office



Pic. 4: 4th Semester Student collecting soil sample from study area.







PIC 5(B)

Pic. 5(A) and Pic 5(B): 4th Semester Students collecting information during Household Survey .



Department of Geography, Maharaja Bir Bikram College, Agartala 27 Feb 2023 · 🐑

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Department of Geography students taking a tour of musuem of Department of Botany and Zoology, MBB College. Gratitude to the faculties of respective Departments for taking time to give them a personal tour.



Pic 6: Our students taking a tour of Museum of Botany and Zoology Department.

1.2) <u>Seminars and Presentations:</u>

The Geography Department faculties are dedicated to fostering active students' engagement through seminars and PowerPoint Presentations. Department encourages students to showcase their knowledge research by presenting PowerPoint presentations on various subjects, including projects, assignments and syllabus topics.



Pic. 7. Presentation: 4th Semester Geography (Honours) student presenting his study report.



Pic. 8. Presentation: 4th Semester Geography (Honours) student presenting his study.

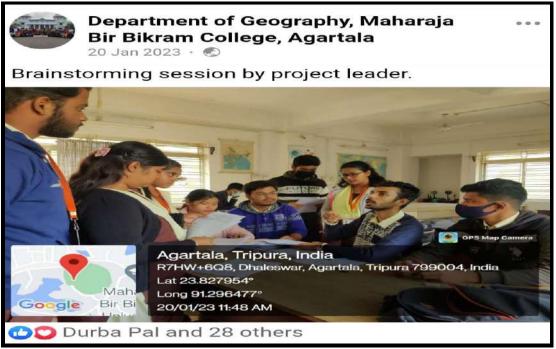
2. Participative Learning

2.1) Group Discussion

The Department of Geography encourages its students to learn from peers through discourse and discussions.



Pic 9(a)



Pic 9(b)

Pic. 11(a) and (b). Group leader taking the lead in discussing assigned topic in the Department of Geography

2.2) <u>Student Participation</u>



Pic 10: Students learning to present their study



Department of Geography, Maharaja Bir Bikram College, Agartala

3 Feb 2023 · 🕲

Two teams from Department of Geography, MBB College presenting their results and findings in the Anveshan 2023 Student Research Convention hosted my MBB University today.



Pic 11: Our students presenting their research results and finding at MBB University



Department of Geography, Maharaja Bir Bikram College, Agartala

1 Mar 2023 · 🕙

The two teams have moved from Stage 1, poster presentation phase to Stage 2, PPT presentation phase in the competition, Anveshan Students Research Project 2023.



Pic 12: Our students doing poster and PPT presentation of their study results and findings



Department of Geography, Maharaja Bir Bikram College, Agartala 2 Mar 2023 · 🐑

So delighted to inform one of the team won 2nd prize in the competition. But both the team are winners for us.



Pic 13: Our students making us proud



Pic 14: Our students shine in regional Convention



Department of Geography, Maharaja Bir Bikram College, Agartala 16 Mar 2023 · 🐑

...

Our students all set to present their study in the First Phase of National Level Anveshan Research Convention 2022 at Ahmedabad, Gujarat.



Pic 15: Our students presented their study at National Level Anveshan Research Convention 2022 at Ahemdabad, Gujarat



PIC 16: Students learning instruments reading (instrument name is Barometer)



PIC 17: Students measuring height and distance with the help of Theodolite instrument



PIC 18: students participated in Mushroom cultivation training workshop organised by Botany Department , MBBC



PIC 19: Students doing soil testing at Department



Department of Geography, Maharaja Bir Bikram College, Agartala

22 Mar 2023 🔹 🜑

A wide range of programme being conducted by Geography Students Forum in observance of World Water Day (Art Competition/Quiz Competition/Photography Competition).



PIC 20: All students doing GSF Activities on World Water Day



Department of Geography, Maharaja Bir Bikram College, Agartala 3 Apr 2023 · 🐑

Three teams from Department of Geography participated in the inter-college students seminar conducted by Women College, Agartala today.



PIC 21: Students participated in Inter College students Seminar



Department of Geography, Maharaja Bir Bikram College, Agartala

4 Apr 2023 • 🕲

As institutional guardians in the Department, we like to exhibit the attempts and accomplishments of our students in becoming their "true selves". In the 41st Agartala Book Fair three students participated from the Department of Geography to represent MBB College. One of the participant won 3rd prize.



PIC 22: Students participating in 41st Agartala Book Fair

Department of Geography, Maharaja Bir Bikram College, Agartala's post

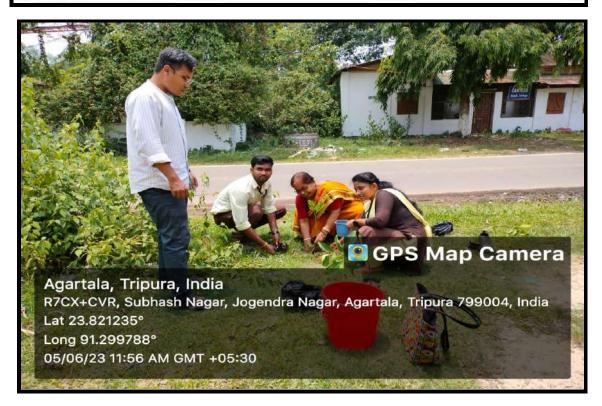


Department of Geography, Maharaja Bir Bikram College, Agartala Jun 5 · 🐑

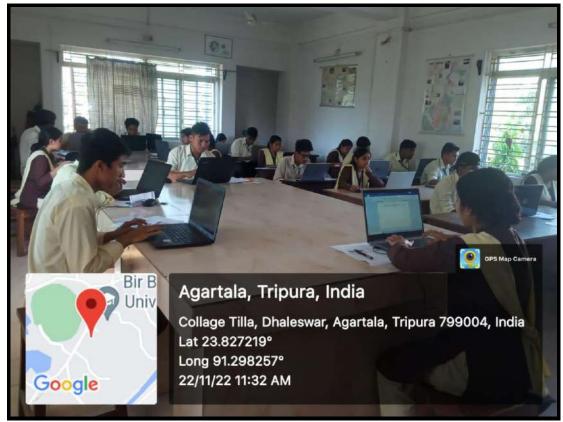
Geography Students' Forum with eclectic events (QR code profiling of trees, planting of saplings, video screening and Quiz Competition) to observe World Environment Day.



🗅 😋 😸 Supriya Debnath and 32 others



Pic 23: Students doing GSF activities on world Environment Day



Pic. 24. Actively learning to solve exercises through shared skills and laptop in Department of Geography



Pic. 25. Learning through active participation: Department of Geography encourages its students to actively participate in learning sessions.

2.3) Activity based learning:



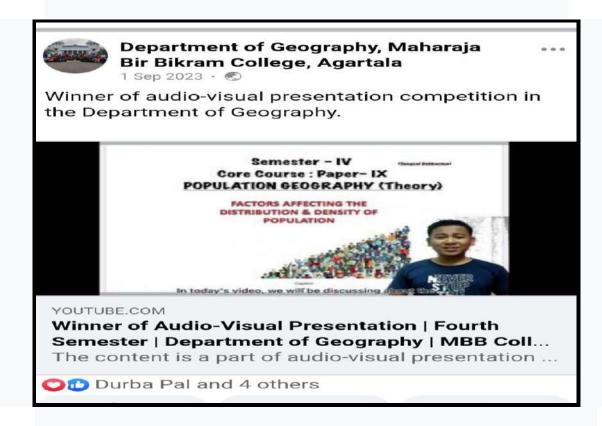
Department of Geography, Maharaja Bir Bikram College, Agartala 21 Mar 2023 · 🔊

Our Department's students giving us a reason to smile and feel proud too. Kudos to the team for your creativity and your desire to shine even with limited platforms to express yourselves.

ected Teachers we(Aradhita , g and Arghyadeep) are /helmed to share that we sipated in a short film making retition representing our Collec ised by TRIPURA AIDS CONT ETY and secured 6th position Fripura and Got a prize Money 00.



PIC 26: Students participated in short film making organised by Tripura Aids Control Society



PIC 27: Students participate in Audio- Video Presentation competition based on

course curriculum

To make studies interesting and fun, we also conduct online or offline quizzes/GK tests and show subject or topic related short videos too for our students to make learning interesting and fun.

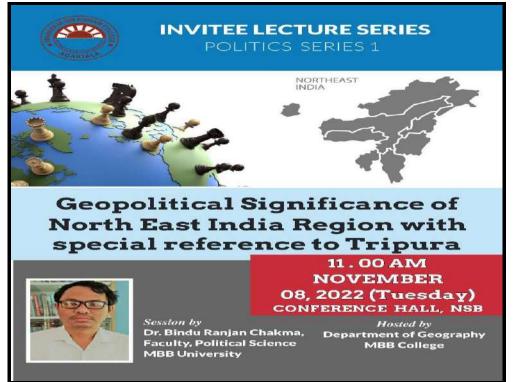
Department of Geography, Maharaja Bir Bikram College, Agartala	
Participate in the online quiz competition and w prizes on the occasion of celebration of 115th E Anniversary of Maharaja Bir Bikram. To particip click in the link below.	Birth
https://docs.google. com/forms/d/e/1FAIpQLSfiQSdA-KL9Fisee m	iore
115th Birth Anniversary Online Quiz Maharaja Bir Bikram Kabaraja Bir Bikram Kabaraj	
(1908-1947) Click on the link below to participate and win prizes (the link will close down at 11.55 pm, 18th August 20. https://forms.gle/reMWTaA1D9ydic8s8	23)
Durba Pal and 8 others	* .

Pic 28: We encourage our students to participate in activities like Quiz Game

2.4 Expert lecture and workshops

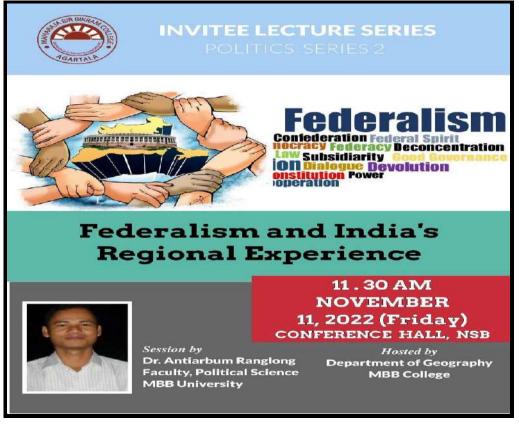
Expert Lecture (2022-2023)

I. Geopolitical Significance of North East India Region with special reference to Tripura by Dr. Bindhu Ranjan Chakma

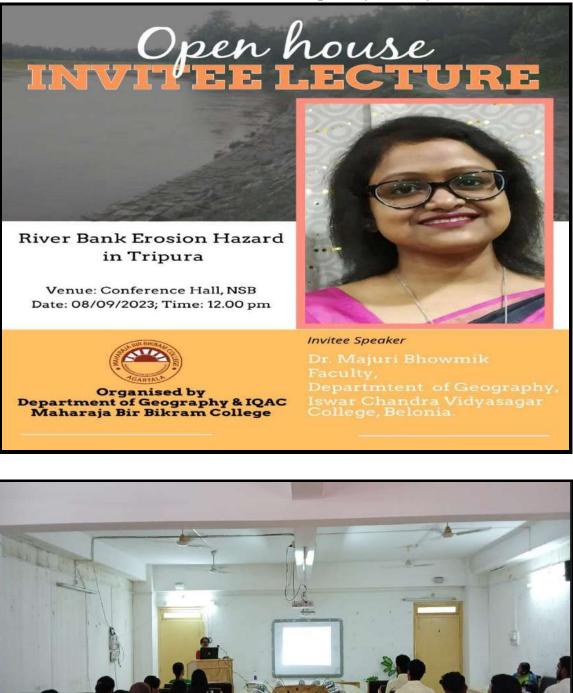












Agartala, Tripura, India

08/09/23 12:22 PM GMT +05:30

Lat 23.82687°

Google

Long 91.298213°

Collage Tilla, Dhaleswar, Agartala, Tripura 799004, India

III. River Bank Erosion Hazard in Tripura by Dr. Majouri Bhowmik

25

GPS Map Camera

3. Problem solving Methodologies

3.1) Case studies <u>https://drive.google.com/drive/u/3/folders/1T4UczUpgOh1TnJUsVo</u> <u>Nd55zuceUpnn1T</u>

3.2) Assignments

https://youtu.be/T4mjA4DTTzs?si=ygwN2bET9ejKKFVn https://youtu.be/T74T5_phDrE?si=zxelBmc4me3qbRxd

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DEPARTMENT OF HINDI

Maharaja Bir Bikram College, Agartala, Tripura

Student Centric Methods used for enhancing the learning experiences (2022-2023):

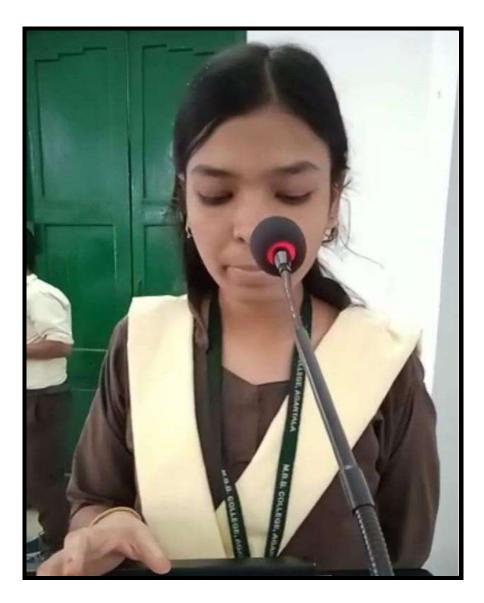
1. Experiential learning:

- a) Field survey No
- b) Seminars and presentations yes
- c) Other: If any, please mention

2. Participative learning:

- a) Debates No
- b) Group discussion yes

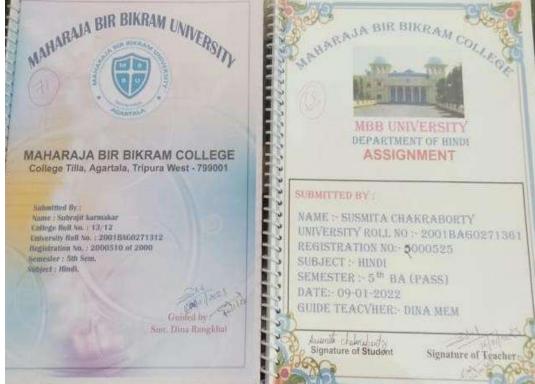




- c) Students Participation yes
- d) Activity based learning No
- e) Expert lectures and workshops yes
- f) Street/ Role plays No
- g) Other: If any, please mention

3. Problem solving Methodologies

- a) Case Studies No
- b) Assignments yes



- c) Google Sites No
- d) SWAYM- NPTEL Certificates of teachers No
- e) Other: If any, please mention

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DEPARTMENT OF KOKBOROK

MBB COLLEGE, TRIPURA

Student Centric Methods used for enhancing the learning experiences (2022-2023):

1) Experiential learning:

✓ Other:

• Viva - voce

2) Participative learning:

✓ Group discussion

Department of Kokborok perform Group discussions in class to make them more interactive and interesting.

✓ Students Participation

Our students actively participate in the Cultural Programme organised by Departments/college programme.



(CELEBRATION OF 45TH KOKBOROK DAY 2023)



(MAHARAJA BIR BIKRAM'S 115TH BIRTH ANNIVERSARY, 2023)



(INTER-DEPARTMENTAL 5 A SIDE FOOTBALL TOURNAMENT CHAMPIONSHIP ON THE OCCASION OF NATIONAL SPORTS DAY 2023)

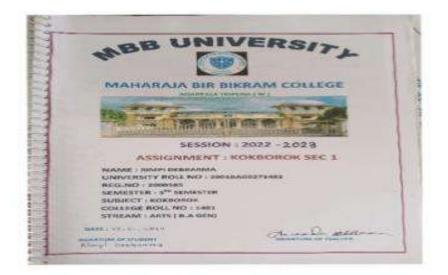


(SPEECH COMPITITION ON DATED 02 SEPTEMBER 2023)

3) Problem solving Methodologies used for Department of Kokborok:

✓ Assignment

Students have to write Assignments and by doing this, they know about the specific Topics . And also it will help them to think critically and analytically while writing their Assignments.



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DEPARTMENT OF PHYSICS

MBB COLLEGE

Student Centric Methods used for enhancing the learning experiences (2022-2023):

Experiential learning:

 $\sqrt{\text{Seminars}}$ and presentations

 $\sqrt{\text{Other:}}$

- Learning through Hands-on experiment
- Model preparation

Participative learning:

 $\sqrt{\text{Group discussion}}$ $\sqrt{\text{Students Participation}}$ $\sqrt{\text{Activity based learning}}$ $\sqrt{\text{Expert lectures and workshops}}$ $\sqrt{\text{Other: Essay writing}}$

Problem solving Methodologies:

 $\sqrt{\text{Assignments}}$ $\sqrt{\text{Other: Computer programming used as problem solving methodology}}$

Teachers use ICT enables tools for effective teaching learning process:

√Google Classroom √E-Content Study material √E- Content on you tube channel. √Social Media (Blog and WhatsApp) √Other: Learning through ICT enabled classroom

Photographs of student participation:



Students are participating in Departmental library organizing.

Students are participating in cleaning the department.



Students are participating in student seminar.



Students are participating in the exhibition.



Photographs of students in activity-based learning:

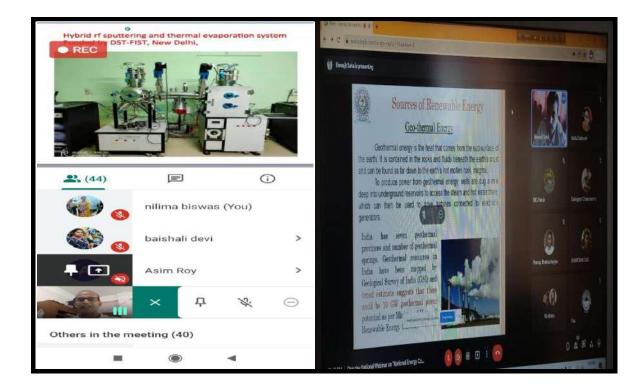


Photographs of expert lectures and workshops:



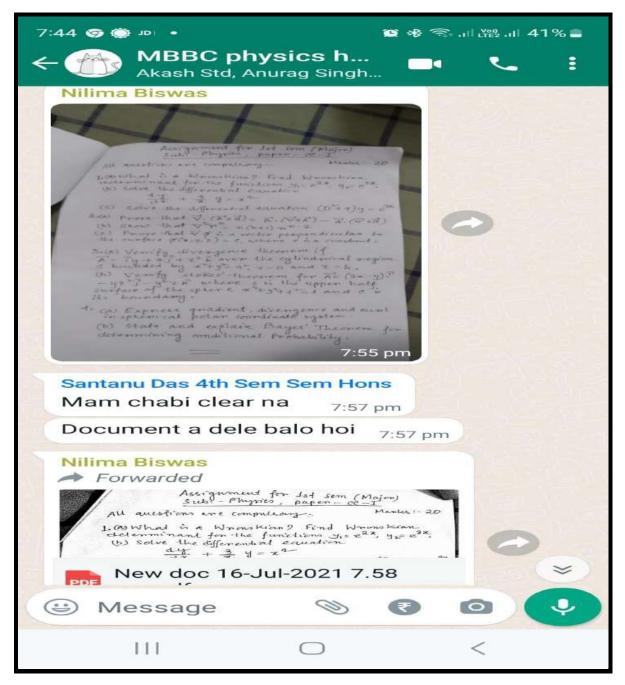


Photographs on seminar and presentations:



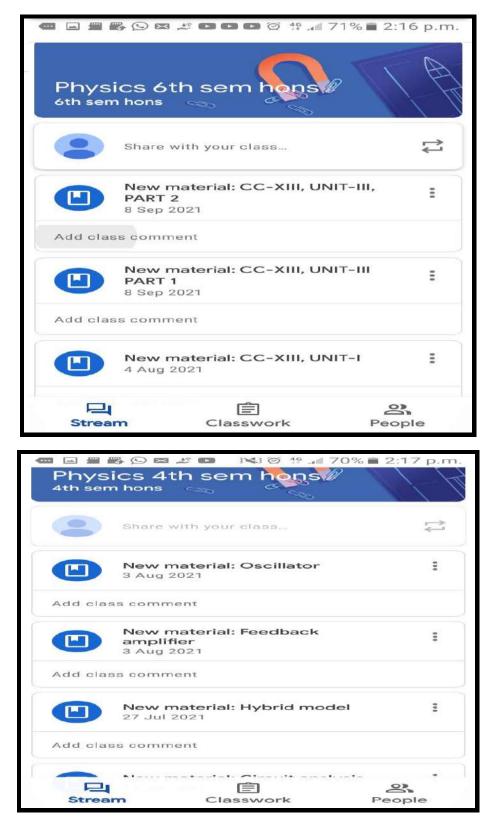
Photographs of Problem solving methodology:

Assignments are given to the students as the problem solving methodology.

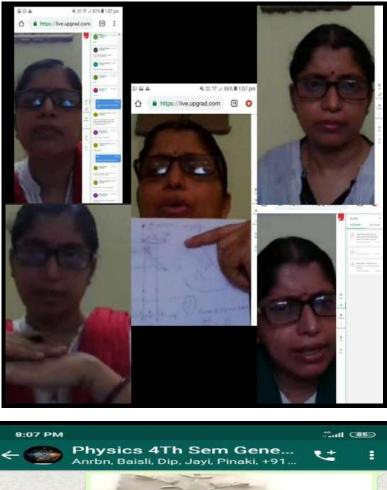


Photographs and links for the use of ICT enable tools for effective teaching learning process:

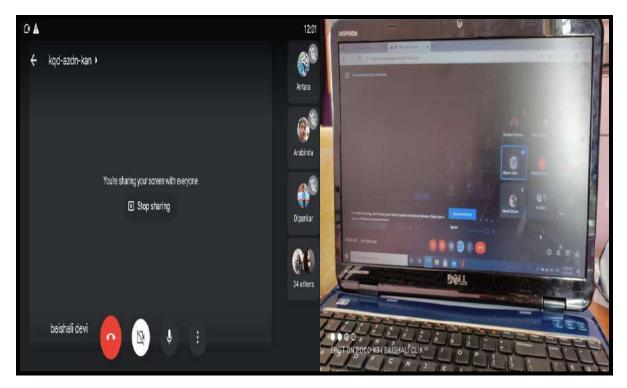
Google Classroom:



Some photographs of learning through WhatsApp and Google-Meet:







Photographs of Learning through ICT enebled classroom:





Some links of E-content study Material:

http://www.mbbcollege.in/db/notes/568.pdf

http://www.mbbcollege.in/db/notes/575.pdf

http://www.mbbcollege.in/db/notes/576.pdf

Link of E- Content on you tube channel: <u>https://youtu.be/Kn7Fby1ZrXQ</u>

DEPARTMENT OF POLITICAL SCIENCE

MBB COLLEGE, AGARTALA

Student Centric Methods used for enhancing the learning experiences (2022-2023):

Name of the Department: Political Science

1. Experiential learning:

- a) Field survey
- b) Seminars and presentations
- c) Other: If any, please mention

2. Participative learning:

- a) Debates
- b) Group discussion
- c) Students Participation
- d) Activity based learning
- e) Expert lectures and workshops
- f) Street/ Role plays
- g) Other: If any, please mention

3. Problem solving Methodologies

- a) Case Studies
- b) Assignments
- c) Google Sites
- d) SWAYM- NPTEL Certificates of teachers
- e) Other: If any, please mention

PARTICIPATIVE LEARNING



Teachers and students of Political Science Department attended the State-level Programme on the occasion of Statehood Day on 21st January, 2023.

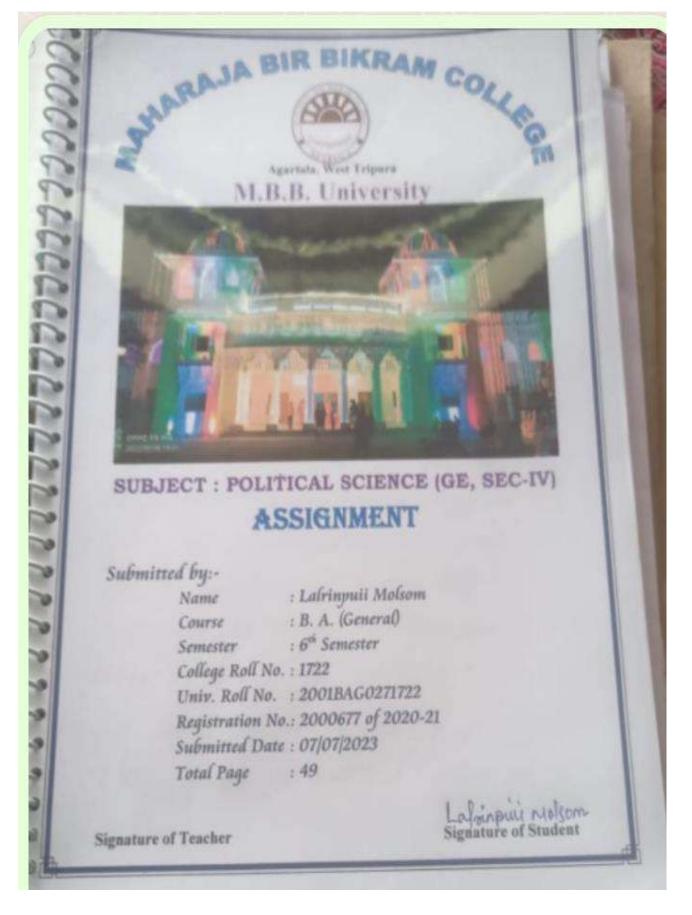


Students of Political Science Department participated in the Quiz in the State-level Programme on the occasion of National Voters' Day on 25th January, 2023.

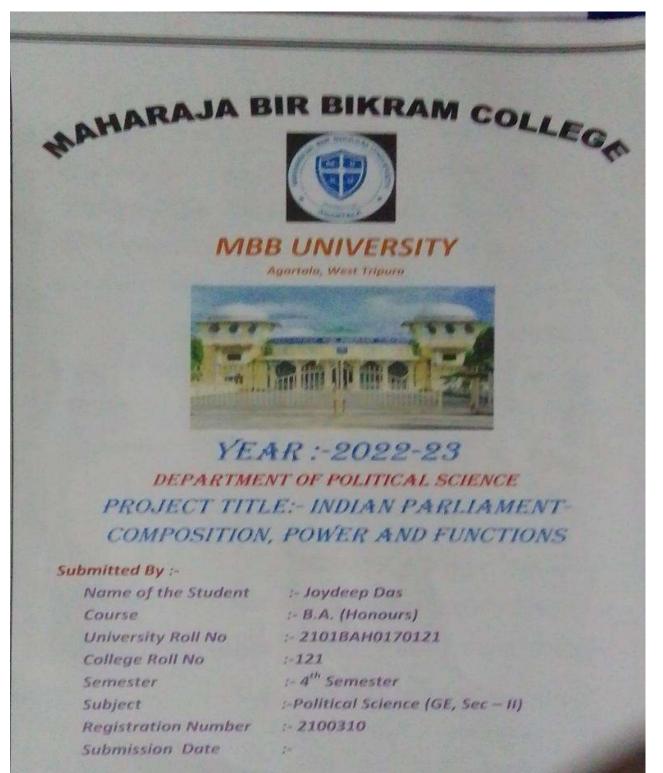
PROBLEM SOLVING METHODOLOGIES



Assignment



Project



Signature of Teacher

Signature of Study

DEPARTMENT OF PSYCHOLOGY

MBB COLLEGE

Student Centric Methods used for enhancing the learning experiences :

1. Experiential learning:

a) Seminars and presentations

2. Participative learning:

- a) Group discussion
- c) Students Participation
- d) Activity based learning
- e) Expert lectures and workshops

3. Problem solving Methodologies

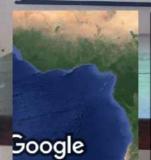
a) Assignments

1(b) Experiential Learning (Seminars & Presentations)

🔋 GPS Map Camera

Agartala, Tripura, India R7GX+R6P, Dhaleswar, Agartala, Tripura 799004, India Lat 23.827047° Long 91.298178° 12/04/23 01:44 PM GMT +05:30

GPS Map Camera



X

Google

Agartala, Tripura, India R7GX+R6P, Dhaleswar, Agartala, Tripura 799004, India Lat 23.827047° Long 91.298178° 12/04/23 01:58 PM GMT +05:30

2 (e) Participative Learning (Expert Lecture)

Google

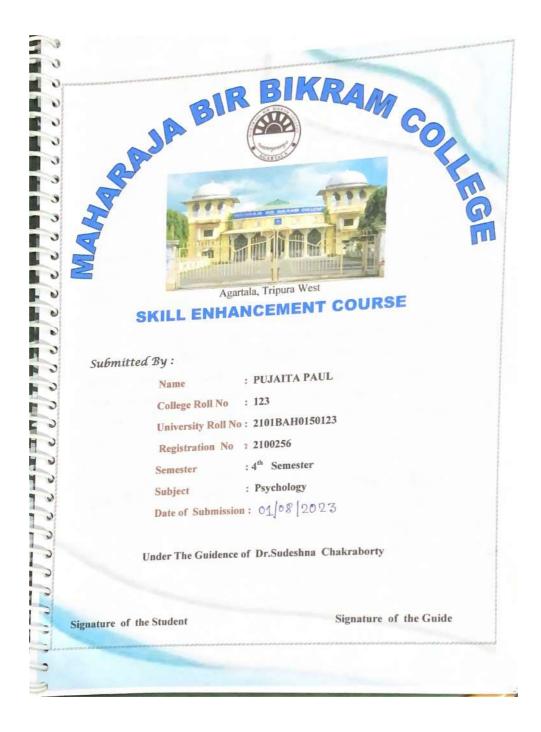


GPS Map Camera

Agartala, Tripura, India R7GX+R6P, Dhaleswar, Agartala, Tripura 799004, India Lat 23.827047° Long 91.298178° 18/04/23 02:07 PM GMT +05:30



3 (b) Problem Solving Methodologies (Assignments)



DEPARTMENT OF SANSKRIT

MB B COLLEGE

HODS are requested to submit **Report** regarding the Student Centric Methods used for enhancing the learning experiences (**2022-2023**):

1. Experiential learning:

- \mathbf{X} a) Field survey
- \mathbf{X} b) Seminars and presentations

✓ c) Other: If any, please mention .What's App Group for study Material

2. Participative learning:

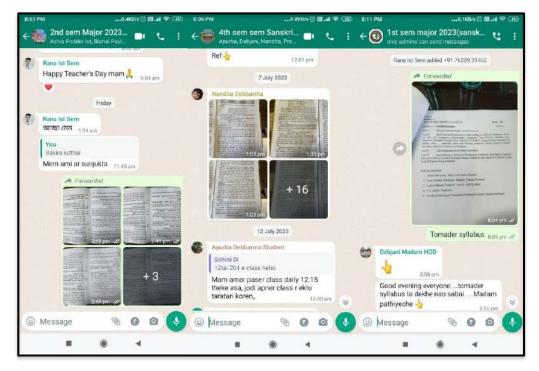
- **X** a) Debates
- ✓ b) Group discussion
- ✓ c) Students Participation
- ✓ d) Activity based learning
- \checkmark e) Expert lectures and workshops
- \mathbf{X} f) Street/ Role plays
 - g) Other: If any, please mention

3. Problem solving Methodologies

- \mathbf{X} 1. Case Studies
- \checkmark 2. Assignments
- X 3. Google Sites
- ★ 4. SWAYM- NPTEL Certificates of teachers
 - 5. Other: If any, please mention

1. Experimental Learning

What's App Group for study Material



Pic: WhatsApp group for Sanskrit department students from different years.

2. <u>Participative Learning</u>

A) Group Discussion



Pic: Students engaged in a group discussion in the Sanskrit Department classroom at MBB College.

Students Participation



Pic: Students attending a special lecture on Sanskrit and the Environment at Maharaja Bir Bikram University.



Pic: Students attending an N-List Awareness Program organized by the Library, MBB College, in collaboration with IQAC and the Department of IT & CS.



Pic: Students participating in reviewing and cleaning the books in the Sanskrit Department at the Central Library, MBB College.

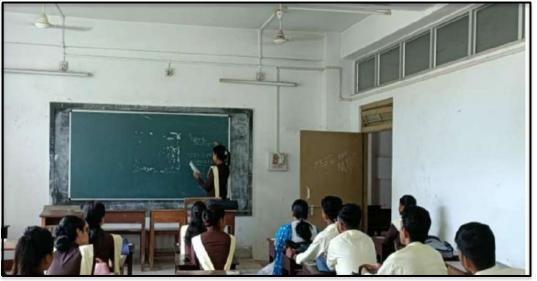


Pic: Students participating in the Sanskrit Day Celebration at the Sanskrit Department, MBB College.

Activity based learning



Pic: Students learning to create a wall magazine at the Sanskrit Department, MBB College.



<u>Pic: Students in the Sanskrit Department study independently at home and then give a lecture on the</u> <u>material in the classroom.</u>

Expert lectures and workshops



<u>Pic: The Sanskrit Department at MBB College organized an international lecture on Modern Literature</u> <u>featuring Humayun Kabir Dhali, President of the Bangladesh Sishu Sahityik Forum.</u>

3. Problem Solving methodologies

Assignments



Pic: Assignments submitted by students in the Sanskrit Department at MBB College.