

## **Criterion-II: Teaching- Learning and Evaluation**

### **2.3. Teaching- Learning Process**

2.3.1.-Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools.

**R. C. Patel Educational Trust's**

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**Student Centric Learning (Pedagogies Used)**

**Department of Geography**

Date-27/03/2024

#### **❖ Pedagogy used for Teaching –**

- Survey Method: This pedagogy involves students thinking critically and actively making judgments based on evidence.
- Observational Method: This can be used inside and outside the classroom. Globe, charts, and models can help students to develop concepts like longitude, latitude, and meridian.
- Excursion Method: This is a trip outside the classroom where students can visualize and gain knowledge through observation, evaluation, and data.

#### **❖ Tools and Materials used-**

- Global position system used for map making
- Windows Operating system such as excel is used for practical demonstrations
- Power Point Presentation for new topics
- Green board used for create Maps and Digramas
- Teaching and learning resources- Reference Books /Text books, other references, Multimedia, Digital learning resources including smart board, Images interpretation through stereoscope.
- Softwares used- G I S software such as global Mapper is used

#### **❖ Description of the Methods -**

- Black Board teaching is useful techniques to understand the topic in audio and visually at the same time to students. Secondly assignments are given to students for broader thinking in fact they achieve learning outcomes like think unimaginable.
- Practical Work: Teaching and learning activities in Geography totally

depends on practical and survey method, hence in which the student is actively involved and that allow to acquire skills and scientific knowledge.

❖ **Outcomes (Learning Experience) -**

- To understand the physiographic knowledge
- Used their knowledge in the field of Agriculture and socio-economic condition Connection to and contribution with their world.
- Geography study gives strong sense of wellbeing.
- Confident and involved learners.
- Developed Soft skills.
- Learning surveys and Computers allows students to learn about the concepts and gain skills as logical & critical thinking, problem-solving skills.

❖ **Photo(s):-**

❖ **Experiential Learning: -**

Academic Year 2018-19	Sr. No.	Method used	Class
	1	Field Work	S Y and T Y B A
	3	Tours	S Y and T Y B A
	4	Quiz /Contest	S Y and T Y B A

- Field Work List –
- Photo(s) of Tours –
- Quiz/ Contest Details – 14 January 2019. Department of Geography organized inter-college level 'Geography knowledge Competition'. In this competition a student from S.P. D. M. College, H. R. Patel and Arts college Thalner took participation. Total students.

Academic Year 2019-20	Sr. No.	Method used	Class
	1	Field Work	S Y and T Y B A
	2	Tours	S Y and T Y B A
	3	Quiz /Contest	S Y and T Y B A

- Field Work List –
- Photo(s) of Tours –
- Quiz/ Contest Details – 14 January 2019. Department of Geography organized inter-college level 'Geography knowledge Competition'. In this competition a student from S.P. D. M. College, H. R. Patel and Arts college Thalner took participation. Total students.

Academic Year 2020-21	Sr. No.	Method used	Class
	1	Field Work	
	2	Project Work	
	3	Industrial Visits / Tours	

- Field Work List –
- Photo(s) of Tours –
- Quiz/ Contest Details – 14 January 2019. Department of Geography organized inter-college level 'Geography knowledge Competition'. In this competition a student from S.P. D. M. College, H. R. Patel and Arts college Thalner took participation. Total students.

Academic Year 2021-22	Sr. No.	Method used	Class
	1	Field Work	
	2	Project Work	
	3	Industrial Visits / Tours	

- Field Work List –
- Photo(s) of Tours –
- Quiz/ Contest Details – 14 January 2019. Department of Geography organized inter-college level 'Geography knowledge Competition'. In this competition a student from S.P. D. M. College, H. R. Patel and Arts college Thalner took participation. Total students.

Academic Year 2022-23	Sr. No.	Method used	Class
	1	Field Work	
	2	Project Work	
	3	Industrial Visits / Tours	

- Field Work List –
- Photo(s) of Tours –
- Quiz/ Contest Details – 14 January 2019. Department of Geography organized inter-college level 'Geography knowledge Competition'. In this competition a student from S.P. D. M. College, H. R. Patel and Arts college Thalner took participation. Total students.

❖ **Participative Learning:-**

Academic Year 2018-19	Sr. No.	Method used	Content
	1	Group Discussion	Satellite Imagery
	2	PPT Presentations	Orbits of satellite

**Photo(s) with appropriate title:-** To understand how the satellite works

Academic Year 2019-20	Sr. No.	Method used	Content
	1	Group Discussion	
	2	Poster /PPT Presentations	
	3	Panel Discussion	
	4	Debate	
	5	Elocution	
	6	Role Play	
	7	Flipped Classroom	

**Photo(s) with appropriate title:-Special Lecture on Environmental Conservation**

Academic Year 2020-21	Sr. No.	Method used	Content
	1	Group Discussion	
	2	Poster /PPT Presentations	
	3	Panel Discussion	
	4	Debate	
	5	Elocution	
	6	Role Play	
	7	Flipped Classroom	

**Photo(s) with appropriate title:- GIS Software Training Course For Student 2018-19**



Academic Year	Sr.	Method used	Content
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2021-22	No.		
	1	Group Discussion	
	2	Poster /PPT Presentations	
	3	Panel Discussion	
	4	Debate	
	5	Elocution	
	6	Role Play	
	7	Flipped Classroom	

**Photo(s) with appropriate title:-**

Academic Year 2022-23	Sr. No.	Method used	Content
	1	Group Discussion	
	2	Poster /PPT Presentations	
	3	Panel Discussion	
	4	Debate	
	5	Elocution	
	6	Role Play	
	7	Flipped Classroom	

**Photo(s) with appropriate title:-**

**Expert talk organized By Department of Geography on Environmental Conservation**





❖ **Problem Solving:-**

Academic Year 2018-19	Sr. No.	Method used	Content
	1	Village Survey	
	2	Topographical map interpretation	
	3	Expert Talk	

Photo(s) of Village Survey Topographical map interpretation March 2019





Academic Year 2019-20	Sr. No.	Method used	Content
	1	Case Studies	
	2	Book Review (for PG Students)	
	3	Research Article review (for PG Students)	
	4	Expert Talk	
	5	Ice-Breaking activity	

Photo(s) of Expert talk, Ice-Breaking activity, Case Study , Book review, Article review.

Academic Year 2020-21	Sr. No.	Method used	Content
	1	Case Studies	
	2	Book Review (for PG Students)	
	3	Research Article review (for PG Students)	
	4	Expert Talk	
	5	Ice-Breaking activity	

Photo(s) of Expert talk, Organized By Department Of Geography on Global Warming 2021



Academic Year 2021-22	Sr. No.	Method used	Content
	1	Case Studies	
	2	Book Review (for PG Students)	
	3	Research Article review (for PG Students)	
	4	Expert Talk	
	5	Ice-Breaking activity	

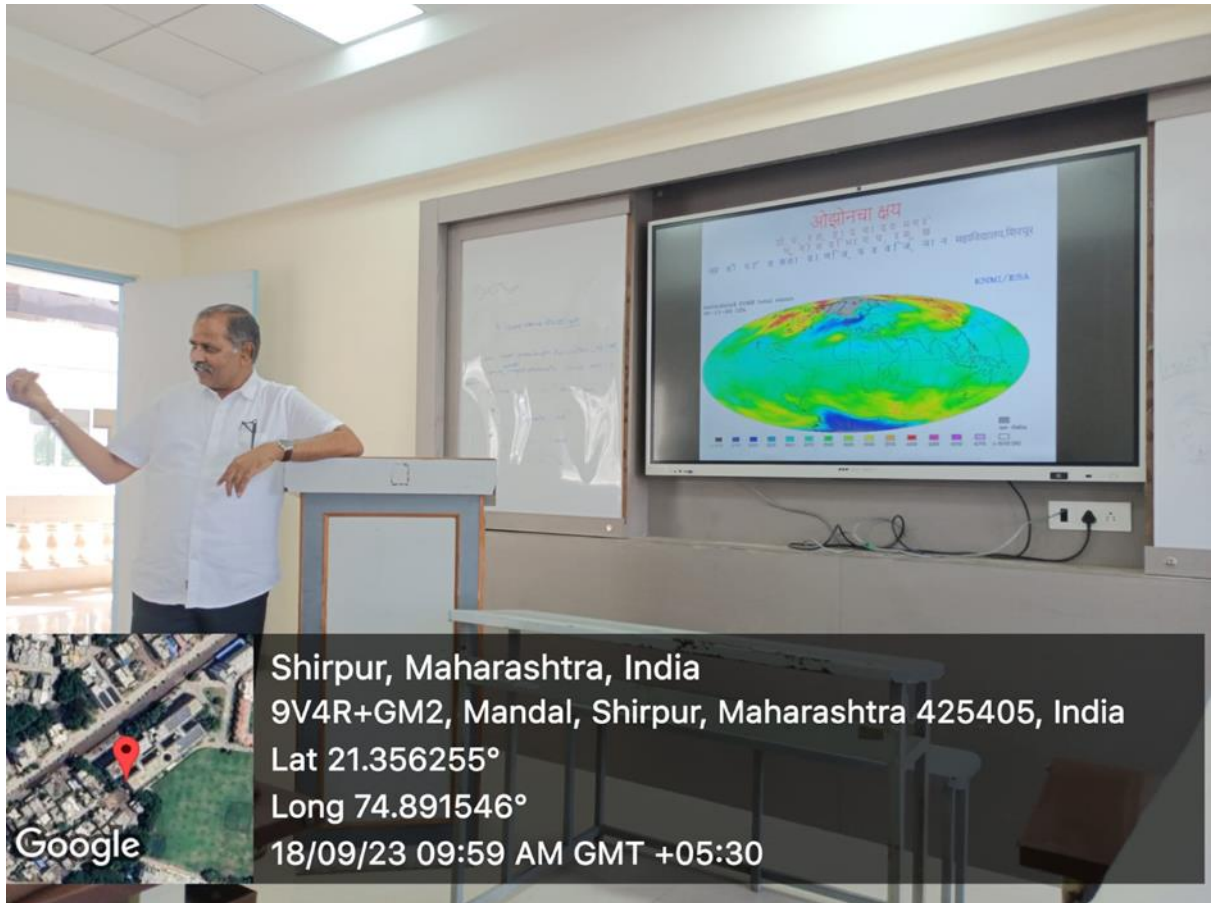
**On the occasion of Science day Poster Presentaion 2022** Expert talk, Ice-Breaking activity, Case Study , Book review, Article review.





Academic Year 2022-23	Sr. No.	Method used	Content
	1	Case Studies	
	2	Book Review (for PG Students)	
	3	Research Article review (for PG Students)	
	4	Expert Talk	
	5	Ice-Breaking activity	

Photo 2023 Special talk on. Ozone day Depletion control Organized by Department of Geography



2022 Special talk on. Ozone day Depletion control Organized by Department of Geography



**R. C. Patel Educational Trust's**  
**R. C. Patel Arts, Commerce and Science College Shirpur**

**ICT Enabled Teaching**  
**Department of Geography**

Date-27/03/2024

**R. C. Patel Educational Trust's**  
**R. C. Patel Arts, Commerce and Science College Shirpur**  
**Department of Geography**  
The Details of ICT Pedagogy used in Teaching Learning Process  
For the academic year 2018-19

<b>Sr No</b>	<b>Contents</b>	<b>Type of ICT Material</b>	<b>Source</b>	<b>Links</b>
1	SYBA	Bharat Patil posted a new assignment: Assignment 1 Created 24 Dec 201824 Dec 2018	Drive	1. <a href="https://classroom.google.com/c/MjcwODc5MzI3MTZa/a/MjcwODc5MzI3MjBa/details">https://classroom.google.com/c/MjcwODc5MzI3MTZa/a/MjcwODc5MzI3MjBa/details</a>
2	T Y B A	Quize	Drive	1. <a href="https://forms.gle/E48pNKUrc8BJtXu29">https://forms.gle/E48pNKUrc8BJtXu29</a> <a href="https://forms.gle/Ucqsuvwor3mduo1o6">https://forms.gle/Ucqsuvwor3mduo1o6</a>
3		You-tube Video		
4		Google Meet		
5		Google Classroom		<a href="https://docs.google.com/document/d/1I0azPks-udL0P4OrM-bNXemd9bvkOBllr8gHsf05UCA/edit?usp=sharing">https://docs.google.com/document/d/1I0azPks-udL0P4OrM-bNXemd9bvkOBllr8gHsf05UCA/edit?usp=sharing</a>
6		You-tube Channel link		
7		Test using Google form or Testmoz		1. <a href="https://testmoz.com/q/11394340">https://testmoz.com/q/11394340</a>
8		PPT		1. <a href="https://docs.google.com/presentation/d/1QdT9BnGrh_tPgbzJH35GleMG1dux6Ego/edit?usp=sharing&amp;ouid=106167490284826714697&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1QdT9BnGrh_tPgbzJH35GleMG1dux6Ego/edit?usp=sharing&amp;ouid=106167490284826714697&amp;rtpof=true&amp;sd=true</a>
9		Smartboard Use		
10		Saturday's Lecture (Hummanities)		



11		Any other		
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<p style="text-align: center;"><b>R. C. Patel Educational Trust's</b>  <b>R. C. Patel Arts, Commerce and Science College Shirpur</b>  <b>Department of Geography</b>  The Details of ICT Pedagogy used in Teaching Learning Process  For the academic year 2019-20</p>				
<b><u>Sr No</u></b>	<b>Contents</b>	<b>Type of ICT Material</b>	<b>Source</b>	<b>Links</b>
1	SYBA	P.Y. Magare <u>Google form</u>	Drive	<a href="https://forms.gle/pRSYkXztf4xPtUUDA">https://forms.gle/pRSYkXztf4xPtUUDA</a>
2	T Y B A	Quize	Drive	<a href="https://classroom.google.com/c/NDk4NzcwNzgwNTBa">https://classroom.google.com/c/NDk4NzcwNzgwNTBa</a>
3		You-tube Video		
4		Google Meet		
5		Google Classroom		Answer - <a href="https://lh3.googleusercontent.com/drive-storage/AJQWtBNaJS840O-PMbZHK50PxFDcEJxmwoC3b2tp">https://lh3.googleusercontent.com/drive-storage/AJQWtBNaJS840O-PMbZHK50PxFDcEJxmwoC3b2tp</a>

				<a href="https://drive.google.com/file/d/14PdSfKE1xtKS0_i9cMZsPg06IeRIOoDU/view?usp=classroom_web&amp;authuser=0">vc6xnRViSFf0ZKSuZ8JI4F7-i5_4KlIViGpD3wp5H2h7z6Rffi8u7I6JcQhuwZC8UYUu-A=w105-h70-c</a>  <u>Related information .</u> <a href="https://lh3.googleusercontent.com/drive-storage/AJQWtBONEenZf2hdF3lu81To4K0W_7MLPew2viVuOni7C7CshqmJGZ2WQDhk-4Ela7qNEmdpXfPYzD-HeDc8sgbTz3_KsCNVYfvpdbEo2Ip_kA=w105-h70-c">https://lh3.googleusercontent.com/drive-storage/AJQWtBONEenZf2hdF3lu81To4K0W_7MLPew2viVuOni7C7CshqmJGZ2WQDhk-4Ela7qNEmdpXfPYzD-HeDc8sgbTz3_KsCNVYfvpdbEo2Ip_kA=w105-h70-c</a>
6		You-tube Channel link		
7		Test using Google form or Testmoz		<ol style="list-style-type: none"> <li><a href="https://drive.google.com/file/d/14PdSfKE1xtKS0_i9cMZsPg06IeRIOoDU/view?usp=classroom_web&amp;authuser=0">https://drive.google.com/file/d/14PdSfKE1xtKS0_i9cMZsPg06IeRIOoDU/view?usp=classroom_web&amp;authuser=0</a></li> <li><a href="https://drive.google.com/file/d/1_9fdncG90pTX5I1ryMod7ROvzWBNvdei/view?usp=classroom_web&amp;authuser=0">https://drive.google.com/file/d/1_9fdncG90pTX5I1ryMod7ROvzWBNvdei/view?usp=classroom_web&amp;authuser=0</a></li> <li><a href="https://drive.google.com/file/d/1fGqONd2H9m2OwBhmyMhdN-82gc3vG8nk/view?usp=classroom_web&amp;authuser=0">https://drive.google.com/file/d/1fGqONd2H9m2OwBhmyMhdN-82gc3vG8nk/view?usp=classroom_web&amp;authuser=0</a></li> </ol> <a href="https://drive.google.com/file/d/1_9fdncG90pTX5I1ryMod7ROvzWBNvdei/view?usp=classroom_web&amp;authuser=0">https://drive.google.com/file/d/1_9fdncG90pTX5I1ryMod7ROvzWBNvdei/view?usp=classroom_web&amp;authuser=0</a>
8		PPT		
9		Smartboard Use		
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Signature  
Head of Department  
Name of Head

