

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

For enhancing learning experiences the faculty members adopt many ways, for example, lecture method, interactive method, project and field work method, computer-assisted method, experiment method etc. Teaching and learning activities are made effective by these practices. Many teachers use the conventional black-board presentation methods, especially in mathematics, commerce and economics, where they teach mathematics and statistics as numerical solving. Also, some teachers use power point presentations and computer-based materials. For, they use the lectures of you-tube to make learning interesting besides the conventional oral presenting methods. Some *Student centric methods* are given below:

Project methods:

The project work stimulate student's interest on the subject and provide student an opportunities of freedom of thoughts and free exchange of different views. As per the requirement of syllabi, the project work is done. For example, the Projects are done in PG classes like M.A.- Political Science and Sociology, and PGDCA.

Interactive methods:

The faculty members make learning interactive with students by motivating student participation in group discussion, role-play, subject quiz, news analysis, educational games, discussion and questions and answers on current affairs, etc. Class room discussions in various topics are done under features. Especially, NSS, Political science department and sociology department organize interactive methods many times in a year.

ICT Enabled Teaching:

ICT enabled teaching includes Wi-Fi enabled class rooms with LCD, Language Lab, Smart Class rooms, etc. The institution adopts modern pedagogy to enhance teaching-learning process. The institution has the essential equipment to support the faculty members and students. Especially, the PGDCA class and Botany department adopts these services.

Experiential learning:

Experimental/Laboratory method is used in science subjects to acquaint the students with the facts through direct experience individually. Students verify the facts and laws of the subject with the help of experiments. Especially, the department of Chemistry, Physics, Botany, Zoology and Geography uses this method. Students take interest and learn things via experiential learning.

Student Seminars:

The Student seminars are organized where in the papers are presented by students on contemporary topics to enrich their learning experience.

Summer Internship Program:


The NSS Swachh Bharat Summer Internship is organized for NSS students. Only 50 student can participate in this program, where they learn about the importance of cleanliness. They do their job of 100 hours in the selected villages. No other academic Summer Internship Program is organized by the college except NSS.

Group Learning Method:

Group Learning method is now being adopted through whatsapp group. Student share their notes and study material through this method. Whatsapp group are made by an student or by the contract teacher. They share the information to each other.

Black-board presentation:

In this method, each student is given a certain question. And student has to solve this problem in the blackboard. The department of mathematics applies this method.


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Additional information

THIS IS A STUDENT CENTRIC METHOD OF TEACHING. THIS METHOD COMES UNDER CURRICULARIA-2.3.1. STUDY-MATERIAL SENT TO THE STUDENTS USING WHATS-APP, E-MAIL, ETC.

S.N.	DATE	CLASS	NAME OF TEACHING/STUDY-MATERIAL	REMARK
1	04-11-2019	M.Sc.-Maths-3 rd Semester	pdf NOTES OF MECHANICS-UNIT-5, ATTRACTION AND POTENTIAL	Whatsapp
2	04-11-2019	M.Sc.-Maths-3 rd Semester	pdf NOTES OF FUNCTIONAL ANALYSIS: PAPER-1 SEMESTER-3	Whatsapp
3	04-11-2019	M.Sc.-Maths-3 rd Semester	pdf NOTES OF GRAPH THEORY: PAPER-5 SEMESTER-3	Whatsapp
4	05-11-2019	M.Sc.-Maths-3 rd Semester	pdf TEXT-BOOK: FUZZY SET THEORY AND APPLICATION	Whatsapp
5	30-11-2019	M.Sc.-Maths-3 rd Semester	sent the SOLUTION TO QUESTION OF SEMESTER-3, PAPER-2, PDE: "Show that the transformation $P=q \cos p$, $Q=\log\{ 1/q \sin p\}$ is canonical"	Whatsapp
6	26-12-2019	M.Sc.-Maths-3 rd Semester	sent the SOLUTION TO QUESTION OF SEMESTER-3, PAPER-5, GRAPH THEORY: "Prove that every digraph without odd cycle has a 1-basis"	Whatsapp
7	30-12-2019	M.Sc.-Maths-3 rd Semester	SOLUTION TO THE QUESTION OF SEMESTER-3, PAPER-5, GRAPH THEORY: "Prove that every interval graph is a chordal graph"	Whatsapp
8	10-02-2020	M.Sc.-Maths-4 th Semester	pdf TEXT-BOOK: INTRODUCTION TO FUNCTIONAL ANALYSIS AND APPLICATION-Kreyszig	Whatsapp
9	10-02-2020	M.Sc.-Maths-4 th Semester	pdf TEXT-BOOK: GRAPH THEORY WITH APPLICATION-C. Vasudev	Whatsapp
10	10-02-2020	M.Sc.-Maths-4 th Semester	pdf TEXT-BOOK: GRAPH THEORY WITH APPLICATION-Bondy and Murthy	Whatsapp
11	15-03-2020	M.Sc.-Maths-4 th Semester	TOPIC FOR BLACK-BOARD PRESENTATION	Whatsapp
12	24-03-2020	M.Sc.-Maths-4 th Semester	sent OLD QUESTION PAPER TO STUDENTS	Whatsapp

13	27-03-2020	M.Sc.-Maths-2nd Semester	A-Century-Of-Graph-Theory-pdf-by-R0bIn-W1Is0n	pdf-Notes-by-Whatsapp
14	23-03-2020	M.Sc.-Maths-2nd Semester	pdf-TEXT-BOOK: GRAPH THEORY WITH APPLICATION-Bondy and Murthy	pdf-Notes-by-Whatsapp
15	29-03-2020	M.Sc.-Maths-2nd Semester	A-Textbook-Of-Graph-Theory—Balkr Ishnan-and-Rangnathan—306pages-Springer	pdf-Notes-by-Whatsapp
16	29-03-2020	M.Sc.-Maths-2nd Semester	Graph-Theory-with-Applicaton—By-C.Vasudev—487pages-NewAgePubl.	pdf-Notes-by-Whatsapp
17	29-03-2020	M.Sc.-Maths-2nd Semester	Graph-Theory-Textbook-Reinhard-Distel-322pages	pdf-Notes-by-Whatsapp
18	29-03-2020	M.Sc.-Maths-2nd Semester	Graph-Theory-Lecture-Notes-of-PENN-STATE-MATH485-written-by-Christofer-Griffin	pdf-Notes-by-Whatsapp
19	30-03-2020	M.Sc.-Maths-2nd Semester	Circuit-matrix-Properties-and-Examples	pdf-Notes-by-Whatsapp
20	01-04-2020	M.Sc.-Maths-2nd Semester	Path-matrix-Properties-and-Examples	pdf-Notes-by-Whatsapp
21	04.04-2020	M.Sc.-Maths-2nd Semester	Weighted-undirected-graph-and-other-Definitions	pdf-Notes-by-Whatsapp

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e-learning method

S.N.	NAME OF TEACHER	NAME OF THE MODULE	PLATFORM IN WHICH THE MODULE IS DEVELOPED	DATE OF LAUNCHING	LINK
1	DR. K. VERMA	Closed Graph Theorem	youtube	07.05.2020	https://youtu.be/Arn8dg7ynKA
2	DR. K. VERMA	Open Mapping Theorem	youtube	06.05.2020	https://youtu.be/ptct_P5_40w
3	DR. K. VERMA	Banach Steinhaus Theorem	youtube	24.05.2020	https://youtu.be/CSIgX7-k7qQ
4	DR. K. VERMA	Uniform Boundedness Theorem	youtube	21.05.2020	https://youtu.be/I2xiB80gRG4
5	DR. K. VERMA	Design of FSM (Lecture-1)	youtube	21.05.2020	https://youtu.be/3X8p6RMMNa8
6	DR. K. VERMA	Finite State Machine	youtube	19.05.2020	https://youtu.be/uglxg08zxmY
7	DR. K. VERMA	Language recognition by Finite State Automata	youtube	23.05.2020	https://youtu.be/vhuEJYmm0t0
8	DR. K. VERMA	Theorem R(3,3)-6	youtube	27.05.2020	https://youtu.be/MdyRpCMF_il
9	DR. K. VERMA	Moore Machine to Mealy Machine	youtube	28.05.2020	https://youtu.be/fjYjcuVDwnY
10	DR. K. VERMA	Ramsay Theorem for Complete Graph (Lecture-2)	youtube	03.06.2020	https://youtu.be/FymYBIP-RGs
11	DR. K. VERMA	Erdos Theorem on Ramsay Number (Lecture-3)	youtube	04.06.2020	https://youtu.be/92LFrHLgXEc
12	DR. K. VERMA	Examples on Ramsay Theorem (Lecture-4)	youtube	04.06.2020	https://youtu.be/Cx_R_pSAYIM
13	DR. PUSPA MINJ	Contribution of H.Garfinkel on Ethnomethodology	youtube	06.05.2020	https://youtu.be/UaxqLBrZKhU
14	DR. PUSPA MINJ	Ethnomethodology	youtube	05.05.2020	https://youtu.be/trZmZtNP5g
15	DR. PUSPA MINJ	Labour lagislation in India (PART-II)	youtube	05.05.2020	https://youtu.be/3c4gqEEfxGE
16	DR. PUSPA MINJ	Labour lagislation in India (PART-I)	youtube	04.05.2020	https://youtu.be/oTfxIHGfT1E
17	DR. PUSPA MINJ	TRADE UNION OF INDIA	youtube	04.05.2020	https://youtu.be/u_IBSSbPeiU
18	DR. PUSPA MINJ	Impact of Industry on family	youtube	04.05.2020	https://youtu.be/D_vs3kOayus
19	S. K. MISHRA	LINGUISTICS-II, PHONETICS AND STYLISTICS (PART I)	youtube	01.05.2020	https://youtu.be/GxaAyBLSCac
20	S. K. MISHRA	LINGUISTICS-II, PHONETICS AND STYLISTICS (PART- II)	youtube	03.05.2020	https://youtu.be/VRESItmfr0
21	DR. GAURAV SHARMA	BUDGET CONTROL RATIO	youtube	24.05.2020	https://youtu.be/7swLeuef6-g
22	DR. GAURAV SHARMA	cash flow statement by Indirect Market	youtube	12.05.2020	https://youtu.be/RPG6_BBW-cE
23	DR. GAURAV SHARMA	cash flow statement by Direct Market	youtube	12.05.2020	https://youtu.be/LkzkzyhKY5o
24	DR. GAURAV SHARMA	cash flow statement -Introduction and Discription	youtube	10.05.2020	https://youtu.be/A3v434Cp2W4
25	DR. GAURAV SHARMA	cash flow statement -(Part-II)	youtube	08.05.2020	https://youtu.be/WOE1VKX0eAo
26	DR. GAURAV SHARMA	Budget and Budgetory Control	youtube	04.05.2020	https://youtu.be/Y14nyQ09LjM
27	DR. GAURAV SHARMA	Budget and Budgetory Control (Part-II)	youtube	20.04.2020	https://youtu.be/bZ-b_S2aaU
28	DR. GAURAV SHARMA	flexible Budget	youtube	03.05.2020	https://youtu.be/CWKcmJmz4bl
29	DR. GAURAV SHARMA	Flexible Budget-Part-II	youtube	03.05.2020	https://youtu.be/mJ2RKEyyzFk
30	DR. GAURAV SHARMA	Flexible Budget Sums	youtube	03.05.2020	https://youtu.be/MeWS4r_-J-E
31	PRAVEEN KUMAR JAIN	C-Value Paradox Explain	youtube	26.04.2020	https://youtu.be/iM7Wipu8FTQ

32	PRAVEEN KUMAR JAIN	Protoplast Research	youtube	12.05.2020	https://youtu.be/y339Dh9_N9Y
33	PRAVEEN KUMAR JAIN	Restriction Mapping	youtube	28.04.2020	https://youtu.be/TVjz58B5FH4
34	PRAVEEN KUMAR JAIN	C-Value Paradox	youtube	26.04.2020	https://youtu.be/8aNdIS2Hwzo
35	DR. PREETI BALAJAISWAL	Utilization, Economic & Environmental Significance & conservation of Coal	youtube	27.04.2020	https://youtu.be/IrU_NU6Q1AA
36	DR. PREETI BALAJAISWAL	Power Resource Hydroelectricity	youtube	25.05.2020	https://youtu.be/fkYRj87WQDY
37	DR. PREETI BALAJAISWAL	iron & steel industry	youtube	25.05.2020	https://youtu.be/nQAI7bJV7CI
38	DR. PREETI BALAJAISWAL	POWER RESOURCE PETROLEUM PART 2	youtube	09.05.2020	https://youtu.be/mnUnkB-8vm0
39	DR. PREETI BALAJAISWAL	POWER RESOURCE :- COAL	youtube	30.04.2020	https://youtu.be/EU8Su98hJE8
40	DR. PREETI BALAJAISWAL	Ocean Deposite	youtube	16.04.2020	https://youtu.be/hxIfC1D6b48
41	DR. PREETI BALAJAISWAL	Power Resource : Petroleum	youtube	01.05.2020	https://youtu.be/ccVU1DfYcQY