

CRITERIA-2_TEACHING LEARNING AND EVALUATION

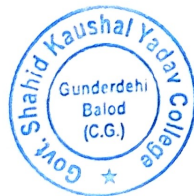
Key Indicator – 2.3 Teaching learning process

2.3.2_Teachers Use ICT enabled tools for effective teaching-learning process.

Response:-

The faculty teachers use the ICT tools to make conventional teaching and learning processes interesting. P.G students are encouraged to utilize more of ICT tools for the latest information.

- The institution has one hall with ICT facility and Jio wifi facility. The teachers directly stream web pages and videos.
- There are printers and scanners available in the office.
- Mobile for online teaching has been used for the past two years. The teachers used YouTube videos and other relevant resources Google meet link in the pandemic period.
- Google Search is also used as collaborative learning.
- The students have learnt to use specific software for acquiring knowledge.
- M.A. Geography and M.A. Political science department suggests students to take help from videos, and other educational programs.
- Audio lectures were created and shared with students of both UG/PG.
 - Teachers made transition from Offline classrooms to Online classrooms during pandemic.
 - Students UG and PG are encouraged to prepare presentations, projects, and assignments.
 - Teachers also use social media platform like Whatsapp and Telegram so as to get connected with students individually as well as in groups.



CRITERIA-2_TEACHING LEARNING AND EVALUATION

Key Indicator – 2.3 Teaching learning process

2.3.2 *Teachers use ICT enabled tools for effective teaching-learning process.*

Use of ICT helps in teaching and learning. ICT helps teachers to interact with students. It helps in effectiveness of classroom. It is a tool for teaching and learning itself, the medium through which teachers can teach and learners can learn. It appears in many different forms.

Learning Management System (LMS) & E – Learning Resources

- a) Information & Communications Technology (ICT) enabled teaching methodologies are being used by some faculty members in class rooms.
- b) The use of multimedia teaching aids like, LCD projectors, classrooms with internet enabled computer/laptops/tablet systems are occasionally used by some teachers in classroom.
- c) Seminar hall is equipped with multimedia facilities using ICT tools. Invited talks are conducted in seminar hall using ICT facilities. Other department e.g., B. Com., Botany and PGDCA uses ICT tools.
- d) Guest lecture organized using ICT facilities.
- e) Social media whatsapp group are also formed. In this group important study material is sent. The notes, old question paper, Lecture video etc. are sent to students. Student get contact with each-other and also with teacher.
- f) If any problem or exercise is unsolved, then it is put in this media. Teacher search the solution and sent it to student. Specially in M.Sc. Mathematics.
- g) Other department also use the ICT for teaching. The college activity is sent to each other, as photo, message and information. This method helps student to join-up with the college. Any information of University regarding him is also sent to student.



CRITERIA-2_TEACHING LEARNING AND EVALUATION

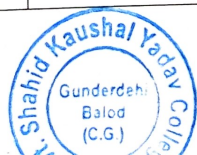
Key Indicator – 2.3 Teaching learning process

2.3.2-Additional information

Teachers Use ICT enabled tools for effective teaching learning process. Following are the links of video lectures uploaded using ICT.

Youtube lecture uploaded in the Google and sent link to the Students of Mathematics Department

S.N.	LECTURED BY	CLASS/ SEMESTER	PAPER	Unit	TOPIC	LINK
1	DR. R. K. Verma	B.Sc.-1 sem (Mathematics)	First	1	Scalar field and Vector field	https://youtu.be/Wpk1OSXLRyQ?si=9Dl-PIXosSHBBIHQ
2	DR. R. K. Verma	B.Sc.-1 sem (Mathematics)	First	1	Gradient	https://youtu.be/3l3a4F49g0o?si=4Vqb8hua7Rd3eOJ
3	DR. R. K. Verma	B.Sc.-1 sem (Mathematics)	First	1	Divergence theorem	https://youtu.be/PGNoaP3bfJU?si=7xXngsNzC0t7Ymi
4	DR. R. K. Verma	B.Sc.-1 sem (Mathematics)	Fifth	5	Laplacian or Laplace Operator on a Scalar Function	https://youtu.be/iHviEFK4v4g?si=gz3dzxaaog2s5Eun
5	DR. Vinod Pandey	B.Sc.-1 sem (physics)	Fifth	4	Work done in deforming a body with Shear strain	https://youtu.be/2e1wG4yKLxU?si=nvz2r3Z0rEfqnd_v
6	DR. Vinod Pandey	B.Sc.-1 sem (physics)	Fifth	5	Relation among Young's modulus, Modulus of rigidity and Poisson's ratio	https://youtu.be/dneE1amYo?si=pilrDjBlwnVu7LYB
7	DR. Vinod Pandey	B.Sc.-1 sem (physics)	First	1	Torsion pendulum	https://youtu.be/pAJ2CQ28Lag?si=iOg3cmuLx-f8-MPe
8	DR. Vinod Pandey	B.Sc.-1 sem (physics)	Five	1	Depression of Cantilever	https://youtu.be/7leJgDSQkaw?si=c6wtyGVSVgDiTGjn



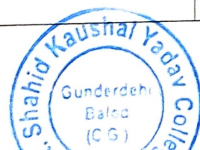
CRITERIA-2_TEACHING LEARNING AND EVALUATION
Key Indicator – 2.3 Teaching learning process

9	DR. R. K. Verma	BSc 2 (Mathematics)	Fifth	5	Moore Machine to Mealy Machine	https://youtu.be/fjYjcuVDwnY
10	DR. R. K. Verma	BSc 2 (Mathematics)	Five	1	Ramsay Theorem for Complete Graph (Lecture-2)	https://youtu.be/FymYBIp-RGs
11	DR. R. K. Verma	BSc 2 (Mathematics)	Five	1	Erdos Theorem for Ramsay Number (Lecture-3)	https://youtu.be/92LFrHLgXEc
12	DR. R. K. Verma	BSc 2 (Mathematics)	Five	1	Examples of Ramsay Theorem (Lecture-4)	https://youtu.be/Cx_R_pSAYIM
13	Jay Shrivastava	B.Sc.-2 sem (Mathematics)	Fifth	4	k-equivalent states	https://youtu.be/HCOhGC-Qlss
14	Jay Shrivastava	B.Sc.-2 sem (Mathematics)	Fifth	4	Finite State Machine (Lecture-1)	https://youtu.be/PZ4Px6teZG8
15	Jay Shrivastava	B.Sc.-2 sem (Mathematics)	Four	4	Jenson Theorem	https://youtu.be/FNRIw4wrG4U
16	Jay Shrivastava	B.Sc.-2 sem (Mathematics)	Four	5	NLPP (Lecture-1)	https://youtu.be/Wkg20jwXo5g
17	Jay Shrivastava	B.Sc.-2 sem (Mathematics)	Four	5	Example of Kuhn Tucker Theorem (Lecture-3)	http://youtu.be/mCbGfWYQM5s
18	Jay Shrivastava	B.Sc.-2 sem (Mathematics)	Four	5	Kuhn Tucker Necessary and Sufficient condition NLPP	http://youtu.be/ykoZPjN_tzs



CRITERIA-2_TEACHING LEARNING AND EVALUATION
Key Indicator – 2.3 Teaching learning process

19	Jay Shrivas	B.Sc.-2 sem (Mathematics)	Four	4	Canonical Product (Lecture-1)	https://youtu.be/6FaxdRuuq1g
20	Jay Shrivas	B.Sc.-2 sem (Mathematics)	Second	3	Important Theorem for Outer Measure (Lecture- 2)	https://youtu.be/cTsmB78Novo
21	Jay Shrivas	B.Sc.-2 sem (Mathematics)	Second	3	Measure and Outer Measure (Lecture-1)	http://youtu.be/VWL9cA6rbms
22	Dr. Gaurav Sharma	B.Com			Budget Controll Ratio	https://youtu.be/7swLeuef6-g
23	Dr. Gaurav Sharma	M.Com			Cashflow statement by indirect method	http://youtu.be/RPG6_BBW-cE
24	Dr. Gaurav Sharma	M.Com			Cashflow statement by direct method	http://youtu.be/LkzkzyhKY5o
25	Dr. Gaurav Sharma	M.Com			Cashflow statement introduction and discription	https://youtu.be/A3v434Cp2W4
26	Dr. Gaurav Sharma	B.Com			Budget and Budgetory Controll System-Lecture 1	https://youtu.be/WOE1VKX0eAo
27	Dr. Gaurav Sharma	B.Com			Budget and Budgetory Controll System-Lecture 2	https://youtu.be/bZ-b_S2aaU
28	Dr. Gaurav Sharma	B.Com			Flexible Budget-2	https://youtu.be/mJ2RKEyyzFk
29	Dr. Gaurav	B.Com			Flexible Budget-1	https://youtu.be/CWKcmJmz4bl



CRITERIA-2_TEACHING LEARNING AND EVALUATION
Key Indicator – 2.3 Teaching learning process

	Sharma					
30	Dr. Gaurav Sharma	B.Com			Flexible Budget-sums	https://youtu.be/MeWS4r_-J-E
31	Praveen Kumar Jain	M.Sc.-Botany 2sem	2	2	Why to prepare restriction	https://youtu.be/TVjz58B5FH4
32	Praveen Kumar Jain	M.Sc.-Botany 4sem			Possibilities, Achievements and Limitations of protoplast research	https://youtu.be/y339Dh9_N9Y
33	Praveen Kumar Jain	M.Sc.-Botany 2sem	2	2	C-Value Paradox	https://youtu.be/iM7Wipu8FTQ

