Best Practice I: Improving Teaching-Learning Process

Vidya Bharati Mahavidyalaya is a well known institute for its quality in higher education. The institution has established Academic and Administrative Audit Committee for fostering intellectual and quality culture in the campus and to maintain complete transparency in the institutional academic functions. Feedback Mechanism is also implemented in the college to correctly gauge the impact of all the efforts taken by the institution. The institution also has an academic calendar for Effective and efficient planning, attaining pre-determined purposes and the overall national socio-economic development of the learners. Our institute takes initiatives and provides all the ICT based facilities to the learners to improve the teaching-learning process.

In the broad concept, teaching-learning process is classified into four types: Classroom based, Experiential, Participative and Problem-solving methodologies.

We have provided few photographs of each type.

Classroom based Learning

Dr. R. M. Patil, Department of English delivering lecture in A. V. Theatre (MBA Building)

Prof. D.M. Kene, Department of Computer Science conducting session in State-of-the-Art ICT based E-classroom

Dr. T. S. Wasnik, Department of Physics delivering lecture in ICT based A.V. Theatre (Main Building)

Dr. N. D. Thorat, Department of Zoology using ICT enabled teaching in the laboratory

Experiential Learning

Experiential learning is the active process whereby students "learn by doing" and responding according to experience. Experiential learning can include hands-on training, internships, field work, academic research and stage performances.

One Day Training Session under MOU was organized by the Department of Cosmetics on Cosmetic Formulation on 3/10/2019. Mr. Aamod Damle, Director of Herbguzel Zakenman India Pvt .Ltd., Pune provided his expertise on the basic concept and importance of Product and Industry, Regional and International Regulatory authorities, Product endorsement bodies and Research and Development. The total 77 students and 03 staff members got benefited.

ICT skills enhancement through experiential learning

Visit/ Excursion

Department of BCA visited to Think Next Technologies Pvt. Ltd., Chandigadh to enhance experimental knowledge of Actual Software Development. The total 39 students and 2 staff members were involved in it.

Department of Botany organized Short Excursion at Medicinal Plant's Garden, Sipna College, Chikhaldara on 5/10/2019 to explore the Medicinal Plants as well as to acquaint them about the Medicinal and Theraupetical importance of the plants. Dr. Kokate, Associate Professor and Head, Department of Botany, Sipna College guided the students. The total 85 students got benefited.

Dr. Kokate, Assistance Professor guiding the students

Hands on Training

Germinated sapling being planted in the College Garden by students

Participative Learning

Trade Fair: Judges interacting with the student participants at a stall

ICT enabled teaching-learning to foster students' knowledge and skills

Induction Program

Department of MCA organized an induction program on 27/08/2019 to provide necessary information, resources, and motivation to ensure their effective integration into the new environment to newly admitted students and inculcate in them the ethos and culture of the institution. Dr. Pallavi Mandaogade, Head, MBA Department was guest of honour. The total 63 students got benefited.

New students feeling comfortable in the new environment

Enhance Communication Skills using ICT enabled Language lab

Problem Solving Methodologies

Problem-Solving Methodologies are the processes through which a situation or issues may be analyzed and then implemented through acquired knowledge to solve the problems. Different methodologies may be optimized for specific applications. It helps learners to solve problems effectively and efficiently.

The institute takes initiatives and gives great importance to the projects, group discussions, workshops, training programs, Quiz Competition, etc.

Workshop

Alumni Association organized Two days workshop on " Preparation for SET and NET" for PG students on 4th and 5thJanaury 2020. The programme was chaired by Honourable Dr Pradnya Yenkar, Principal,Vidya Bharati Mahavidyalaya Amravati. The session was conducted by Alumanus Mr Tauheed Nadim, NET , SET and GATE Trainer, Pune. The total 40 students participated.

Industry-Institute Interaction

"Industry-Institution Interaction" for PG students was organised on 12/03/2020 to motivate learners how to face viva in Industrial Interview? The programme was inaugurated by Hon'able Principal Dr Pradnya Yenkar. The session was conducted by our Alumnus Dr Shashank Potdar. The total 120 students got benefited.

Project Work

Students of Electronics working on Project

Group Discussion

Group Discussion on PHP to develop the professional knowledge and skills

Quiz Competition

Department of Mathematics organized Quiz Competition on 13/09/2019 to develop students computational skills, critical and analytical thinking, problem-solving skills.

Seminar Presentation

A student presenting seminar in the Department of Psychology

Organization of Class Tests

UG students

PG Students

Students are facing the examination

Library as a Knowledge Center

Book Exhibition was organized on 15th and 16th July 2019 in the Department of Knowledge Resource Center. Hon'. Principal Dr. P. S. Yenkar and Librarian Dr. Vishal Shekhawat inaugurated the Book Exhibition at 10.30 am. Various new books on Competitive/ Banking examination, General knowledge and Subject-wise Books were seen along with the various Projects created by the students in the Book Exhibition. The total 383 Students and Teaching and Non-teaching staff visited the exhibition.

Hon'. Principal Dr. P. S. Yenkar and Librarian Dr. Vishal Shekhawat observing the Book Exhibition

Students observing various new reference books available for them

Students reading books in the library

Stack room of Library with ample number of books, monographs and CDs, and digital resources (Main Building)

Library Resources:

Library is well equipped with rich knowledge resources in Hard & Soft form. It also caters to the need of voracious readers of amateur literature. It has ample of collection of Textbooks, References. E-Books etc.

Details of the resources:

- Total books in the library - 61,943
- Digital databases - 02
- References - 3059
- E- books - 3432333
- Journals - 119
- E- journals - 8000+
- CDs & DVDs - 456
- Newspapers in 04 languages - 19
- Daily visitors to the library - 205
- On an average each year, the library purchases are worth of Rs. 10,00,000/-
- Library is fully automated with reprography and browsing facility.

E-Resources:

E- resources include web sites, online databases, e-journals, e-books, and physical carriers in all formats, whether free or fee-based and may be audio, visual, and/or text files. The following online facilities are provided to the students.

- N. List (College ID - 2029)
- DELNET (College ID - IM7710)
- NDL
- NPTEL
- SWAYAM
- SWAYAMPRABHA

Use of online classrooms (Google Classrooms) to expand the use of ICT enabled teaching-learning for learners:
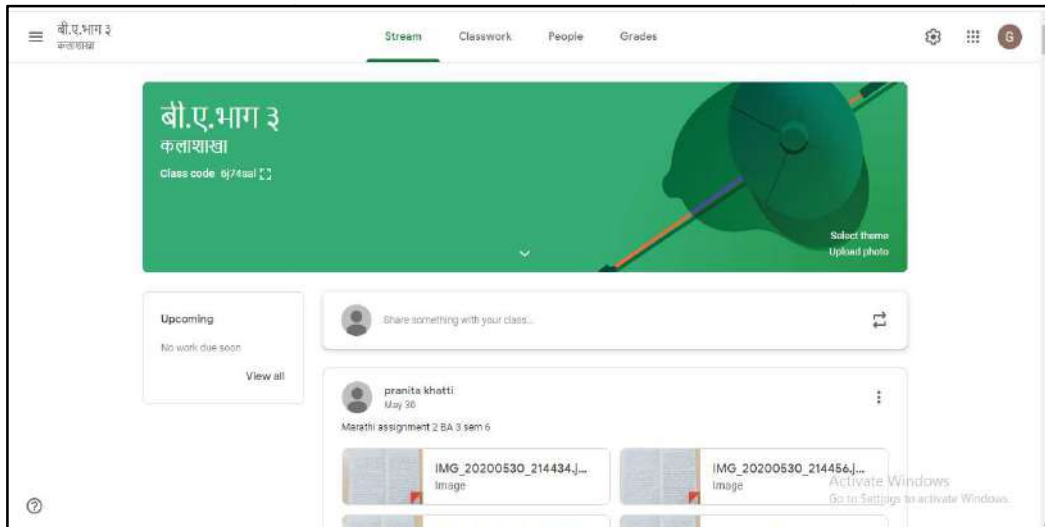
Use of Google Classroom for B. A. III (Arts)
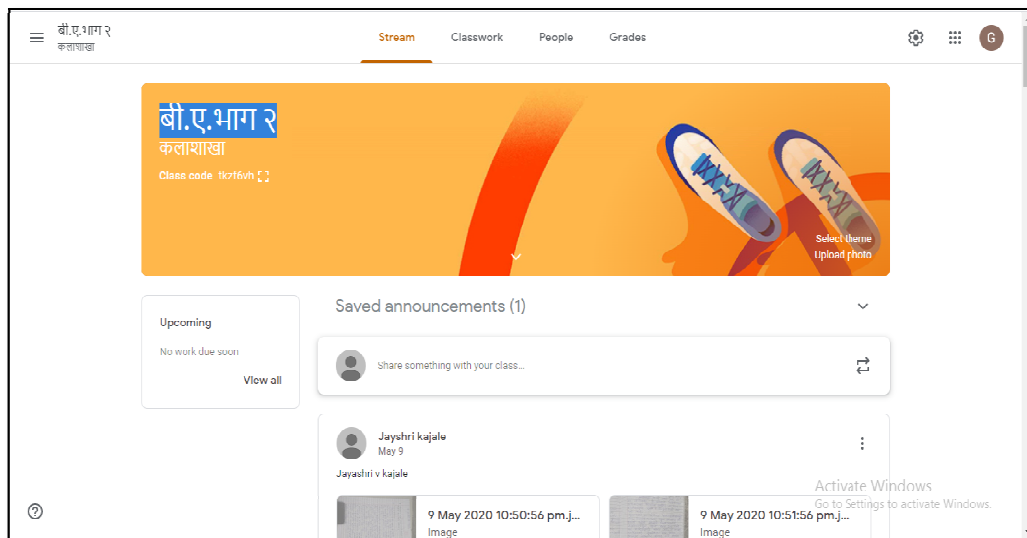
Use of Google Classroom for B. A. II (Arts)

Use of Google Classroom for B. Sc. II (Electronics)

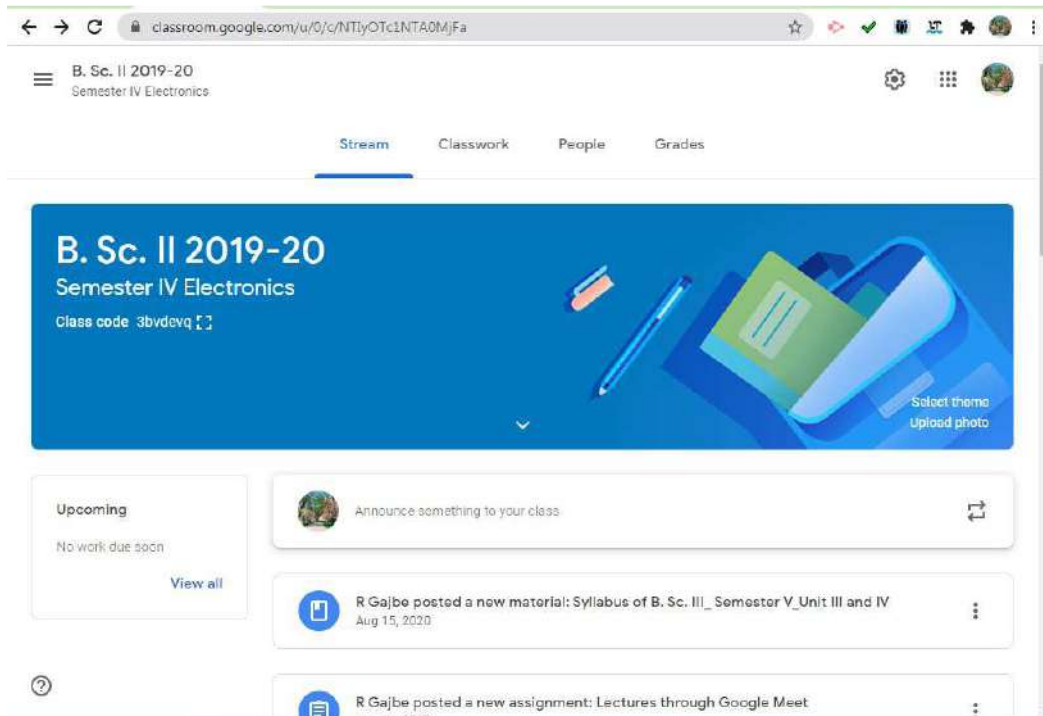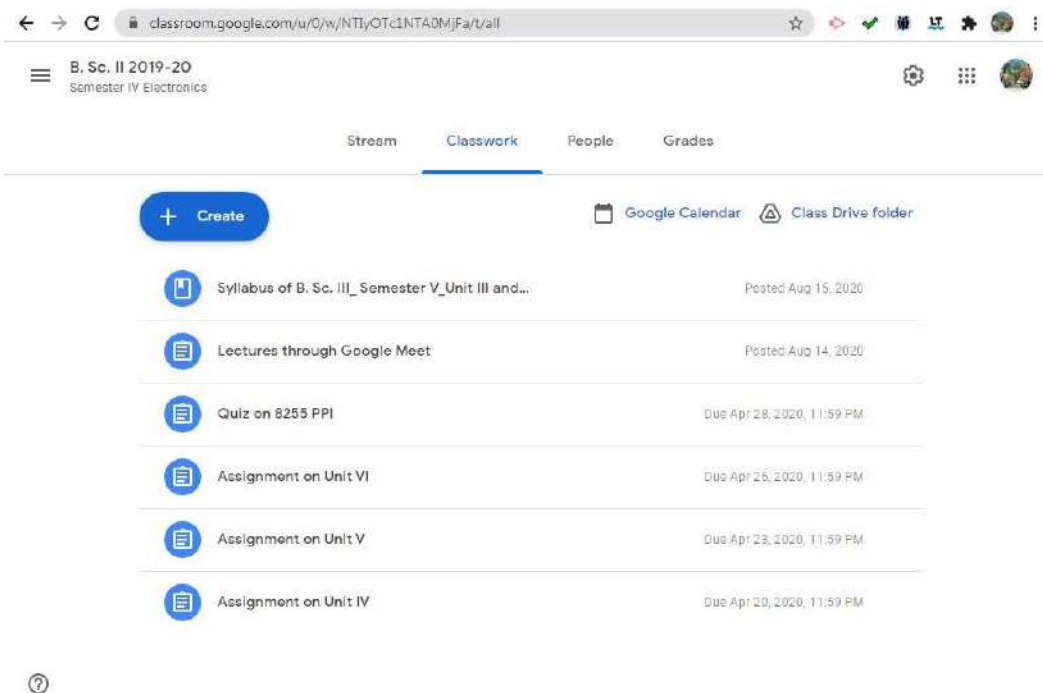Shared the Class Materials, Quiz and Assignments on Google Classroom for B. Sc. II (Electronics)

Outcome: University Result

Report of the Examination Committee 2019-2020
University Examination Results of Sem. I, Sem. III & Sem. V

The Examination Committee has analyzed the results of semester I , semester III & semester V examinations 2019-2020.The aggregate percentage of results of the college for U.G.(Sem. I, Sem. III & Sem. V) is **58.07%**&   of P.G**. 48.97 %** . The overall result of our college reaches to **53.52%.**

Under-Graduate Courses 2019-2020

Winter 2019

S.N.	Class	Appeared for First year Exam.	Passed in Final Exam.	% of Result	Passed in First Class	Passed in Second Class	Passed in third Class	Distinction	Univ. Rank	% of Univ. Result
1	2	3	5	6	7	8	9	10	11	12
1	B.Sc. I Sem I	388	145	37.37	60	70	00	15		
2	B.Sc.IISem III	313	130	41.53	87	32	00	11		
3	B.Sc.IIISemV	311	161	51.77	114	18	00	29		41.59
4	B.C.A.I	135	42	31.11	26	13	00	03		20.19
5	B.C.A.III	114	47	41.23	11	36	00	00		22.02
6	B.C.A.V	112	62	53.36	38	23	00	01		54.98
7	B.Tech.ISem I	95	40	42.11	31	02	00	07		29.18
8	B.Tech.IISem III	78	60	76.42	43	01	00	16		64.88
9	B.Tech.IIISem V	67	59	88.05	51	00	00	08		85.93
10	B.Tech.IVSem VII	77	73	94.81	53	01	00	19		93.94
11	B.A. I sem-I	121	28	23.14	16	11	00	01		
12	B.A. II sem-III	94	52	53.31	25	26	00	01		
13	B.A. III sem-V	71	41	57.74	28	11	00	02		
14	B.Com. I Sem-I	126	89	70.63	50	24	00	15		42.52
15	B.Com. II Sem-III	113	84	74.33	41	20	00	23		53.51
16	B.Com. III Sem-V	123	95	77.24	83	08	00	04		53.51
17	B.Com. I (A and F) Sem-I	117	54	46.15	39	14	00	01		46.15
18	B.Com. II (A and F) Sem-III	60	42	70	35	02	00	05		70.00
19	B.B.A. I Sem-I	138	79	57.25	51	26	00	02		33.21
20	B.B.A. II Sem-III	99	53	53.53	23	23	00	00		40.43
21	B.B.A. III Sem-V	79	62	78.48	24	38	00	00		61.39
	Total	**2831**	**1498**	**58.07**	**929**	**399**	**00**	**163**		

Under-Graduate Courses 2019-2020

Winter 2019

S.N.	Class	Appeared for Exam.	Passed in Exam.	% of Result	Passed in First Class	Passed in Second Class	Passed in third Class	Distinction	University Rank	% of Univ. Result
1	2	3	4	5	6	7	8	9	10	11
1	M.B.A.semI	62	08	13.11	08	00	00	00		25.97
2	M.B.A.III	45	28	62.22	28	00	00	00		57.96
3	M.C.M.I	25	08	32.00	07	01	00	00		35.44
4	M.C.M.III	21	10	47.62	07	03	00	00		47.62
5	M.H.R.D.I	20	08	40.00	05	03	00	00		41.46
6	M.H.R.D. III	13	10	76.92	07	03	00	00		67.86
7	M.SC. PHY I	33	08	24.24	07	00	00	01		24.24
8	M.SC. PHY II	31	12	38.70	12	00	00	00		38.70
9	M.SC. Chem. I Sem I	35	18	51.42	17	00	00	1		30.99
10	M.SC. Chem.II Sem III	33	13	37.14	13	00	00	00		42.36
11	M.SC. Bot. I	36	11	32.72	08	03	00	00		41.82
12	M.SC. Bot. III	32	27	84.38	24	03	00	00		75.12
13	M.SC. Zoo. I	36	24	66.67	19	01	00	04		44.07
14	M.SC. Zoo. III	32	26	81.25	25	01	00	00		53.04
15	M.C.A.I	32	6	18.75	5	1	0	0		34.48
16	M.C.A.III	63	35	55.56	28	7	0	0		55.14
17	M.C.A.V	61	57	93.44	52	5	0	0		90.24
18	M.Tech.I SEM-I	23	19	82.61	12	00	00	07		27.59
19	M.Tech.II SEM-III	22	22	100	00	00	00	22		95.74
20	M.Sc. Comp. SEM-I	34	23	61.76	17	00	00	06		40.00
21	M.Sc. Comp. SEM-III	23	09	34.78	08	00	00	01		3.41
22	M.Sc. Math SEM-I	69	23	33.33	08	16	00	00		21.28
23	M.Sc. Math SEM-III	50	19	38.00	02	12	05	00		36.37
24	M.A.I Sem.I	20	01	5.00	00	01	00	00		10.26
25	M.A.II Sem.III	06	02	33.33	00	02	00	00		29.13
26	M.Com.ISem-III	54	16	29.63	12	04	00	00		19.03
27	M.Com.IISem III	21	10	47.67	08	02	00	00		41.69
	Total	**932**	**453**	**48.97**	**339**	**68**	05	**42**		

The table shows the result is good as compared to the University Result. Maximum students passed in First Class. Many of them acquired distinction in the examination.