
	<p align="center">Pune District Education Association's Anantrao Pawar College, Pirangut Tal. - Mulshi, Dist. - Pune, Pune - 412 115.</p>	
Academic Year	2021-22	Date: 06/10/2021

Notice

All the teaching staff members are hereby informed that, college is organizing one week faculty development programme on **“CO-PO Designing, Mapping And Attainment Method”** from 11th – 16th October 2021. Various experienced resource persons will guide in this FDP. So it is mandatory to all the staff members to attend this FDP. All concerned should note it.


Prof. S.D. Shinde
 IQAC Coordinator




Dr. S.R. Chaudhari
 Principal
 Principal
 Anantrao Pawar College, Pirangut
 Tal. Mulshi, Dist. Pune - 412115.

About FDP


Learning outcomes-based approach is powerful education strategy that should be used as a focus for curriculum planning, as a means of making informed discussions about the approaches to teaching and learning be adopted, and as a basis for the assessment of students/trainees and of the education programme itself. The learning outcomes provide What students are expected to learn and be able to do by the time they graduate from a given program. This FDP will help the teachers to develop skilled and knowledgeable students. So Anantrao Pawar College, Pirangut organised One Week FDP on "CO, PO Designing, Mapping & Attainment Methods" for all faculty members of college.

The schedule of the "CO, PO Designing, Mapping & Attainment Methods"

DATE	Resource Person (12:30 pm to 02.30 pm)	Topic Name
11/10/2021	Dr. Deepak Nanaware	Introduction to LOCF
12/10/2021	Dr. Deepak Nanaware	Bloom's taxonomy
13/10/2021	Prof. Bharat Kangude	CO, PO, PSO designing
14/10/2021	Dr. Popat Tambde	CO, PO Mapping & attainment
16/10/2021	Dr. Rekha Joshi	Hands on Training

Prof. S.D. Shinde
Coordinator




Principal
Anantrao Pawar College, Pirangut
Mulshi, Dist. Pune - 412 115.
Principal

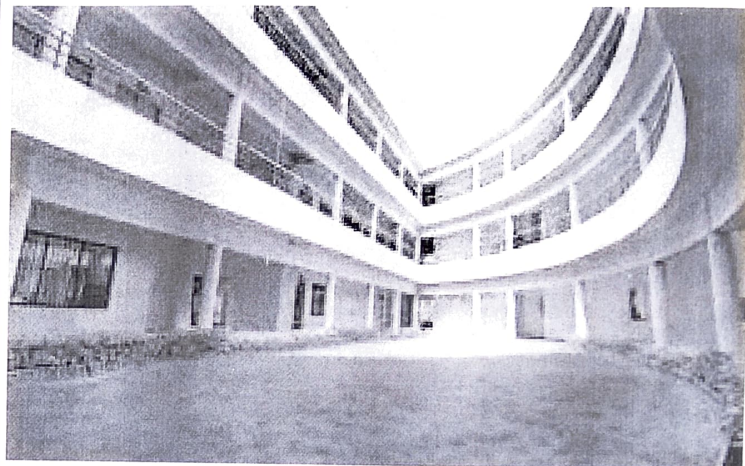


Pune District Education Association's

Anantrao Pawar College, Pirangut

Taluka- Mulshi, District- Pune - 412115

Accredited by NAAC With 'A' Grade (CGPA-3.03)




**One Week Faculty Development Programme on
"CO, PO Designing, Mapping & Attainment
Methods"**

on

11th – 16th October 2021

Organized By

**IQAC, Anantrao Pawar College,
Pirangut, Pune - 412 115.**

	Pune District Education Association's Anantrao Pawar College, Pirangut Tal. - Mulshi, Dist. - Pune, Pune - 412 115.	
	Academic Year	2021-22
		Date: 16/10/2021

Report On One Week FDP on "CO, PO Designing, Mapping & Attainment Methods"

The College's Internal Quality Assurance Cell (IQAC) held One Week FDP on CO, PO Designing, Mapping & Attainment Methods From 11th – 16th October 2021. The central idea behind the learning outcomes-based approach is that degrees from institutions of higher learning, such as universities, should be granted only after students have proven that they have acquired the specific set of skills and knowledge that the degree requires. What students are expected to learn and be able to do by the time they graduate from a given program is known as the learning outcomes. The schedule of the soft skill development programme was as follows,

DATE	Resource Person (12:30 pm to 02.00 pm)	Topic Name
11/10/2021	Dr. Deepak Nanaware	Introduction to LOCF
12/10/2021	Dr. Deepak Nanaware	Bloom's taxonomy
13/10/2021	Prof. Bharat Kangude	CO, PO, PSO designing
14/10/2021	Dr. Smita Lokare	CO, PO Mapping & attainment
16/10/2021	Prof. Bharat Kangude	Hands on training

The workshop was attended by 37 faculty members of college. The workshop was graced by resource person Dr. Deepak Nanaware. The workshop began by lightening the lamp and praying to goddess Ma Saraswati by Principal Dr. S. R. Chaudhari and chief guest. The guest for the day was being welcomed by presentation of saplings and shawls. The welcome address was



presented by Prof. Minalichavan where she introduced the concept behind CO, PO Designing, Mapping & Attainment. Then the chief guest of the programme Dr. Deepak Nanware in his speech expressed need of this FDP for faculty members so that it will help the teachers to develop skilled and knowledgeable students. Prof. V. M. Salve expressed vote of thanks to the inaugural function.

Day 1 (11/10/2021)

The workshop on CO- PO attainment measurement started by Dr. Deepak Nanware with a quick overview of Objective Based Education (OBE) and LOCF - Learning Outcome Based Curriculum Framework. He expressed the need to design a curriculum that would help students learn subjects of their interests while mapping their progress at every step. Speaker focused on higher education which includes World class research with high quality teaching with special focus on research. He discussed the need of having both a long-term goal (the vision) and a short-term mission (the mission) in order to keep you focused on the journey towards your goal. Moreover, the vision is the ultimate goal, and the mission is the plan to get there. Program Educational Outcomes (PEOs) should flow naturally from the organization's central purpose. He explained briefly on how to set LOCF for each subject as per UGC guidelines. This helped all the faculty members to set LOCF.

Day 2 (12/10/2021)

On second day, Dr. Deepak Nanaware led the session and told that Bloom's taxonomy was developed to provide a common language for teachers to discuss and exchange learning and assessment methods. Specific learning outcomes can be derived from the taxonomy, though it is most commonly used to assess learning on a variety of cognitive levels. He concluded the session by classification system used to define and distinguish different levels of human cognition—i.e., thinking, learning, and understanding.

Day-3 (13/10/2021)

Prof. Bharat Kangude led the session and told that there are four levels of outcome such as Course Outcome (CO), Program Outcome (PO), Program Specific Outcome (PSO) and Program Educational Objective (PEO). Course Outcomes are the statements that declare what students



should be able to do at the end of a course. He got CO, PO, PSO designing done by the teacher of all subjects. He added that Mapping helps a programme to focus on individuals, changes, strategies, and results.

Day-4(14/10/2021)

Dr. Smita Lokare conducted this session on CO, PO Mapping & attainment. She expressed that to create a link between the Course Outcomes (Cos) and program outcomes (POs), for each lesson and assessment CO, PO Mapping are important. She has explained how to carry mapping of CO PO of various subjects. She helped the faculty members for indirect attainment from student exit surveys, employer surveys, co-curricular activities, extracurricular activities and mapped to POs. She explained that questionnaire was designed for CO PO mapping purpose and the average response of the outgoing students for each PO is computed.

Day-5 (16/10/2021)

In fifth day, Prof. Bharat Kangude arranged Hands on Training for all the participants for CO, PO Designing, and Mapping& Attainment Methods. All the faculty members are enthusiastically involved in this activity. It taken 4-5 hours to each for CO, PO Designing, Mapping& Attainment for one course.

Dr. Tanaji Kashid reviewed the five-day FDP programme in the closing ceremony and thanked the resource persons and faculty members for successful organization of this FDP.



Prof. S. D. Shinde

Coordinator



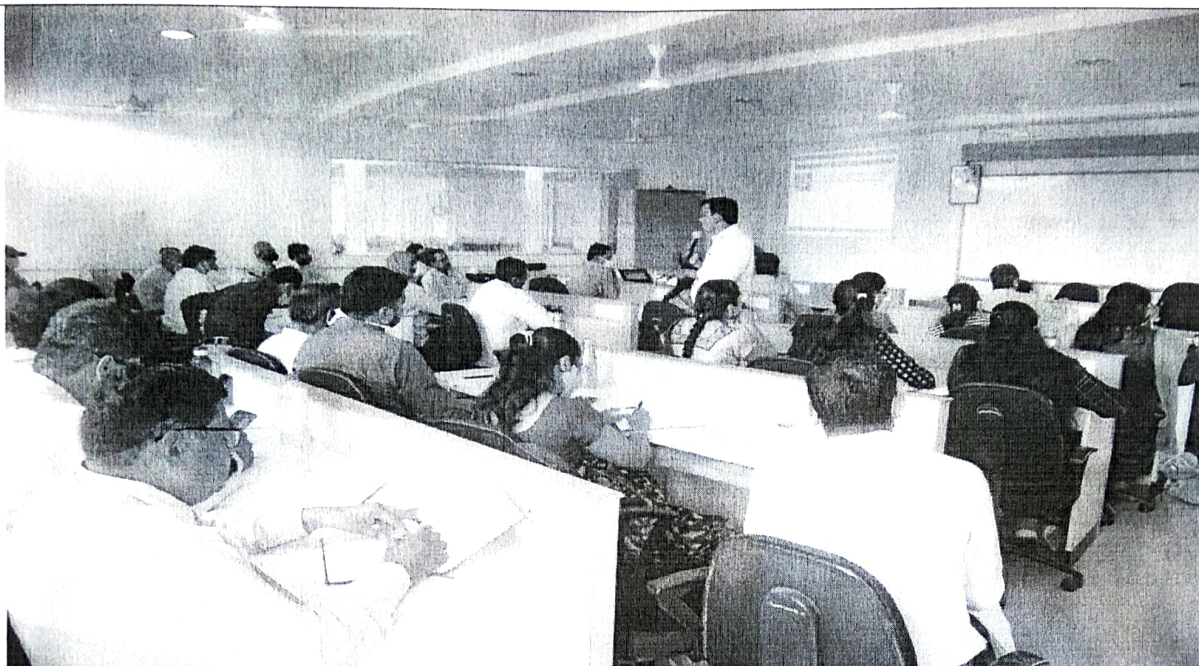
Dr. S.R. Chaudhari



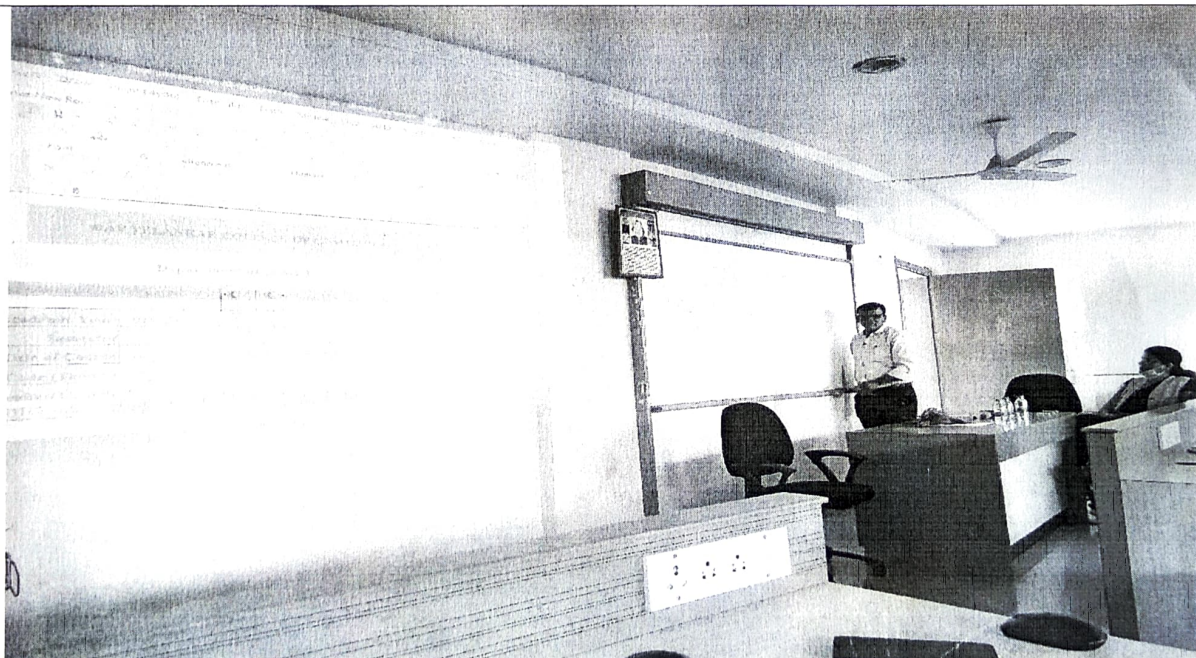
Principal

Anant Rao Pawar College, Pirangut
Dist. Mulshi, Dist. Pune - 412115.

**Few Glimpses of FDP on “CO, PO Designing, Mapping & Attainment
Methods**

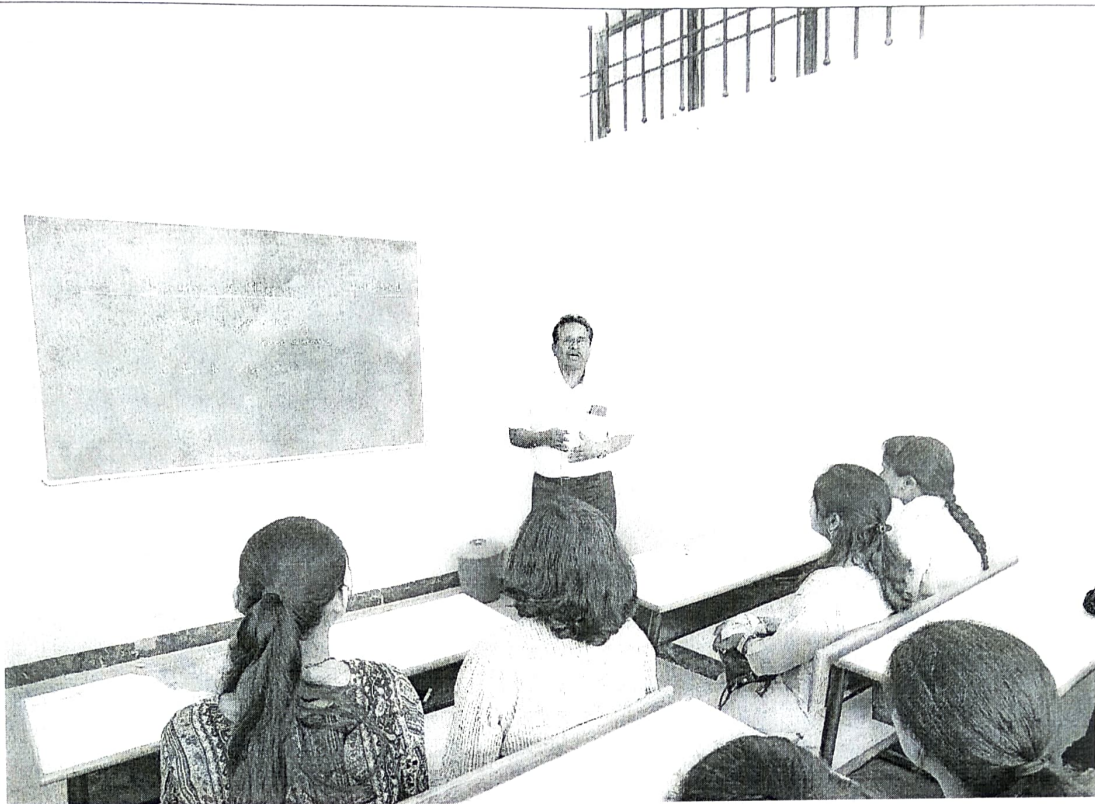


Dr. Deepak Nanaware delivering lecture on “Introduction to LOCF” dated 11/10/2021



Dr. Deepak Nanaware explaining Bloom's taxonomy dated 12/10/2021



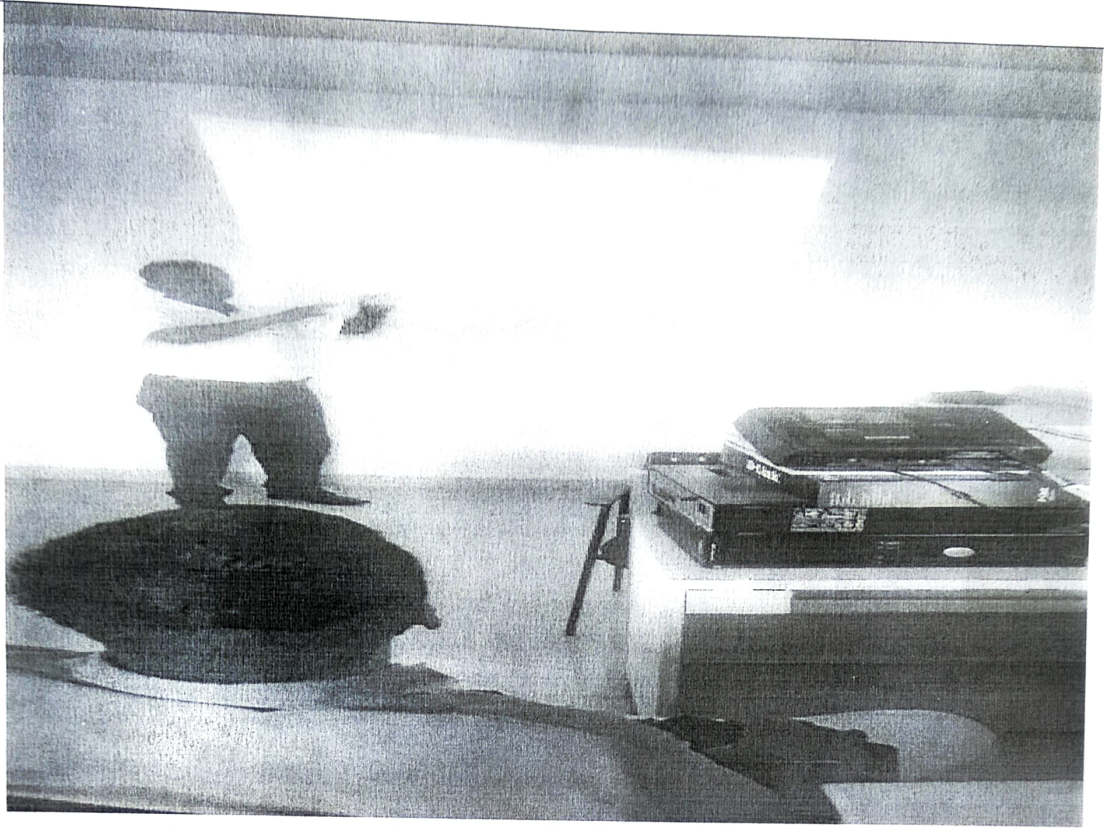


Prof. Bharat Kangude delivering the lecture on CO-PO designing dated 13/10/2021



Dr. Smita Lokare conducting CO-PO Mapping and attainment for participants dated
14/10/2021





Prof. Bharat Kangude conducting hands on training dated 16/10/2021


Prof. S. D. Shinde

Coordinator




Dr. S.R. Chaudhari

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Pune District Education Association's
ANANTRAO PAWAR COLLEGE, PIRANGUT
(Arts, Science & Commerce)
TALUKA-MULSHI, DIST- PUNE 412115

IQAC COMMITTEE
ACADEMIC YEAR: 2021-22

Teacher Attendance List

Title of the Activity	One Week Faculty Development Programme on "CO, PO Designing, Mapping & Attainment Methods"
Chief guest/ Resource Person	Dr. Deepak Nanaware.
Day & Date	11/10/2021
Time	12-30 - 2-30 PM.
Venue	Topic - Introduction to LQCF

Sr. No.	Name of the Teacher	Department	Sign
1)	Prof. D.A. Sonwane	Chemistry.	
2)	Prof. N.L. Bhandari	Chemistry.	
3)	Prof. M.A. Chavan	Botany.	
4)	Prof. S.S. More	Mathematics	
5)	Dr. S.N. Bhalerao	Zoology.	
6)	Prof. B.V. Kangude	Physics	
7)	Prof. A.E. Humbarne	Physical Edn	
8)	Prof. A.V. Mane.	Botany.	
9)	Dr. P.B. Cholkhe	English.	
10)	Prof. V.R. Kule	History.	
11)	Dr. R.V. Dhene	Botany.	
12)	Prof. S.D. Shinde	Commerce	
13)	Dr. M.R. Avaghadre	English	
14)	Dr. A.P. Mahajan	Computer Sci	
15)	Dr. S.R. Chaudhari		
16)	Prof. Hemant Ubale.		

Sr. No.	Name of the Teacher	Department	Sign
17)	Prof. Madhuri Marne	Comp. Science.	
18)	Prof. Snehal Tapki V.	Comp Science	
19)	Prof. P. A. Padale.	chemistry	
20)	Prof. A. S. Mathawale	chemistry.	
21)	Prof. S. B. Dhotre.	chemistry	
22)	Prof. S. G. Udhan.	Udhan Politics	
23)	Prof. D. N. Khairne	Chemistry.	
24)	Prof. Ashwini Jadhav	Marathi	
25)	Prof. V. R. Kothawale	Electronics.	
26)	Prof. B. B. Nautane.	Marathi.	
27)	Prof. M. B. Patole	Commerce.	
28)	Dr. A. N. Sasane	Economics	
29)	Dr. A. V. Patil	commerce	
30)	Prof. V. M. Salve	Chemistry.	
31)	Dr. R. R. Joshi.	Chemistry.	
32)	Dr. S. A. Lokare.	physics	
33)	Dr. M. M. Kamble	physics	
34)	Prof. V. S. Nandanwar	Economics	
35)	Prof. T. M. Kashid	zoology.	
36)	Dr. S. H. Deshmukh	politics	
37)	Prof. Ashwini Jadhav		
38)	Prof. V. K. Karwande.	English	
39)	Dr. P. B. Chokre	Botany	
40)	Dr. Khandagale S. K	Hindi	
 Coordinator		 Principal	

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IQAC COMMITTEE
ACADEMIC YEAR: 2021-22

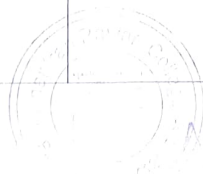
Teacher Attendance List

Title of the Activity	One Week Faculty Development Programme on " CO, PO Designing, Mapping & Attainment Methods "
Chief guest/ Resource Person	Dr. Deepak Nanaware
Day & Date	12/10/2021
Time	12.30 - 2.00 PM
Venue	Topic - Bloom's Taxonomy

Sr. No.	Name of the Teacher	Department	Sign
1	Prof. Shinde S.D.	Botany	
2	Prof. Sonwane D.A.	Chemistry	
3	Humbale A.S.	Maths	
4	Dr. Joshi R.R.	Chemistry	
5	Prof. N.L. Bhandari	Chemistry	
6	Dr. V.S. Nandanwar	Economics	
7	A.V. Paul	Commerce	
8	Dr. Saisane A.M.	Economics	
9	A.V. More	Phy. Edn	
10	Dr. S.N. Bhalerao	Maths	
11	Prof. Taplitz S.P.	Comp Sci	
12	More S.S.	Maths	
13	Dhore R.V.	History	
14	Mazire M.S.	Comp sci.	
15	Udale H.S.	Comp. Sci	
16	Kale V.R.	English	



Sr. No.	Name of the Teacher	Department	Sign
17	Kashid T.M	Zoology	Kashid
18	Dhobre - S.B	Chemistry	Shete
19	Navture S.B.	Marathi	Navture
20	Jadhav Ashwini	Marathi	Jadhav
21	Kangude B.V.	Physics	Kangude
22	Ms. M.A. Chavhan	Botany	Chavhan
23	Lokare smita	Physics	Lokare
24	Mr. V.M. Salve	Chem	Salve
25	Dr. m. m. Kumbhar	Physics	Kumbhar
26	Dr. P.B. Chalkar	Botany	Chalkar
27	Dr. S.H. Deshmukh	Politics	Deshmukh
28	Dr. Khandaogake Sita	Hindi	Khandaogake
29	Dr. Avaghadre Raghendra	Commerce	Avaghadre
30	Karwande V.K.	English	Karwande
31	Patil M.B	Comm	Patil
32	Kethavale V.R	Electronics	Kethavale
33	Prof. A.S. Mathawale	Chemistry	Mathawale
34	Prof. D.N. Khayre	Chemistry	Khayre
35	Prof. S.C. Udhan	Politics	Udhan
36	Dr. A.P. Mahajan	English	Mahajan
37	Prof. S.A. Padole	Chemistry	Padole
Coordinator		Principal	Principal



Anant Rao Pawar College, Pirangut
Mulshi, Dist. Pune - 412102.



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(Arts, Science & Commerce)
TALUKA-MULSHI, DIST- PUNE 412115

IQAC COMMITTEE
ACADEMIC YEAR: 2021-22

Teacher Attendance List

Title of the Activity	One Week Faculty Development Programme on "CO, PO Designing, Mapping & Attainment Methods."
Chief guest/ Resource Person	Prof. Bhasat Kargude.
Day & Date	13/10/2021.
Time	12-30 PM - 2-00 PM
Venue	Topic - CO, PO Designing

Sr. No.	Name of the Teacher	Department	Sign
1	Prof. N. L. Bhandari	Chemistry	
2	Shinde S. D.	Botany	
3	Humbur A. E.	Lib	
4	A. V. Patil	Comme	
5	Prof. Sonwane D. A.		
6	Dr. P. V. Bhalekar	Zoology	
7	Dhore R. V.	History	
8	Prof. Tapkie S. B.	Comp Sci	
9	Nature S. B.	Fulli mastli	
10	Dr. Sasane R. H.	Economics	
11	Dr. Nandanwar V.	Economics	
12	Ar. V. More	Phy. & Edn	
13	Dr. Joshi R. R.	Chemistry	
14	More S. S.	Maths	
15	Madire M. S.	Comp. Science	
16	Udale N. B.	Comp. Sci	

Sr. No.	Name of the Teacher	Department	Sign
15	Kangude B.U.	physics.	
16	Kashid T.M.	Zoology	
17	Dhore S.B.	chemistry.	
18	Ms. M.A. Chavan.	Botany	
19	Kale V.R.	English	
20	Jadhav Ashwini	Marathi	
21	Lotare smita	physics	
22	Mr. V.M. Salve	Chemistry	
23	Dr. M. M. Kamat	Physics	
24	Pr. B.B. Chalbe	Botany	
25	Dr. S.H. Deshmukh	politics	
26	Dr. Khamdage S.K.	& Hindi	
27	Dr. Avaghadre M.R.	Commerce	
28	Kawande V.K.	English	
29	Patil M.B.	Commerce	
30	Kethavale V.L.	Electronics	
31	Prof. A.S. Mathurale	Chemistry	
32	Prof. D.N. Khairre	Chemistry	
33	Prof. S.V. Vidhan	politics	
36	Dr. A.P. Mahajan.	English	
37	Prof. S.A. Padore	Chemistry	
 Coordinator		 Principal	

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IQAC COMMITTEE
 ACADEMIC YEAR: 2021-22

Teacher Attendance List

Title of the Activity	One Week Faculty Development Programme on "CO, PO Designing, Mapping & Attainment Methods"
Chief guest/ Resource Person	Dr. Smita Lokare
Day & Date	14/10/2021
Time	12-30 - 2.00 PM
Venue	Topic - CO, PO Mapping & Attainment

Sr. No.	Name of the Teacher	Department	Sign
1	Prof. Shinde S.D.	Botany	
2	Dr. V. Man	Phy. Edn	
3	Dr. S.N. Bhalekar	Zoology	
4	Dr. R.V. Dhore	History	
5	Kale V.R.	English	
6	Prof. Tapkir S.P.	Comp Sci	
7	Prof. Sonwane D.A.	Chemistry	
8	A.V. Patil	Commerce	
9	N.L. Bhandari	Chemistry	
10	Nature S.B.	Marathi	
11	Dr. Sasane A.M	Economics	
12	Dr. Joshi R.R	Chemistry	
13	Huybani A.E	Lib	
14	Mare SS.	Maths	
15	Dr. Nandanwar V.S.	Economics	
16	Mare M.S.	Comp. Science	

Udale N.S.

Comp. sci



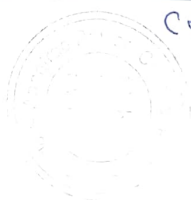
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

IQAC COMMITTEE
ACADEMIC YEAR: 2021-22

Teacher Attendance List

Title of the Activity	One Week Faculty Development Programme on "CO, PO Designing, Mapping & Attainment Methods"
Chief guest/ Resource Person	Prof. Bharat Kengude.
Day & Date	16/10/2021.
Time	12-30 - 2.00 PM
Venue	Topic - Hands on Training.

Sr. No.	Name of the Teacher	Department	Sign
1	Shinde S.D.	Botany	
2	A.V. Patil	Commerce	
3	R.V. Dhore	History	
4	B.U. Kengude	Physics	
5	Prof. Sonwane D.A.	Chemistry	
6	N.L. Bhandari	Chemistry	
7	Dr. Sasane A.M.	Economics	
8	Humbam A.E.	Lib	
9	Prof. Tukkar S.P.	Comp Sci	
10	Dr. S.V. Bhalu	Zoology	
11	A.V. More	Phy. & En	
12	Kale V.R.	English	
13	More S.S.	Maths	
14	Kashid T.M.	Zoology	
15	Dr. V.S. Hamdantaw	Economics	
16	Madire M.S.	Comp. Science	
17	Udale N. &	Comp. Sci	



Sr. No.	Name of the Teacher	Department	Sign
18	Ms. M.A. Chavan.	Botany	mmg.
19	Dr. Joshi R. R	Chemistry	P. Joshi
20	Prof. S. B. Dhobe.	Chemistry	Z. Dhobe
21	Lokar smita	physics	Lokar
22	Nature S.B.	Marathi	Nature
23	Prof. Jadhav Ashwini	Marathi	Jadhav
24	Mr. V.M. Salve	Chemistry	Salve
25	Dr. m.m. Kambale	physics	Kambale
26	Dr. P.B. Chalke	Botany	Chalke
27	Dr. S.H. Deshmukh	Politics	Deshmukh
28	Dr. Khandagote S.K	Hindi	Khandagote
29	Dr. Arceghade M.R	Commerce	Arceghade
30	Karwande V.K	English	Karwande
31	M.B. Patil	Comm	Patil
32	Vidyaashree Fethavale	Electronics.	Vidyaashree
33	Prof. A.S. Mathawale	Chemistry	Mathawale
34	Prof. D.N. Khare	Chemistry	Khare
35	Prof. S.L. Udham	Politics	Udham
36	Dr. A.P. Mahajan	English	Mahajan
37	Prof. S.A. Padole	Chemistry	Padole
 Coordinator		 Principal	

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