

Established in: 1984



Shri Datta Prasadik Shikshan Prasarak Mandal's,

**Late Rajkamalji Bharti Arts, Commerce and Smt. Sushilabai R.
Bharti Science College Arni, Dist-Yavatmal.**

*Affiliated to Sant Gadge Baba Amravati University, Amravati
NAAC Accredited (First Cycle)*

Dr. Kirantai S. Bharti
President

Adv. Siddharth S. Bharti
Secretary

Dr. N. A. Pistulkar
Principal

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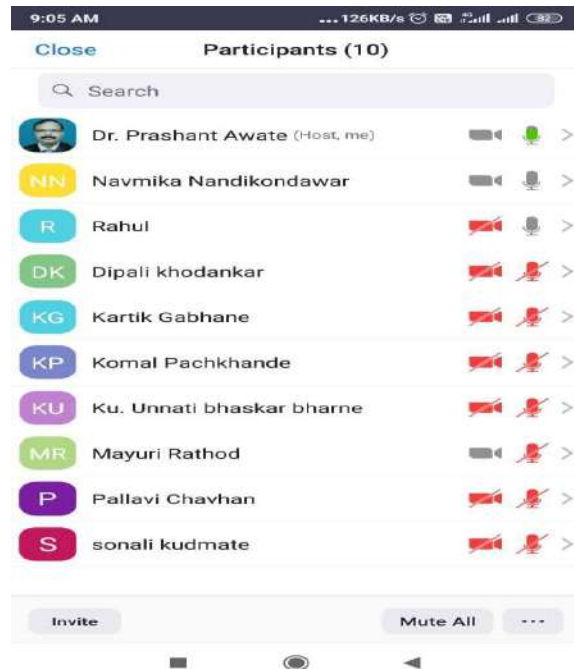
Criterion 2 – Teaching-Learning and Evaluation

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Zoom Meet

Dr. P.J. Awate

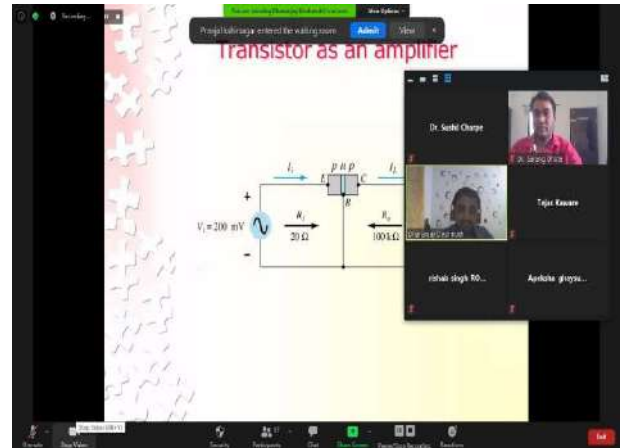


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Smt. S.R. Bharti Sci. College
Arni, Dist. Yavatmal

Dr. D.P. Deshmukh

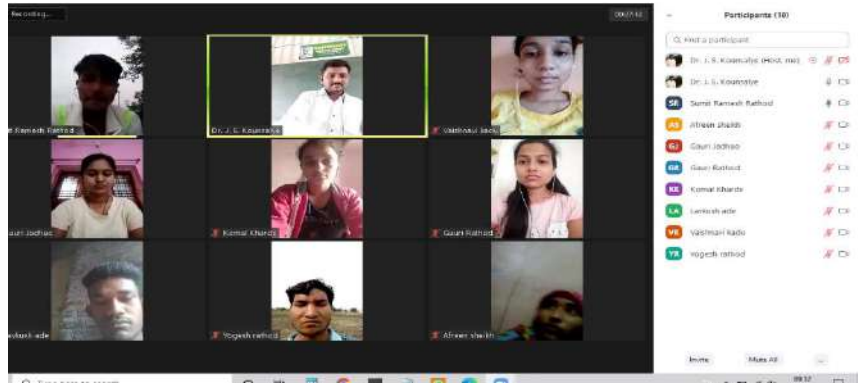
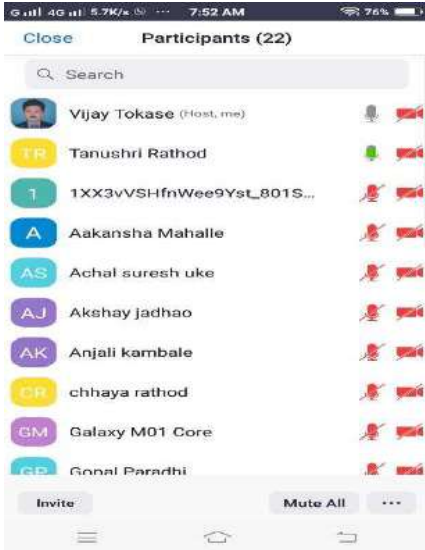


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Aarni, Dist. Yavatmal

DR. J.S, Kounsalye

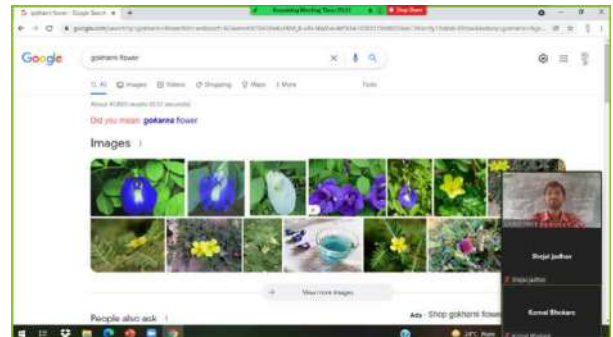
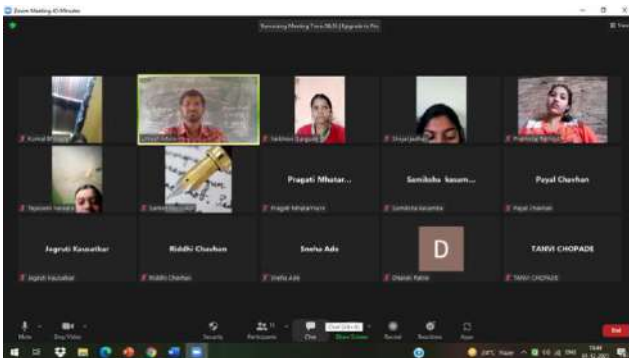
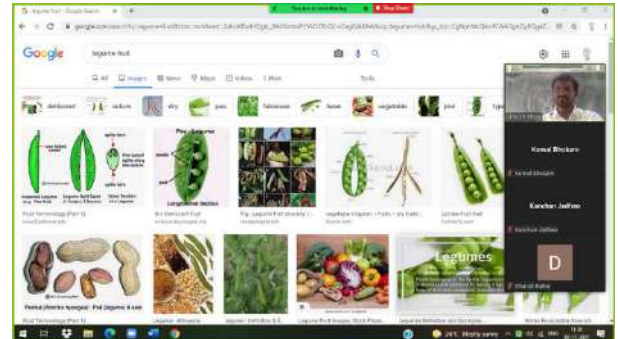
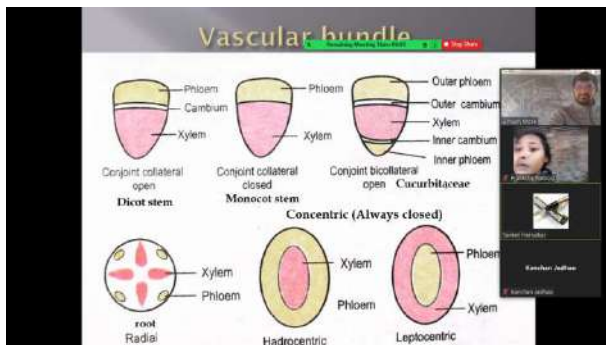


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Dr. U.A. More



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FIELD COLLECTION AND SAMPLING

STUDY TOUR REPORT



“ARUNAVATI RIVER”



DEPARTMENT OF ZOOLOGY

Late Rajkamalji Bharti Arts, Commerce, and
Smt. Sushilabai R. Bharti Science College, Arni
(2022-2023)

FIELD COLLECTION AND SAMPLING

STUDY TOUR REPORT

FIELD COLLECTION AND SAMPLING STUDY TOUR REPORT

ARUNAVATI RIVER

(18/03/2023)

In the Second session of year 2022-23 the **Zoology Department** of Late Rajkamalji Bharti Arts, Commerce & Smt. Sushilabai R. Bharti Science College Arni, Dist. Yavatmal, as per the curriculum activity of B.Sc. IInd Year (Sem -IV) practical Syllabus, the Department of Zoology has organized Field collection and sampling study tour at Arunavati river near “Mahadev Mandir”, Arni and behind the completion and success there are lots of people who made this possible with their valuable guidance and constant support.

A Field collection and sampling study tour is a course combined activity designed to introduced students with sampling in river.

Hence, 18 students of BscIInd (Sem-IV) with 2 professors and one Laboratory attendant arrange a study tour. Inclusion of study tour in our academic curriculum plays a crucial role providing an opportunity to students to execute and enhancing their skills knowledge and competencies with self-development and actualization to be professional future with varied knowledge about different organization and listen to eminent personalities of so on sectors and gain as much knowledge of all working fields should be inculcate in the structure of the educational tour as well as to develop group living and team work which will lead them to any success which is necessary for the students throughout the life.

Arunavati river near Mahadev Mandir, Arni located 1.3 kilometers away from Arni, is one of the sampling station for a Field collection and sampling study tour.


Head
Department of Zoology
Late R. Bharti Arts, Com. &
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Arni, Dist. Yavatmal


Principal
Late R. Bharti Arts, Com. &
Smt. S. R. Bharti Sci. College,
Arni, Dist. Yavatmal



Professor while boosting knowledge of students.



Boy Students of BSc IInd collecting Zooplanktons.



Girl Students of BSc IInd collecting Zooplanktons.



Shri Datta Prasadik Shikshan Prasarak Mandal's
LATE R. BHARTI ARTS, COMMERCE AND SMT. S.R. BHARTI SCIENCE COLLEGE,
ARNI, DIST. YAVATMAL

First Unit Test I

(Session 2022-23)

Class: B.Sc I yr (Sem-I)

Subject: Algebra and Trigonometry

Total Marks: 20

Solve any Four. Each question carries 5 marks.

1. Find the eigen value and corresponding eigen vectors of the matrix

$$\begin{bmatrix} 6 & -2 & 2 \\ -2 & 3 & -1 \\ 2 & -1 & 3 \end{bmatrix}$$

2. Define Hermitian matrix. Show that $A = \begin{bmatrix} 3 & 7-4i & -2+5i \\ 7+4i & -2 & 3+i \\ -2-5i & 3-i & 4 \end{bmatrix}$

is hermitian.

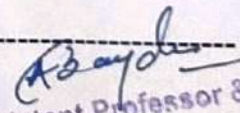
3. Reduce the matrix $A = \begin{bmatrix} 3 & 5 & 7 \\ 2 & 3 & 4 \\ 1 & 2 & 3 \end{bmatrix}$ to the normal form and hence find its rank.

4. If $P = \begin{bmatrix} 3 & 2 \\ 7 & 5 \end{bmatrix}$ and $Q = \begin{bmatrix} 6 & 7 \\ 8 & 9 \end{bmatrix}$ Verify $(PQ)^{-1} = (Q)^{-1}(P)^{-1}$

5. Prove that $A = \frac{1}{7} \begin{bmatrix} 3 & 2 & 6 \\ -6 & 3 & 2 \\ 2 & 6 & -3 \end{bmatrix}$ is an orthogonal matrix of order 3. Hence find A^{-1}

6. Consider the matrix $A = \begin{bmatrix} 1 & 4 \\ 2 & 3 \end{bmatrix}$ find the characteristic equation Verify Cayley – Hamilton theorem.

-----All the Best-----


Assistant Professor & Head
Department of Mathematics
L.R. B. Arts, Commerce &
Smt. S.R. B. Science College
Arni Dist. Yavatmal





प्रती,

मा. संचालक,

विद्यार्थी विकास

संत गाडगे बाबा अमरावती विद्यापीठ

अमरावती

विषय: कलावंतांचे ओळखपत्र सादर करणे बाबत.

महोदय,

उपरोक्त विषयान्वये कळवण्यात येते की, स्व. राजकामलजी भारती कला, वाणिज्य व श्रीमती सु. रा. भारती विज्ञान महाविद्यालय, आर्णी या महाविद्यालयातील खालील नमूद कलावंतांनी युवा मोहोत्सव २०२२ मध्ये प्रत्यक्ष सहभाग घेतला असून परीक्षांद्वारे आवश्यक असलेली मुद्रा अंकित करून सोबतचे नस्ती मध्ये संकलित करून एकत्रितरीत्या आपल्या निर्देशांन्वये नोंदणीचे स्थळी आज रोजी एकुण इतक्या कलावंतांचे ओळखपत्र सादर करण्यात येत आहे. त्यानुसार कृपया खात्री करून पोच देण्यात यावी, ही विनंती.

आपला

(प्रा. मिलिंद मधुकर पांडे)

संघ व्यवस्थापक

स्व. राजकामलजी भारती कला
वाणिज्य व श्रीमती सु. रा. भारती
विज्ञान महाविद्यालय आर्णी
9370778299

1	SANKET GAJANAN HARSULKAR	2	NUJBAAH FATEMA MO NAJUK
3	VAISHNAVI YADAV PILLEWAR	4	PAYAL BABARAO RATHOD
5	TANUSHRI BABARAO RATHOD	6	ROHINI SANTOSH RATHOD
7	ASHWINI BANDU TUWAR	8	PRANALI SANJAY CHAVHAN
9	RUPALI ARVIND RATHOD	10	PAYAL RAJESH RATHOD
11	TINA INDAL ADE	12	MANASVI ROHIDAS RATHOD
13	MADHURI VINOD CHAVHAN	14	DIVYA SNTOSH RATHOD
15	VIDYA BHAGWAN PAWAR	16	AKSHADA ANIL RATHOD
17	ROSHN ULHAS RTHOD	18	SUMIT RMESH RTHOD
संघ व्यवस्थापक		संघ व्यवस्थापिका	
19	प्रा. मिलिंद मधुकर पांडे	20	डॉ. रूपाली प्रभाकरराव टेकडे



15/10/22

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SANTGADGEBABA



MRAVATI UNIVERSITY

College Code	418		
Nme of College	Late Rajkamalji Bharti Arts, Commerce and Smt. Sushilabai R. Bharti Science College, Arni		
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Contact Number	9370778299	Contact Number	8329977652
Email Id	Milindpande2015@gmail.com	Email Id	rtekade.amt@gmail.com

Sr. No.	Name of the Participants (In BLOCK Letter only)	Date of Birth	HSSC PASSING	PRESENT CLASS	MUSIC								DANCE		LITERARY EVENTS			THEATRE			FINEARTS										
					Classical Vocal	Classical Inst. (Per.)	Classical Inst. (Non-Per)	Light Vocal Indian	Western Vocal Solo	Group Song Indian	Group Song Western	Western Instrumental Solo	Folk Orchestra	Folk Dance	Classical Dance	Quiz	Elocution	Debate	One Act Play	Skit	Mime	Mimicry	On the Spot painting	Collage	Poster Making	Clay Modelling	Cartooning	Rangoli	Spot Photography	Installation	Mehandi
1.	SANKET GAJANAN HARSULKAR	16/08/2000	2019	B. Sc. III	x	x	x	x	x	x	x	x	x	x	x	✓	✓	x	x	x	x	x	x	x	x	x	x	x	x	x	x
2.	NUJBAAH FATEMA MO NAJUK	08/08/2004	2022	B. Sc. I	x	x	x	x	x	x	x	x	x	x	x	✓	✓	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3.	VAISHNAVI YADAV PILLEWAR	24/08/2001	2020	B. Com. III	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	✓	x	x	x	x	x
3.	PAYAL BABARAO RATHOD	11/05/2002	2020	B. Sc. III	x	x	x	x	x	x	x	x	x	✓	x	x	x	x	x	x	x	x	x	x	x	x	✓	x	x	x	x
4.	TANUSHRI BABARAO RATHOD	18/11/2003	2021	B. A. II	x	x	x	x	x	x	x	x	x	✓	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5.	ROHINI SANTOSH RATHOD	06/05/2005	2022	B. Sc. I	x	x	x	x	x	x	x	x	x	✓	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6.	ASHWINI BANDU TUWAR	13/03/2001	2020	B. A. III	x	x	x	x	x	x	x	x	x	✓	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7.	PRANALI SANJAY CHAVHAN	05/07/2003	2021	B. A. II	x	x	x	x	x	x	x	x	x	✓	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8.	RUPALI ARVIND RATHOD	02/08/2003	2022	B. A. I	x	x	x	x	x	x	x	x	x	✓	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9.	PAYAL RAJESH RATHOD	14/05/2004	2020	B. A. I	x	x	x	x	x	x	x	x	x	✓	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10.	TINA INDAL ADE	07/03/2004	2022	B. Com. I	x	x	x	x	x	x	x	x	x	✓	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11.	MANASVI ROHIDAS RATHOD	28/05/2004	2022	B. Com. I	x	x	x	x	x	x	x	x	x	✓	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x



PROFORMA-1

[illegible]

The participant is a bona fide student of our college and they fulfil the eligibility and other criteria laid down by AIU. It is understood that any misbehaviour / misconduct by any member of our contingent will be liable for disciplinary action.



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Health and Nutrition Awareness Workshop 2022



Inaugural program



Speech given by Dr RP Tekade

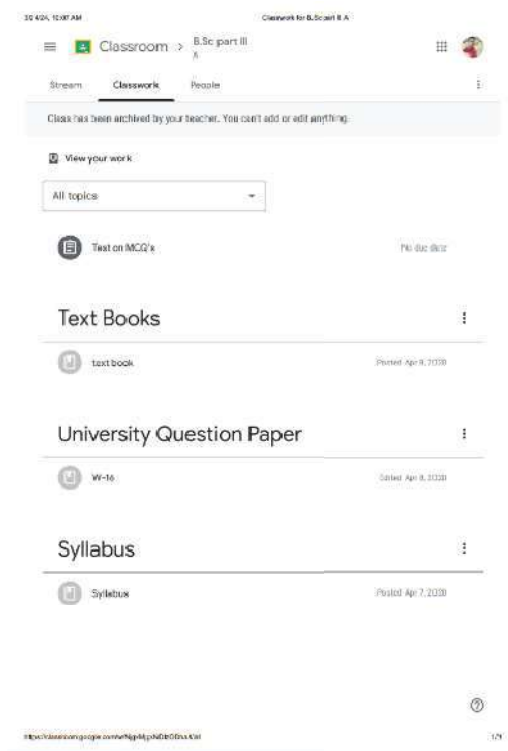


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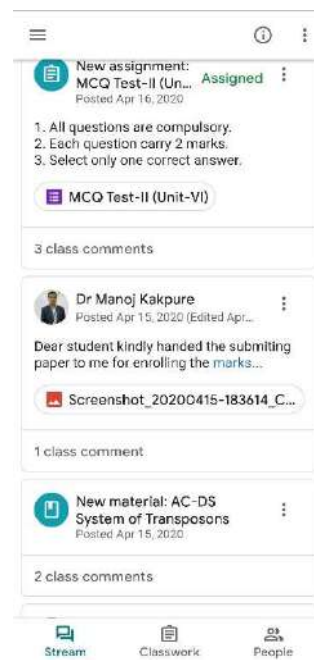
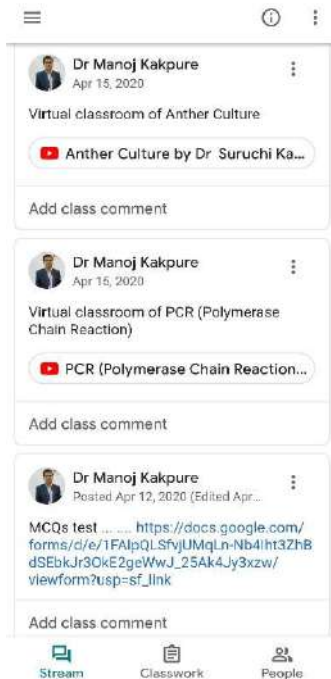
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Prof. A.M. Bagde



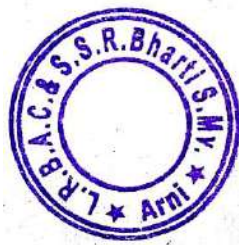
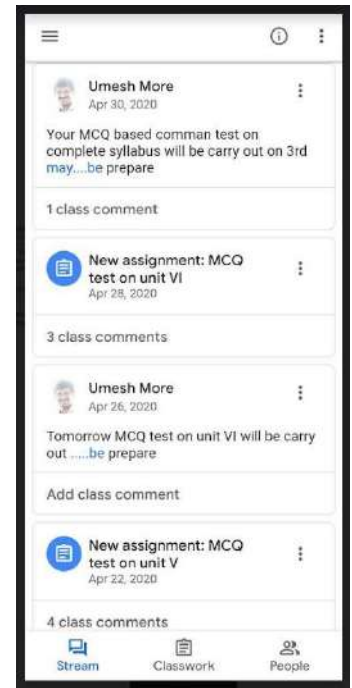
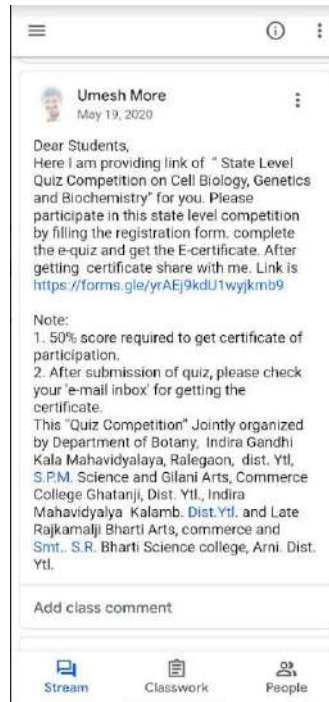

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DR. M.R. Kakpure




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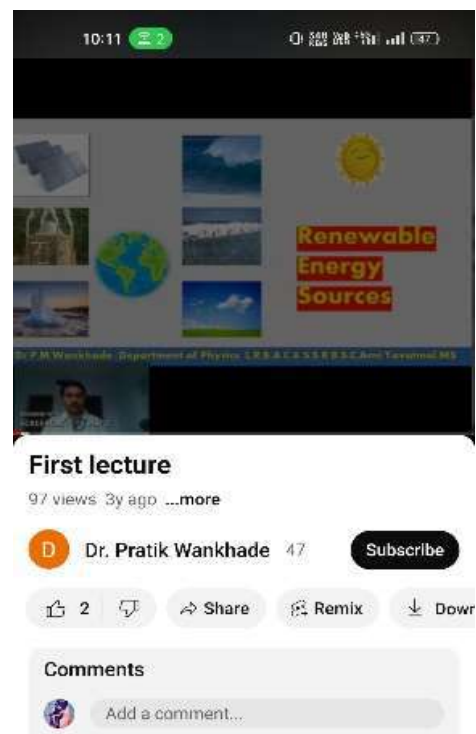
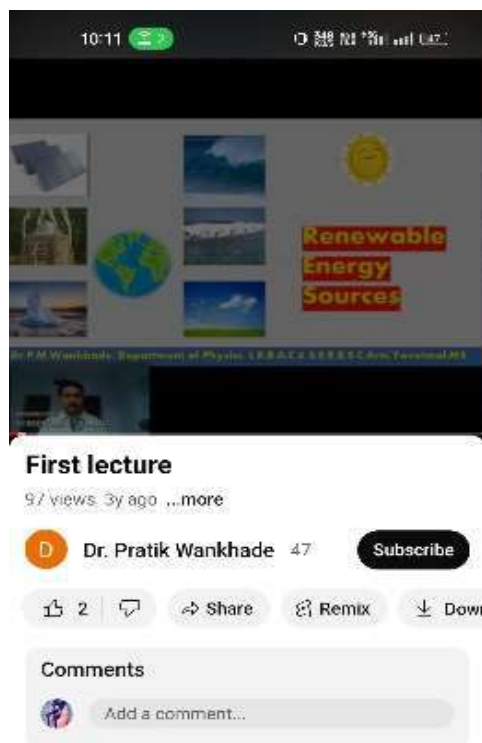
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YOU TUBE

Dr. P.M. Wankhade



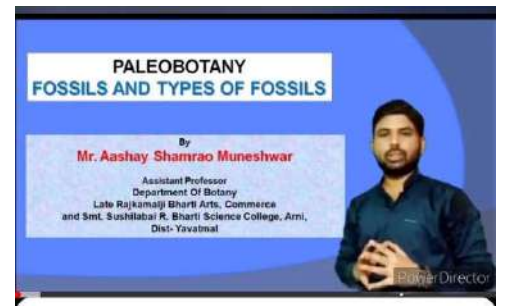
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YOU TUBE

Prof. A.S. Muneshwar



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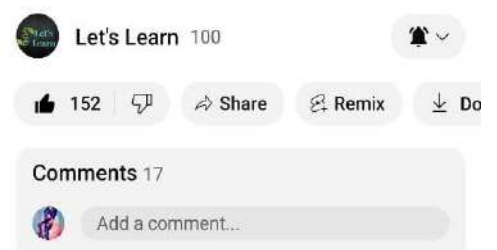
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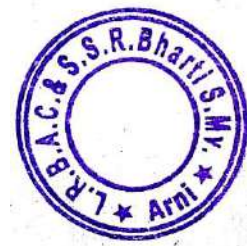
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Dr. M.R. Kakpure




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