

Shellino Education Society's

ARUNAMAI COLLEGE OF PHARMACY

● Gat No 285, Vidgaon Road, Mamurabad, Jalgaon, (MS) 425002

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Nanasaheb R. G. Patil
(President)

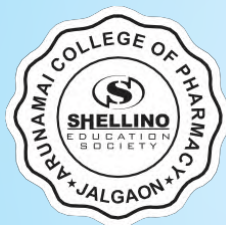
Dr. T. A. Deshmukh
(Principal)

Criteria 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 using ICT tools

Academic Year 2021-22



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(Principal)

Problem solving Learning:

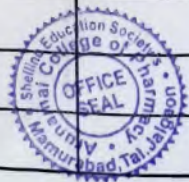
Academic Year 2021-22

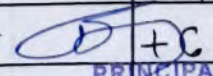
Sr. No	Title
01	Tutorial
02	Under Graduate Projects
03	Webinar on Career opportunities after MBA and Pharmaceutical Management
04	Webinar on How To Crack GPAT exam

INDEX

2021-22

Tutorial No.	Subject	Topic	Date	Pg. No.
1.	HAP-II	a) write in detail about parts of brain. b) Explain reflex action.	22/4/22	1-4
2.	HAP-II	a) write Anatomy and physiology of stomach. b) write Anatomy & physiology of liver	05/05/22	5 to 8
3.	HAP-II	a) discuss about small intestine. b) write mechanism of Respiration. write role of ATP	7/5/22	9-12
4.	HAP-II	a) Describe T.S. of kidney. b) write physiology of urine form.	15/5/22	13 to 17
5.	HAP-II	a) structure and func ⁿ of pituitary gland. b) write anatomy and physiology of thyroid gland.	28/5/22	18 to 22
6.	HAP-II	write Anatomy and physiology of lung. write mechanism of Respiration.	13/5/22	23 to 27
7.	HAP-II	a) Explain transportation of gases. b) Anatomy and physiology of large intestine.	19/5/22	28 to 32
8.	HAP-III	a) write anatomy and physiology of adrenal gland. b) detail about male reproductive system.	4/6/22	33 to 41
9)	HAP-II	a) Physiology of menstruation. b) Explain about spermatogenesis	9/6/22	42 to 47
10)	HAP-II	a) Describe BMI b) Explain genetic pattern of inheritance.	11/6/22	48 to 57
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76/10 = 7.8

1] a) Write in detail about parts of brain

b) Explain reflex action.

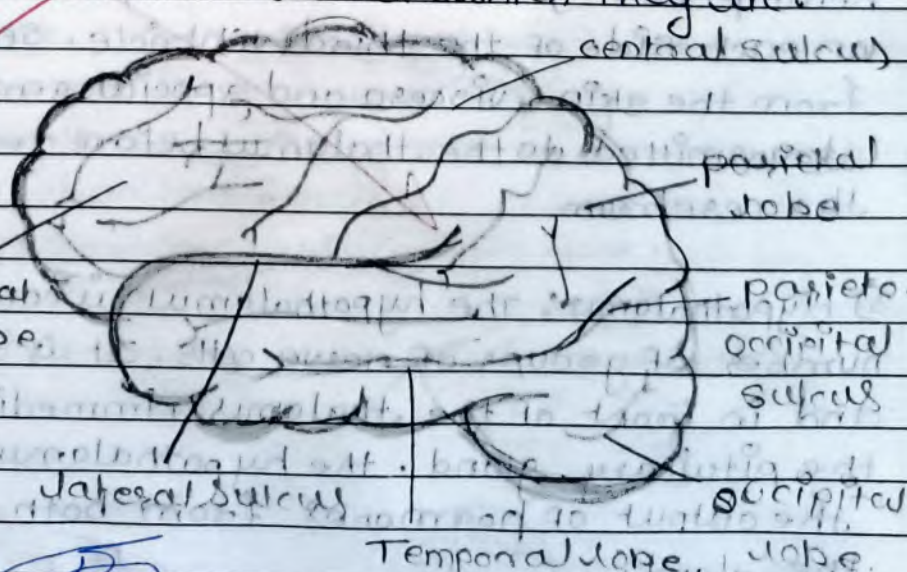
→ The brain constitutes about one-fifth of the body weight and lies within the cranial cavity. The parts are...

- cerebrum
 - midbrain
 - pons
 - Medulla oblongata
 - cerebellum
- } the brain stem.

1] Cerebrum: This is the largest part of the brain and it occupies the anterior and middle cranial fossae. It is divided by a deep cleft, the longitudinal cerebral fissure, into right and left cerebral hemispheres, each containing one of the lateral ventricles. The cerebral cortex shows many infoldings or furrows of varying depth. The exposed areas of the folds are the gyri or convolutions and these are separated by sulci or fissures. These convolutions greatly increase the surface area of the cerebrum.

For descriptive purposes each hemisphere of the cerebrum is divided into lobes which take the names of the bones of the cranium under which they lie.

- frontal
- parietal
- temporal
- occipital.



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The lobes and sulci of the cerebrum

• functions of the cerebrum:

- 1) mental activities involved, in memory, intelligence, sense of responsibility, thinking, reasoning, moral sense of sense and learning are attributed to the higher centres.
- 2) sensory perception, including the perception of pain, temperature, touch, sight, hearing, taste and smell.
- irritation and control of skeletal (voluntary) muscle contraction.

• other areas of the cerebrum.

Deep within the cerebral hemispheres there are these are groups of cell bodies called nuclei (previously called ganglia) which act as relay stations where impulses are passed from one neurone to the next in a chain.

• basal nuclei

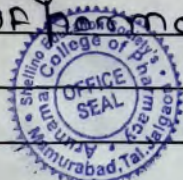
- thalamus

- hypothalamus

1) basal nuclei: These are areas of grey matter, lying deep within the cerebral hemispheres, with connections of the cerebral cortex and thalamus. If control is inadequate or absent, movements are jerky, clumsy and uncoordinated.

2) Thalamus: The thalamus consists of two masses of nerve cells and fibres situated within the cerebral hemispheres just below the corpus callosum, one on each side of the third ventricle. Sensory input from the skin, viscera and special sense organs is transmitted to the thalamus before redistribution to the cerebrum.

3) Hypothalamus: The hypothalamus is composed of a number of groups of nerve cells. It is situated below and in front of the thalamus, immediately above the pituitary gland. The hypothalamus controls the output of hormones from both lobes of the gland.



functions :-

- the autonomic nervous system:
- appetite and satiety
- thirst and water balance
- body temperature
- emotional reactions, e.g. pleasure, fear, rage, sexual behaviours including mating and child rearing, biological clocks, waking cycles, body temp.

Brain stem:

Midbrain: The midbrain is the area of the brain situated around the cerebral aqueduct between the cerebrum above and the pons below. The cell bodies act as relay stations for the ascending and descending nerve fibres.

Pons: The pons is situated in front of the cerebellum below the midbrain and above the medulla oblongata. It consists mainly of nerve fibres which form a bridge between the two hemispheres of the cerebellum and of fibres passing between the higher levels of the brain and the spinal cord.

Medulla oblongata: The medulla oblongata extends from the pons above and is continuous with the spinal cord below. It is about 2.5 cm long and it lies just within the cranium above the foramen magnum. Its anterior and posterior surfaces are marked by central fissures. The vital centres, consisting of groups of cells associated with autonomic reflex activity, lie in its deeper structure.

- cardiac centre
- respiratory centre
- vasomotor centre
- reflex centres of vomiting, coughing, sneezing & swallowing.



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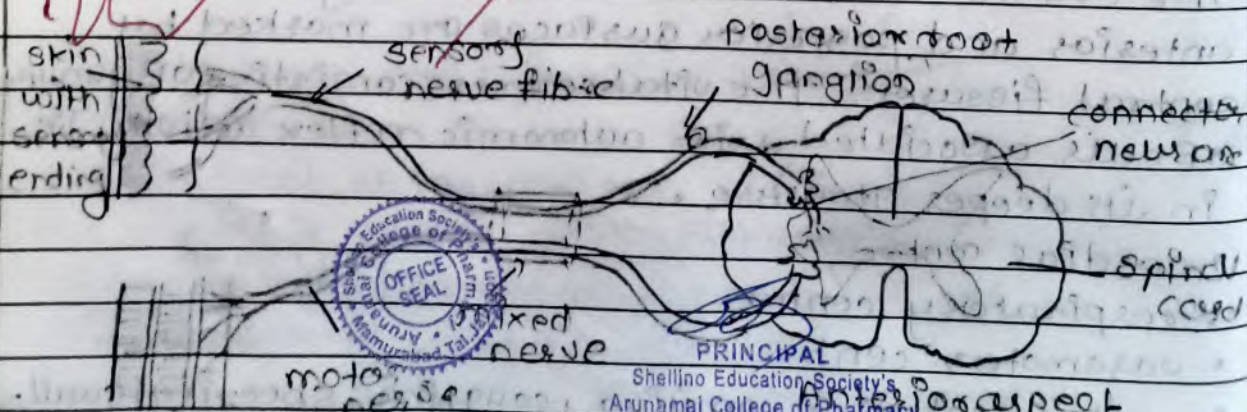
3) cerebellum: The cerebellum is situated behind the pons and immediately below the posterior portion of the cerebrum occupying the posterior cranial fossa. It is oval in shape and has two hemispheres, separated by a narrow median strip called the vermis.

- functions:
- 1) The cerebellum is concerned with the coordination of voluntary muscular movement, posture and balance.
 - 2) cerebellar activities are not under voluntary control.
 - 3) It coordinates activities associated with the maintenance of the balance and equilibrium of the body.
 - 4) The sensory input for these functions is derived from the muscles and joints, the eyes and the ears.

* Reflex action: In the simplest reflex arc there is only one each. A reflex action is an involuntary and immediate motor response to a sensory stimulus. Many connector and motor neurons may be stimulated by afferent impulses from a small area of skin. e.g. the pain impulses initiated by touching a very hot surface with the finger are transmitted to the spinal cord by sensory fibres in mixed nerves.

Stretch reflexes: The cell body of the lower motor neuron is stimulated directly by the sensory neuron (knee jerk).

Autonomic reflexes: the pupillary light reflex when the pupil immediately constricts, in response to bright light.



Simple reflex arc



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List of Students Undertaking Project Work in 2021-22

Sr. No.	Name of Students	Title of Project	Name of Guide
1.	BADGUJAR RUSHIKESH PRAKASH	Orodispersible Tablet : A Review	Mr. Tushar D. Fegade
2.	BHANGALE KOMAL VILAS		
3.	BHANGALE SUYOG GHNASHYAM		
4.	BORSE BHUSHAN SURESH		
5.	CHAUDHARI LALIT GOPAL		
6.	CHAUDHARI PAVAN DIGAMBAR	Contus Igneus (Insuline Plant)	Mr. Nilesh B.Chaudhari
7.	CHAUDHARI PRAFULL SANJAY		
8.	CHAUDHARI PRASAD DHARMRAJ		
9.	CHAUDHARI SHUBHAM CHANDRAKANT		
10.	CHAUDHARI SWAPNIL HEMANTKUMAR		
11.	CHAVAN RUCHIKA SANJAY	New Drug Development Process in India	Mr. Samir N Patil
12.	CHAVAN VASANT YASHVANT		
13.	CHINCHOLE NIKHIL ARUN		
14.	DHANGAR NILESH SOPAN		
15.	DHUKALE SNEHAL SHRIRAM		
16.	GOKHALE SHURBHI SUNIL	A Review On Recent Trends In Pharmacovigilance	Mr.Khushabu R.Patil
17.	HUJARE ADITYA ASHOK		
18.	INGOLE YASH MADHUKAR		
19.	JAGTAP RUCHIKA VILAS		
20.	JANJALE VISHAKHA RAVINDRA		
21.	JUMADE KASHIBAI NARHARI	A Review On : Viral Encephalitis	Mr.Mayur A.Chaudhari
22.	KHADKE KAJAL SATISH		
23.	KHADKE NIKHIL CHUNILAL		
24.	KHANDARE PRATIKSHA JAGDEO		
25.	MAGARE TUSHAR ANIL		
26.	MALI BHAVANA MADHAV	A Review On Hydroponic System	Mr.Gunjan S.Patil
27.	MALI MAYUR BHANUDAS		
28.	MANIYAR TAUSIF RAFIQUE		
29.	MARATHE SANJIVANI ASHOK		
30.	MORE ASHWINI VITTHAL		
31.	NERPAGAR JAYESH VIJAY	Extraction Method Of Polyherbal Cosmetic	Mr.Pavan R.Badgujar
32.	PATIL DEVENDRA ARUNRAO		



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33.	PATIL DIVYA GOPAL	Formulation	
34.	PATIL DNYANESHWAR DHANRAJ		
35.	PATIL HITESHWARI RAJENDRA		
36.	PATIL JAYANT SUBHASH	Visor : A New Device Can Save Lives	Mrs.Neha A.Porwar
37.	PATIL KANCHAN SUNIL		
38.	PATIL LOKESH EKNATH		
39.	PATIL MANSI PRAMOD		
40.	PATIL MAYUR YUVRAJ		
41.	PATIL MONIKA SANDEEP	Formulation And Evaluation Of Lip Balm	Mr.Grish S.Vispute
42.	PATIL NIKITA DHANRAJ		
43.	PATIL NITIN KAILAS		
44.	PATIL PARAG DIPAK		
45.	PATIL PRATIK PURUSHOTTAM		
46.	PATIL PRATIKSHA RAMESH	The Ritonavir Anti-HIV Drug	Mrs.Vaishali M.Badgajar
47.	PATIL PRITAM DNYANESHWAR		
48.	PATIL RAKESH CHAMPALAL		
49.	PATIL RUSHIKESH RAJENDRA		
50.	PATIL SAMRUDDHI PRAVIN		
51.	PATIL SHUBHAM RAMAN	A Review On Regulatory Affairs	Miss.Priyanka J.Vyas
52.	PATIL SHUBHAM RAMESH		
53.	PATIL SUSHMA PRABHAKAR		
54.	PATIL VIVEK SAJAN		
55.	PAWAR BHARAT ANNA		
56.	PAWAR MAHENDRA PRABHAKAR	A Review On Nutraceuticals	Mrs.Rajeshwari S.Sonawane
57.	PAWAR SAGAR DAGA		
58.	RATHOD MANOJ MAHETAB		
59.	RATHOD RAVIRAJ RAM		
60.	SAIYYAD NURMAHAMMAD SAIYYAD JAKIR		
61.	SALVE SAURABH SURESH	Project On ADR In Oral Cardiovascular Drugs	Mr.Grish S.Vispute
62.	SAPKALE JAGRUTI SANJU		
63.	SHAIKH RAFHAT NOOR MOHAMMED		
64.	SHARMA GAYATRI SHRAVANKUMAR		
65.	SHITOLE PRANAV CHANDRAKANT		
66.	SONAWANE ARTI ARJUN	Review On Covid 19	Miss.Priyanka J.Vyas
67.	SONAWANE GAYATRI BHURAO		




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68.	SONAWANE MAYUR GAJANAN		
69.	SURYAWANSHI NILESH PRADIP		
70.	SURYAWANSHI PRASAD PRAMOD		
71.	TADAVI SHANTILAL RATNYA	Review On Pre-Clinical Studies	Mrs.Rajeshwari S.Sonawane
72.	TAYDE BHUSHAN SHAILENDRA		
73.	VARMA HARSHADA NAVALKISHOR		
74.	WAYKOLE SUSHANT DNYANDEV		

Project Coordinator
Prof. S. N. Patil



Principal
Dr. T. A. Deshmukh

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Activity Report 2021-22

Title of Event- Career opportunities after MBA and Pharmaceutical Management (Webinar)

Date- 11/10/2021

Venue Arunamai College of Pharmacy Mamurabad

Time- 11.00 am to 12.00 am

In-Charge of activity: - Mr. Samir Patil

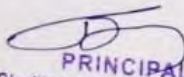
Resource Persons – Mrs. Kavita Pawar

No. of Participants- 43

Brief Description of Event - SES Arunamai College of Pharmacy Mamurabad, Jalgaon has organised online Webinar on Career opportunities after MBA and Pharmaceutical Management dated on 11/10/2021. The Resource person Mrs. Kavita Pawar mam explained about the few trends in pharma marketing and opportunities after MBA to the aspiring candidates.

Outcome of the Activity- The increasing knowledge of Students in Pharmaceutical management will expand your career options. It will help you gain expertise in drug discovery, drug development, drug manufacturing, regulatory affairs, and marketing.




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Mamurabad, Jalgaon - 425001, MS, India.

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Secretary

Dr. Tushar A. Deshmukh
Principal

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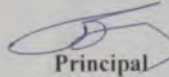
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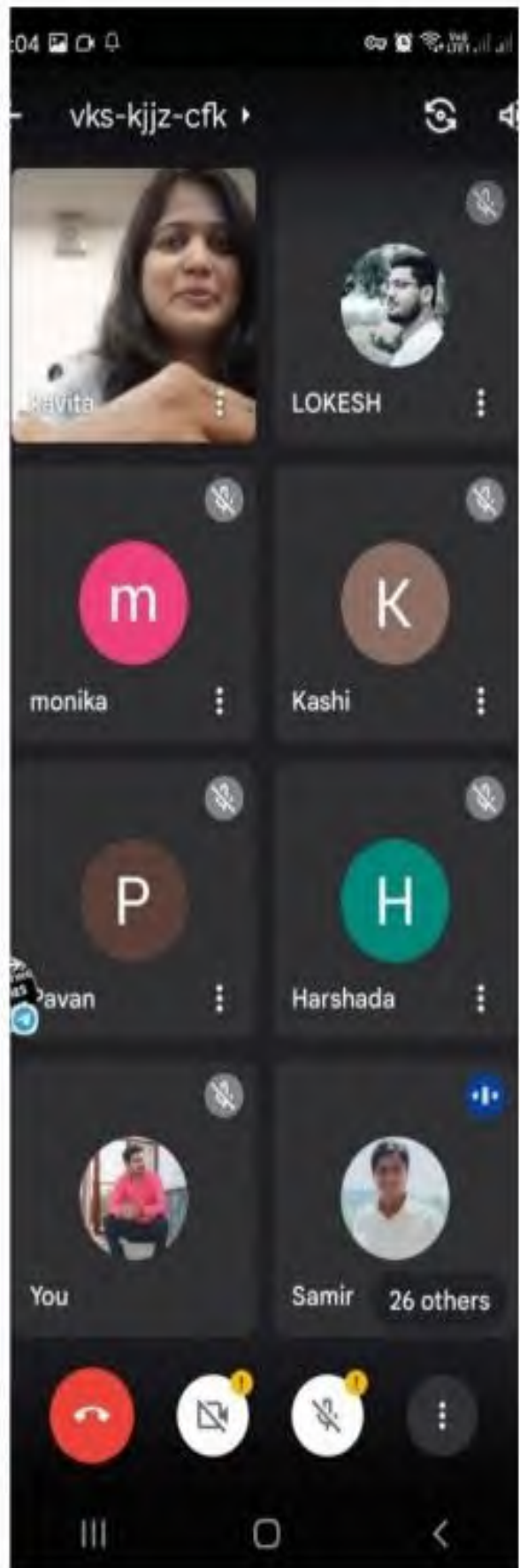
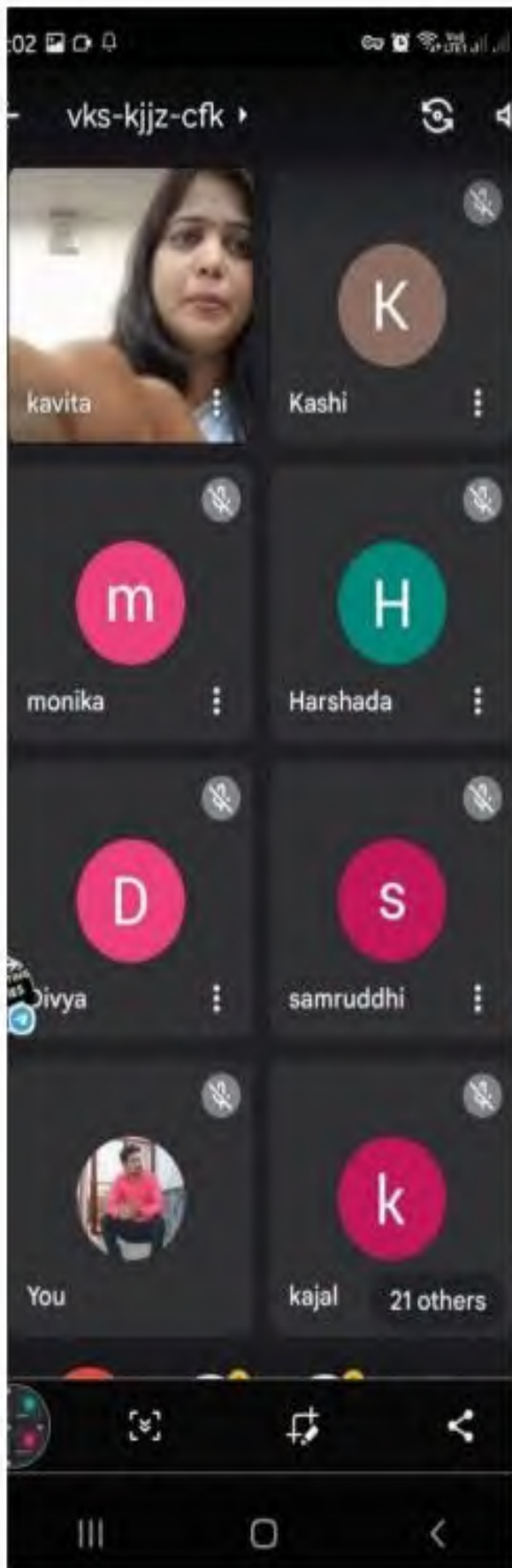
All the Students of B. Pharm are hereby informed that We are organized the Webinar on **Career Opportunities After MBA Pharmaceutical Management** on 11-10-2021 at 11.00 am.

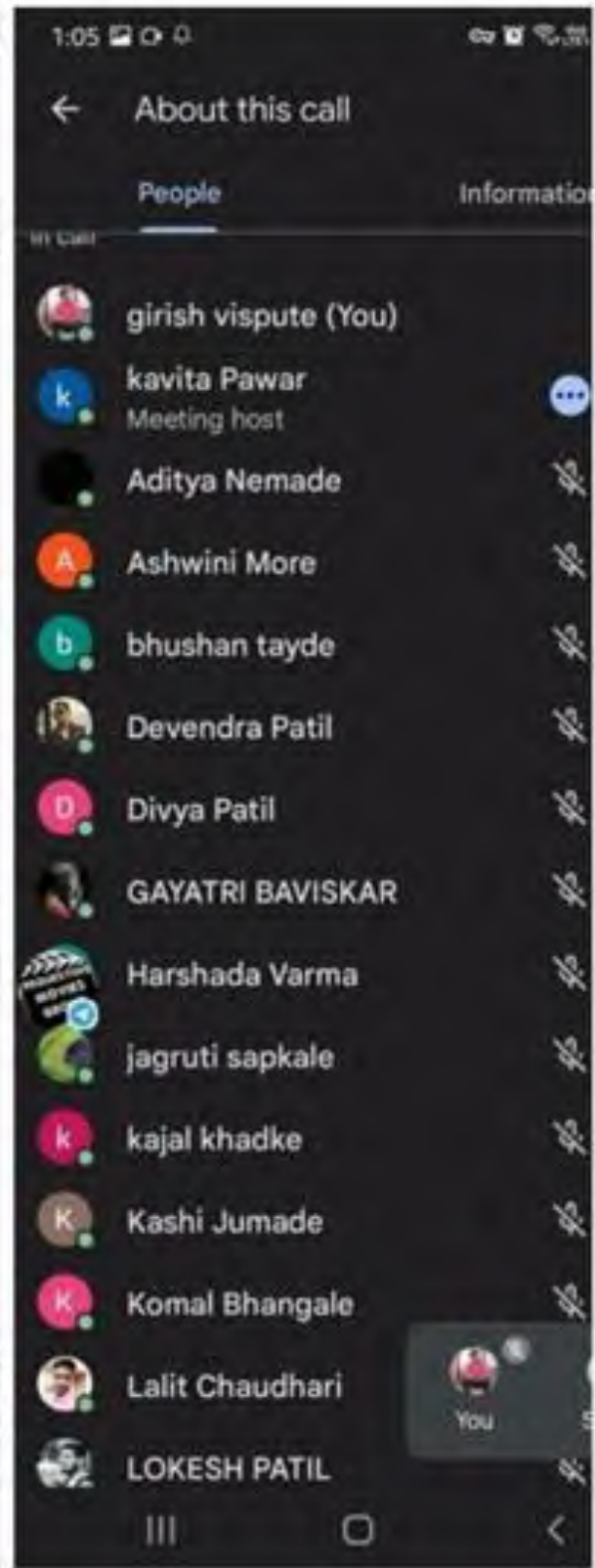
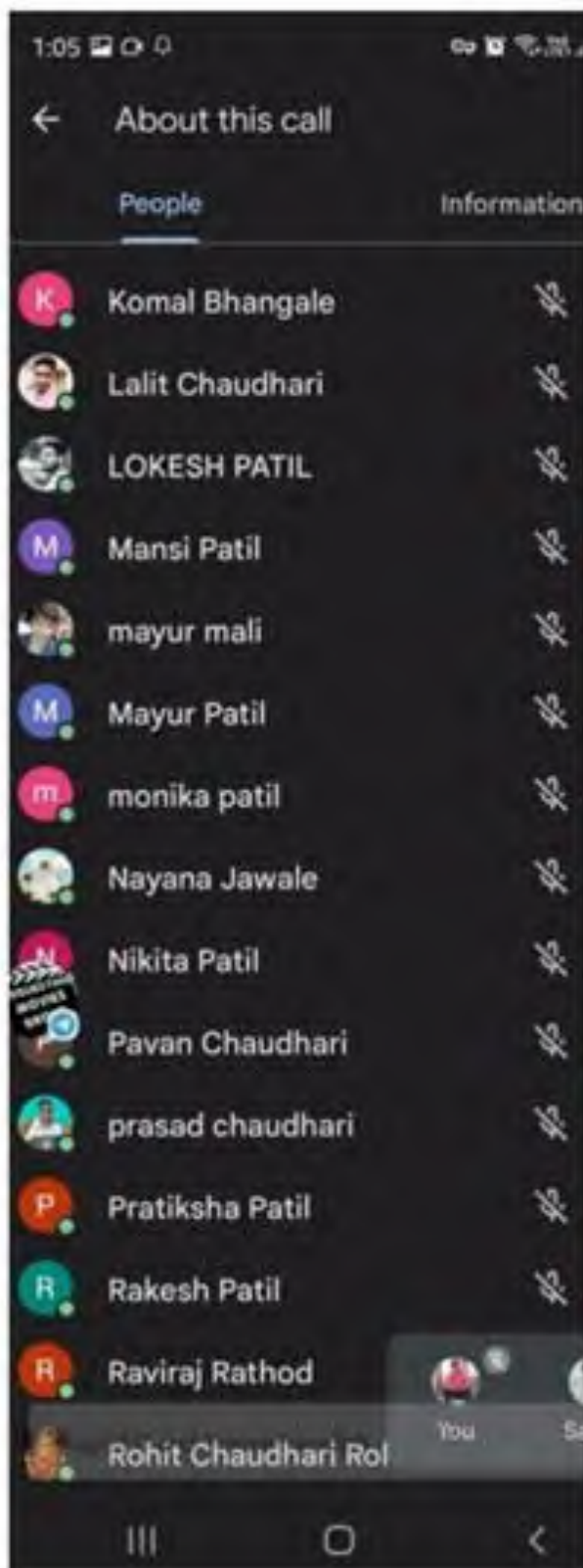
Venue – Arunamai college of pharmacy Mamurabad, Jalgaon.




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Avatar: Blue circle with 'k'

kavita

More options icon

Avatar: Brown circle with 'K'

Kashi

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Avatar: Pink circle with 'm'

monika

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Avatar: Teal circle with 'H'

Harshada

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Divya

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samruddhi

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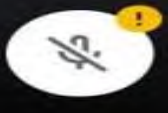
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kajal

20 others

Mute icon





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(Principal)

Activity Report 2021-22

Title of Event- How To Crack GPAT exam (Webinar)

Date& -16/10/2021

Venue -Arunamai College of Pharmacy Mamurabad

Time- 11.00 am to 12.00 am

Resource Persons – Mr. C. Vijaykumar


Activity In charge- Mr. S. N. Patil

No. of Participants- 31

Brief Description of Event - SES Arunamai College of Pharmacy Mahmudabad, Jalgaon organized online Webinar on How To Crack GPAT exam. The resource person Respected Mr. C. Vijaykumar sir was discussed all syllabus of GPAT with students and also discussed important topics of the various subjects and gives guidelines for study and preparation of GPAT examination in short period of Time.

Outcome of the Activity- The Student get the knowledge of syllabus for GPAT exam and how to go and what it get to achieved from GPAT examination.




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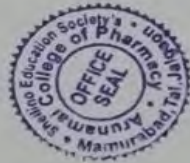
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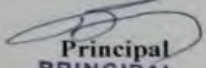
Date: 15/10/2021

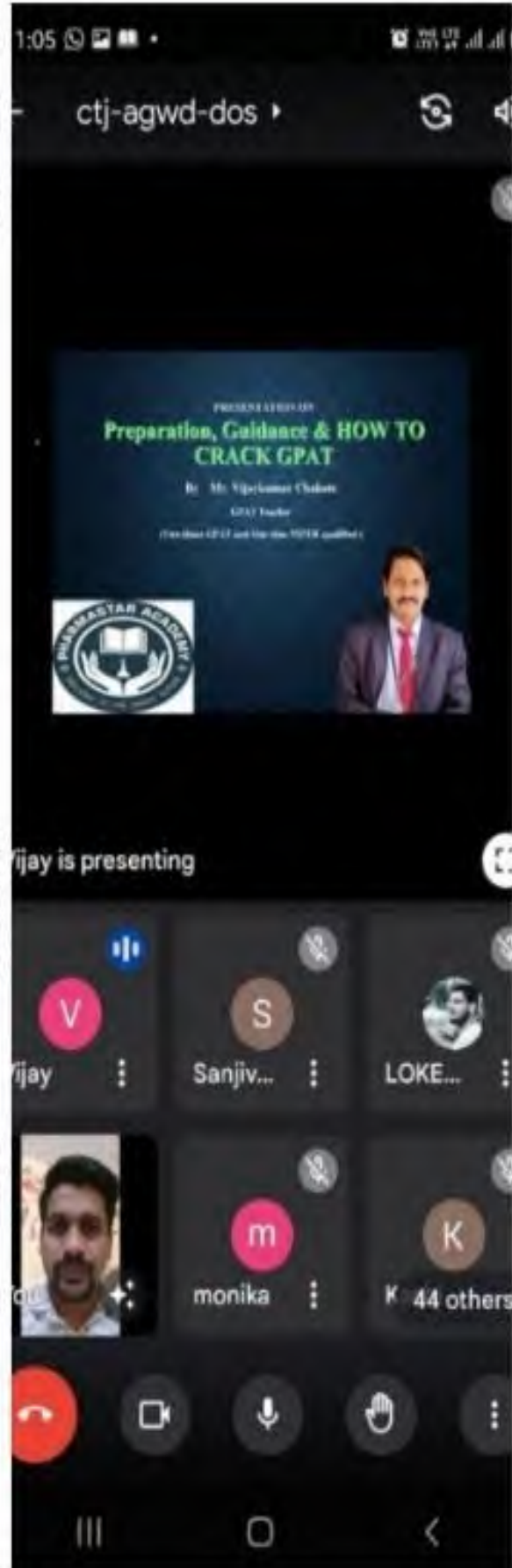
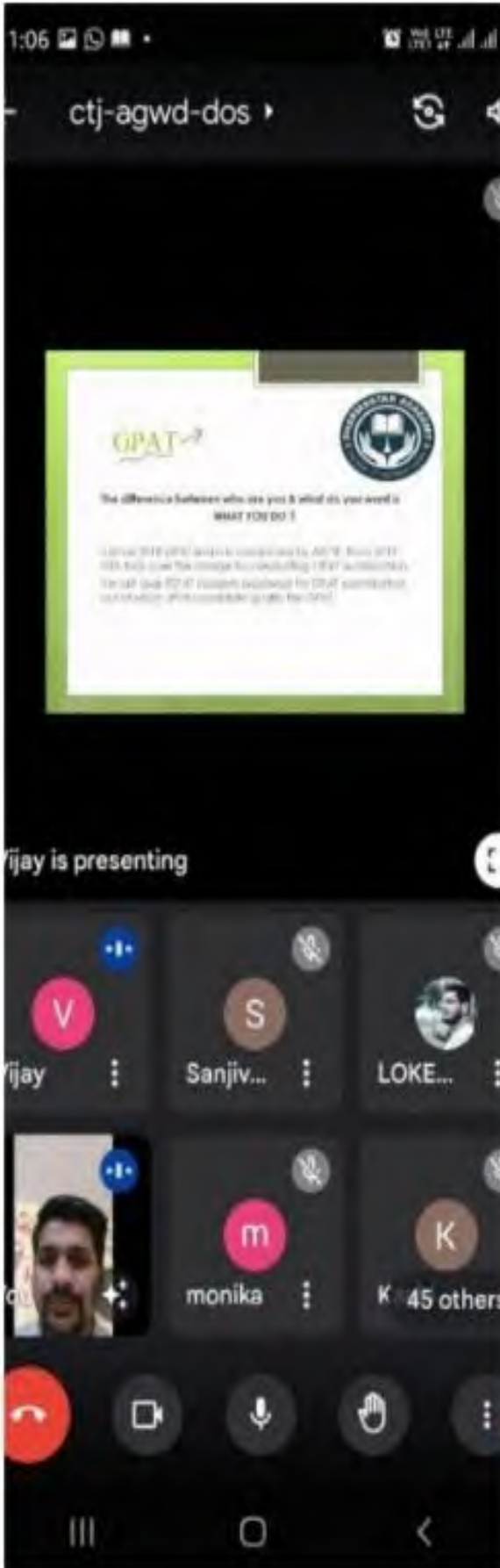
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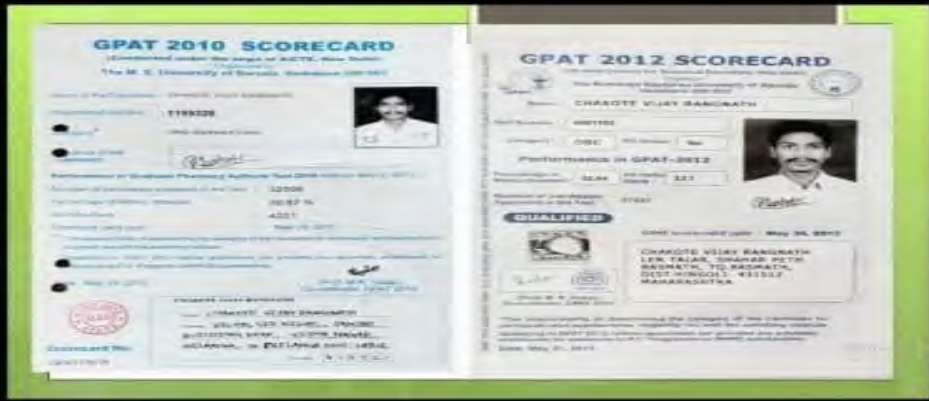
All the Students of B. Pharm are hereby informed that We are organized the Online Webinar on **How to Crack GPAT Exam** on 16-10-2021 at 11.00 am.

Venue – Arunamai college of pharmacy Mamurabad, Jalgaon.




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Vijay is presenting



Sanjivani



Munazza



You



Vijay

65 others



11:05 [Battery] [Signal] [VoLTE] [LTE1] [Signal]

← About this call

People Information Activ

- S Sanjivani Marathe
- SAURABH SALVE
- S Shubham Bhosle
- Shubham Patil
- s suyog bhangale
- Swapnil Chaudhari
- T Tanushri Patil
- T Tushar Magare
- U Unique videos enjoy
- U Unnati Sonawane
- utkarsha sonawane
- Vaibhav Ghumare
- V Vasant Chavan
- Vivek Patil
- Y Yash Ingole

Bottom: You [Video] Vija [Video]

11:05 [Battery] [Signal] [VoLTE] [LTE1] [Signal]

← About this call

People Information Activ

- V [Video] Meeting host
- A Aditya Hujare
- A Ashwini More
- Ashwini Patil
- B Bhakti Sapkale
- Bhushan Borse
- Chetan Patil
- Devendra Patil
- D Divya Patil
- DIVYA THAKARE
- d durgesh narkhede
- G Gauri Khadke
- H Harshada Varma
- Jayant Patil
- jayesh patil
- K Kashi Lumade

Bottom: You [Video] Vija [Video]