



DODLA KOUSALYAMMA GOVERNMENT COLLEGE FOR WOMEN

Nellore, Andhra Pradesh - 524003

Autonomous College, College with Potential For Excellence

Re-accredited with 'A' Grade by NAAC



ZOOLOGY DEPARTMENT BEST PRACTICE

TECHNOLOGY ENABLED TEACHING

CONTEXT:

Chalk and Talk is primarily teaching technology practiced all over but the time demands e-learning resources for both enhancement of quality learning and teaching in higher education.

In 2011, UGC has ordered ban of animal dissection in labs for undergraduate programme. In this context replacing dissections with digital alternative is highly needed. Newly introduced courses like Aquaculture technology, Animal Biotechnology, animal husbandry, electives and clusters requires lot of ICT resources for better understanding and knowledge. So in this context Department of Zoology, Adopted Technology Enabled Teaching Best Practice.

OBJECTIVES:

- To develop student dissection skills using DIGIFROG software in view of banning Animal dissection by UGC.
- To provide opportunity for the students to use maximum senses to get the information.
- To use appropriate and varied communicative and multimedia tools for effective teaching.
- To minimize the use of Paper.

PRACTICE:

ICT has broken the monotony and provided variety in the teaching- learning process. Technology based teaching simplifies the part of teaching as a visual presentation. Students learn 80% of learning through visual. Visual presentation of the particular topic could be easily understood by the student with proper visualization and enjoy the new learning experiences. To enhance teaching- learning experiences in our zoology department varied technologies like ICT projector, dissection CDs and software, YouTube videos, zoology blogs. Social media is also playing significant role in motivating students. Our department is having Facebook page, Whatsapp group which will be sharing department actives and subject related content, videos for benefit of students. Another notable usage is mobile teaching which is used by students for revising syllabus.

In 1 hour period of teaching first 30 minutes are spent for teaching content of the particular topic by using black board and LCD and then respective topic related YouTube videos are shown finally followed by evaluation.

EVIDENCES OF SUCCESS:

Using ICT has enabled appropriately paced and timely completion of syllabus which was a challenge to department

Improvement of results and zoology marks in comparison to other subjects in both university and Autonomous examinations.

Students found content of courses more interesting and easy to learn.

OBSTACLES FACED:

Technical issues.

Fund crunch for dissection software- overcome by using CPE funds the obstacle was resolved.

Unreliable power supply and voltage fluctuations- the problem will be solved with renovation work under RUSA Funds.

Internet facility- will be solved by INFLIBNET.

Smart phone usage by students.

VIDEOS.

DIGIGROG DISSECTION SOFTWARE ENABLED DISSECTION

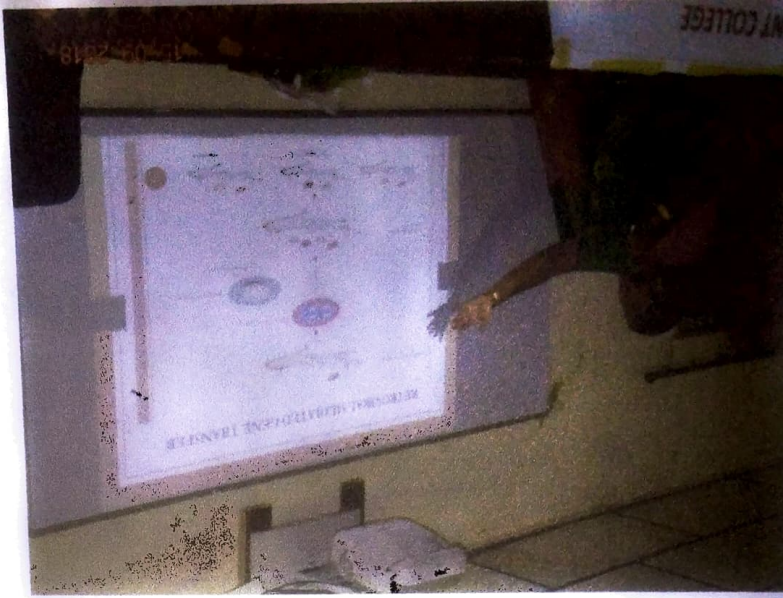
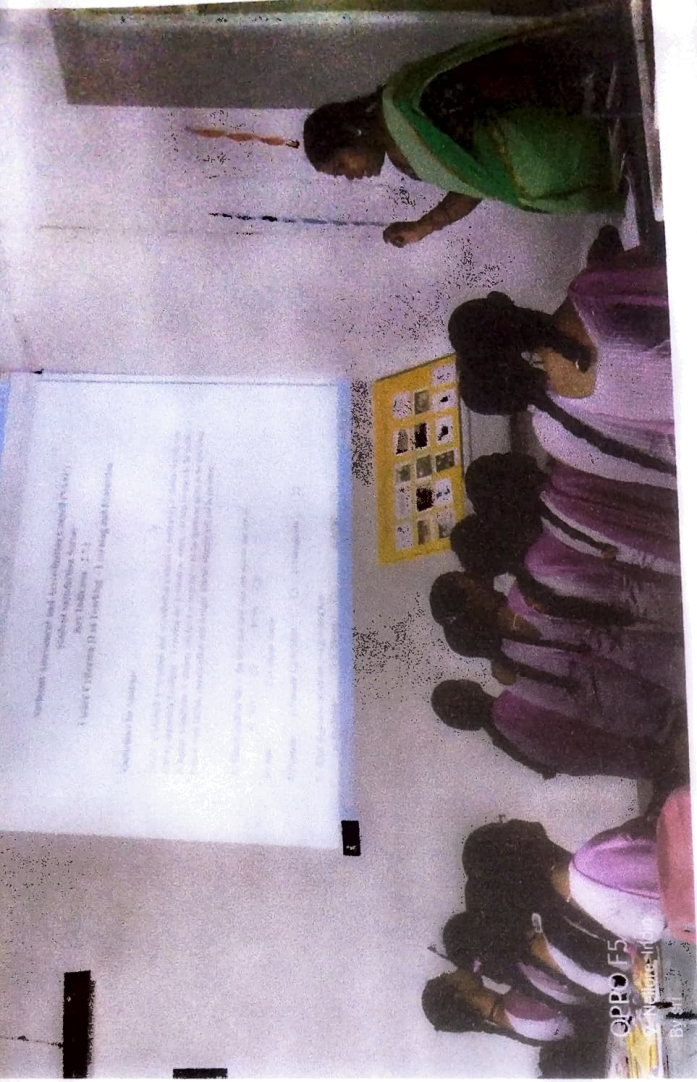
SOCIAL MEDIA ACTIVITIES

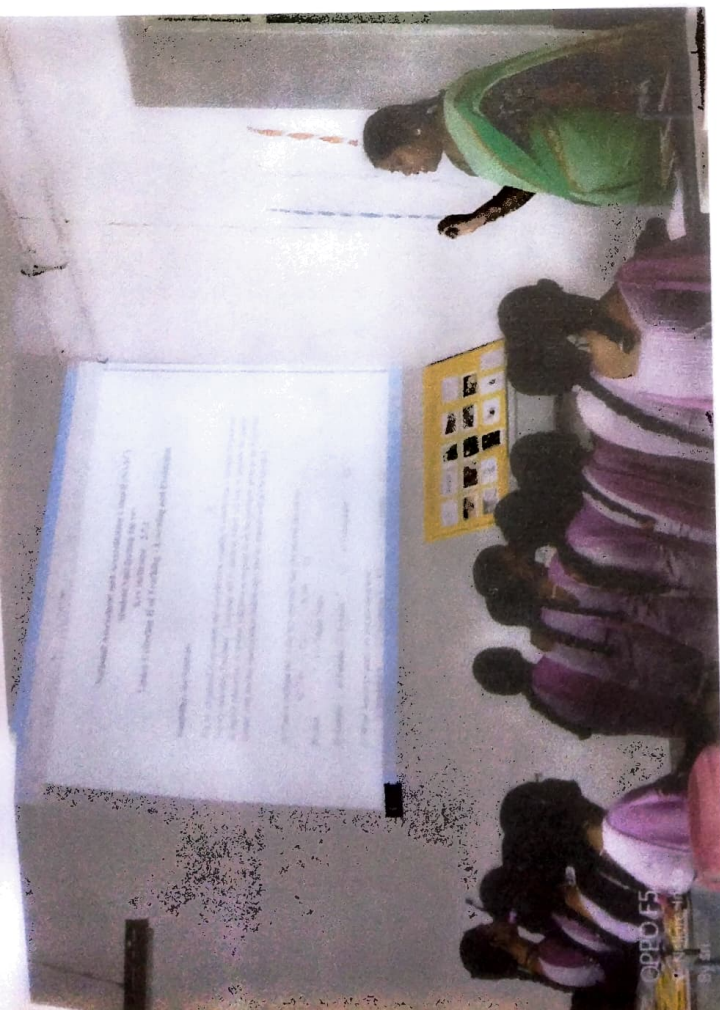
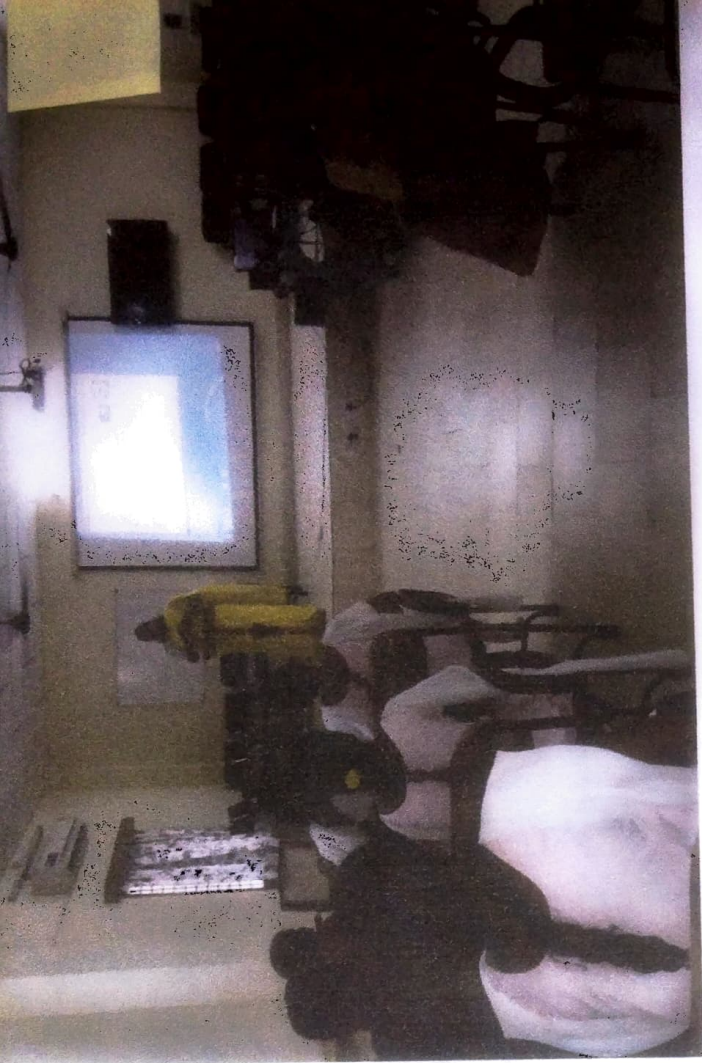
- FACE BOOK Account in the name of DEPARTMENT OF ZOOLOGY,D.K.GOV'T
AUTONOMOUS COLLEGE
- WATSAPP ACCOUNT D.K.W(A) ZOOLOGY GROUP
- MOBILE TEACHING IN THE FORM OF YOUTUBE VIDEOS

PPT PRSENTATIONS BY UG & PG STUDENTS

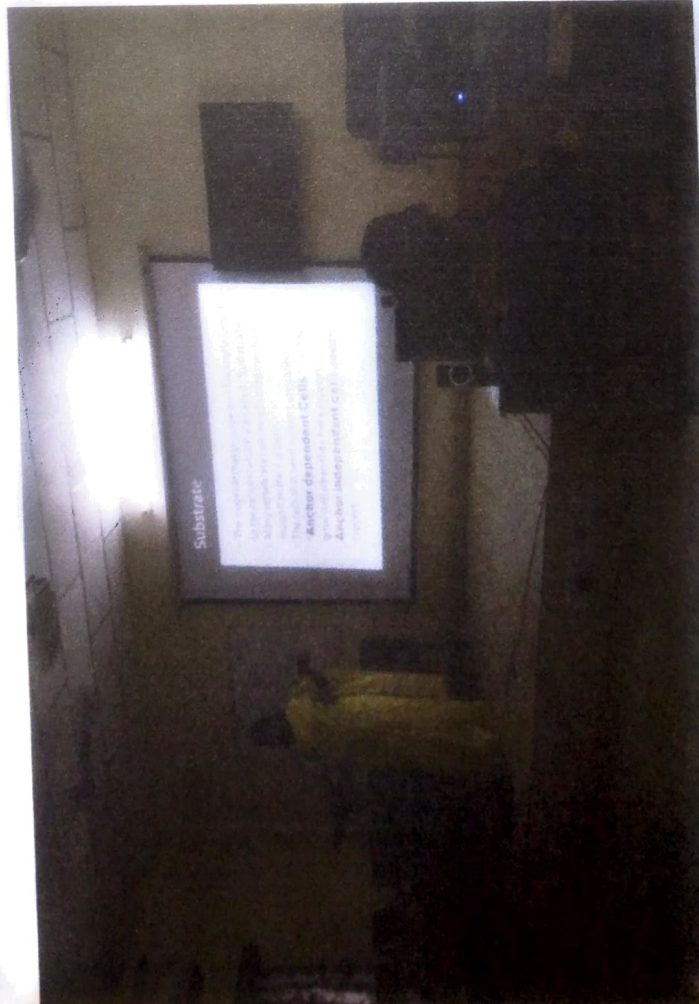


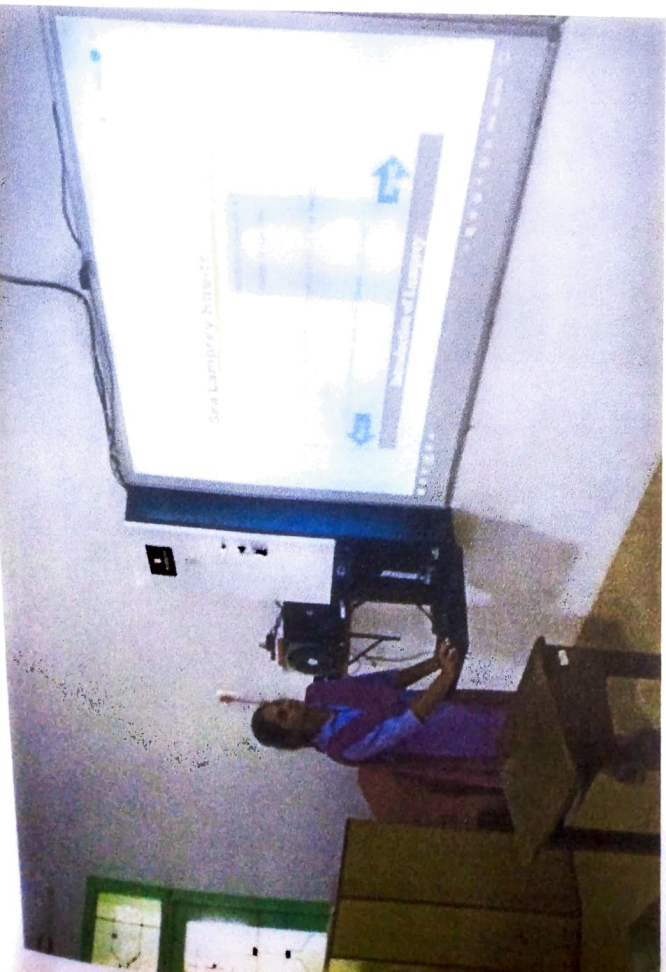














FACE BOOK ACCOUNT



Department Of Zoology, DK
Autonomous College For Women,...

Create Page @username

Get More Messages



Post



Photo



Promote



More

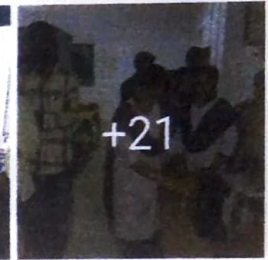
5

5 out of 5 • Recommended by Pitchika Gopi
Krishna

Home Posts Reviews Events Jobs



Options



+21

Francies Daniel Raj and 16 others

1 Share



Like



Comment



Share



Mobile Uploads

171 photos • Oct 11 at 6:16 PM



Cover Photos

5 photos • Aug 4 at 6:25 AM



Profile Pictures

3 photos • Sep 8, 2017

Home Posts Reviews Events Jobs Videos



Options



**Department Of Zoology, DK
Autonomous College For Women,
Nellore-524003** added 2 new photos.

...

Oct 3 at 8:59 PM •

Open Book Exam was conducted in Dept of Zoology
for 1st Semester Students today. Students actively
attempted the exam.

Examination Reforms# NAAC



os Videos Photos About Community Groups



Options

161

Total Likes

160

Total Follows

Invite friends to like this Page

Home Posts Reviews Events Jobs Videos



Options



**Department Of Zoology, DK
Autonomous College For Women,
Nellore-524003** added 18 new photos.

...

Sep 17 at 5:50 AM •

Dept of Zoology organized Field visit to Jagadeesh
Marine Exports, Bhimvaram. Students learnt about
Shrimp processing .

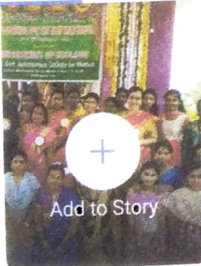
Options



Department Of Zoology, DK Autonomous College For Women, Nellore-524003 added 13 new photos.
Sep 17 at 5:43 AM

Aquaculture Student at UNO Feeds, Bhimvaram. fish feed manufacturing company. Students learned about Fish feed manufacturing method.







About

Send Message

College & University

Community

161 people like this

160 people follow this

See All

Options



Department Of Zoology, DK Autonomous College For Women, Nellore-524003 shared Seeker's video.
Sep 23 at 7:27 AM



Seeker
Sep 23 at 5:30 AM

Hot pink slugs were just discovered and they're awesome.

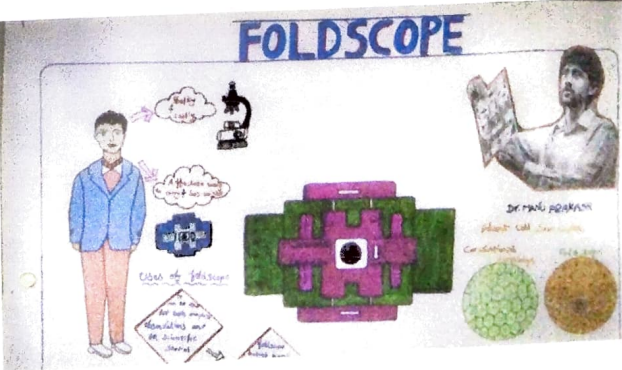


Options



Department Of Zoology, DK Autonomous College For Women, Nellore-524003
Aug 30 at 7:14 PM

Amazing work by our Zoology students



MICROCOSMOS FOLDSCOPE.COM

Poster Presentation Competitions on Foldscope at D.K.W.Govt.College for Women(A), Nellore

You, Francies Daniel Raj and 6 others

Options



Department Of Zoology, DK Autonomous College For Women, Nellore-524003 added 24 new photos – with Radhika Rachamreddy and 2 others.

Oct 4 at 6:59 PM

Dept of Zoology organized Workshop on Animal Biotechnology Practicals for 5th Semester Students of VR College, Nellore. Dr.P.Gopi Krishna, Assist Prof, Dept of Zoology, V S University, Nellore Was invited as Resource Person .

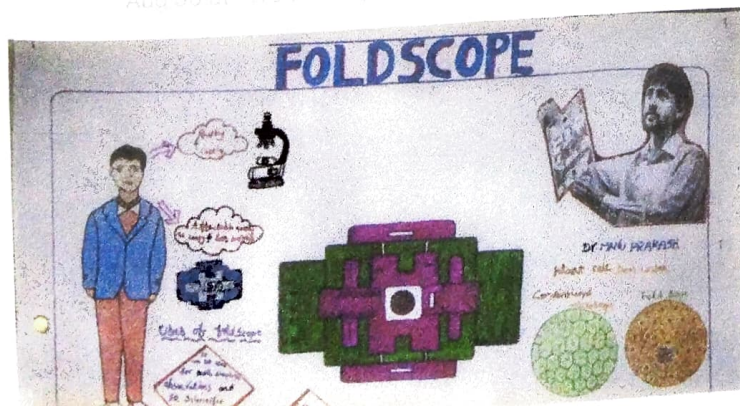


Options



Department Of Zoology, DK Autonomous College For Women, Nellore-524003 shared a link.

Aug 30 at 7:13 PM



Options



Department Of Zoology, DK Autonomous College For Women, Nellore-524003 added 6 new photos – with Monisha Batchu.

Aug 4 at 6:17 AM

Dept of Zoology and Youth Red Cross Organized free Dermatology check up camp for students.



for Women(A), Nellore

Posted by TULASI MASTANAMMA on AUGUST 28, 2018

One day Foldscope Orientation Workshop was conducted at D.K.W.Govt.College for Women(A), Nellore on 27.8.18. On this occasion, the department of Zoology organised Poster Presentation Competitions on Foldscope and its uses. Students prepared creative and innovative posters and the winners were appreciated and gifted with prizes. I personally presented a foldscope to 1 prize winner. These are the posters.

Options

Youth Red Cross Committee organized Blood grouping Test on the occasion of National Voluntary Blood Donation Day in coordination with Dept of Zoology on October 1st 2018.



'డికేడబ్ల్యూ'లో రక్తదాన

ఈ సందర్భంగా కళాశాల ప్రెసిపాల్ దాతల నయ్య మాట్లాడుతూ రక్తదానం ప్రాణదానమని, ఇతరుల ప్రాణాలను రక్షించడంలో బాగస్వాములు కావాలని తెలిపారు. ప్ర. గ్రూప్స్ పై అవగాహన కలిగి ఉండి ఆయంలో రక్తదానం చేయాలని సూచించారు.

ఈ కార్యక్రమంలో విద్యార్థినులు

పిద్య) అల్లెపర్తి 1: డీకే ప్రభుత్వ మహిళా కమిటీ అంతర్జాతీయ రక్తదాన దినోత్సవం సందర్భంగా రక్తదాన శిబిరం నిర్వహించారు.

Tue, 02 October 2018
https://paper-andhrayothy.com/12758018



+6

Options



Department Of Zoology, DK Autonomous College For Women, Nellore-524003 shared Business Insider's video.

Sep 30 at 5:48 AM



Business Insider

Sep 7 at 10:55 PM

Why horseshoe crab blood is so expensive.



Why is horseshoe crab blood

Options



Department Of Zoology, DK Autonomous College For Women, Nellore-524003 added 9 new photos — with Surendra Dasari.

Oct 3 at 8:03 AM

Youth Red Cross Committee organized Blood grouping Test on the occasion of National Voluntary Blood Donation Day in coordination with Dept of Zoology on October 1st 2018.



'డికేడబ్ల్యూ'లో రక్తదాన

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Tue, 02 October 2018

Options



Department Of Zoology, DK Autonomous College For Women, Nellore-524003 shared DK Govt College For Women Autonomous's post.

Aug 28 at 6:22 PM



DK Govt College For Women Autonomous added 19 new photos.

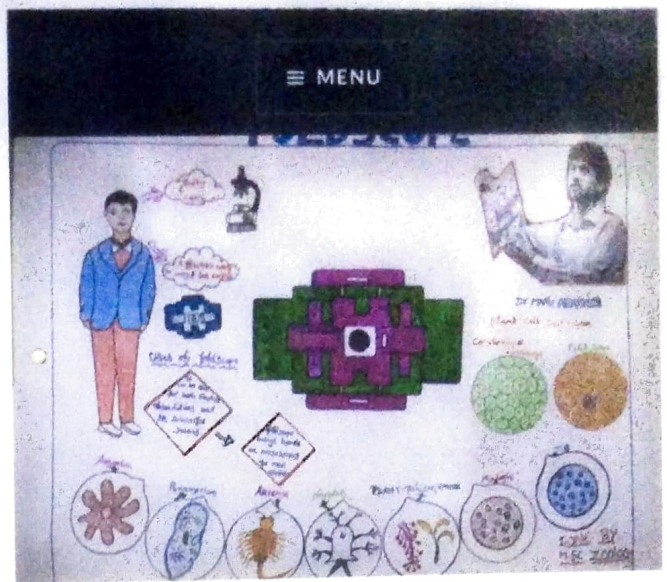
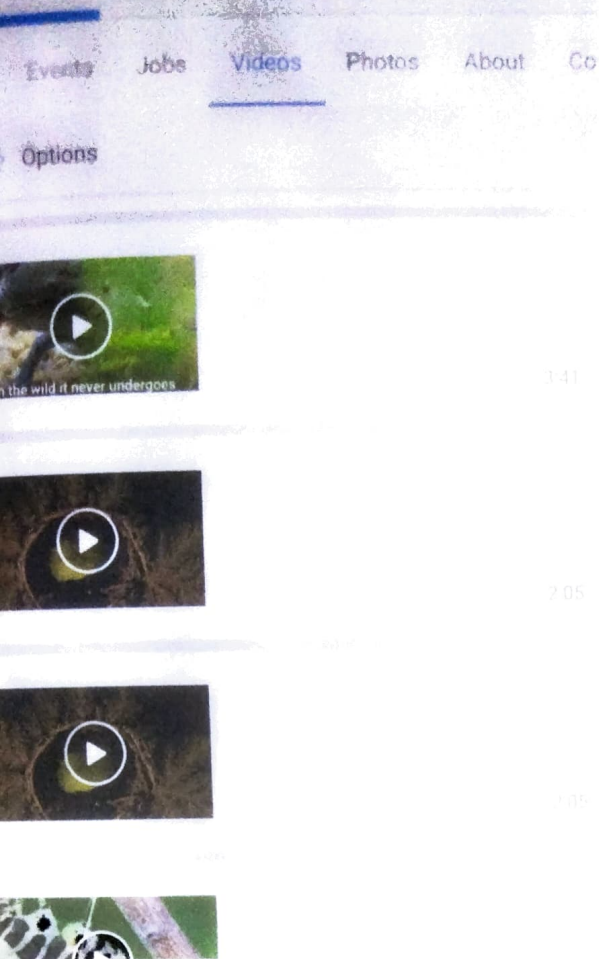
Aug 28 at 7:24 AM

National workshop on Foldscope-assembly and usage organized by the department of Zoology

జాతీయస్థాయి కార్యశాల

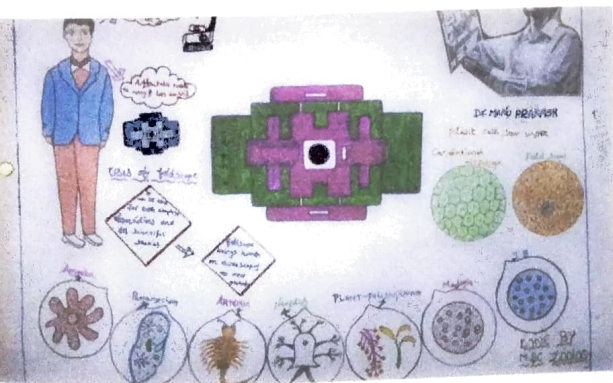
నెల్లూరు(విద్య). న్యూస్టుడే : నగరంలోని డీకే ప్రభుత్వ స్వయం ప్రతిపత్తి మహిళా కళాశాలలో జూవాలజీ విభాగం ఆధ్వర్య





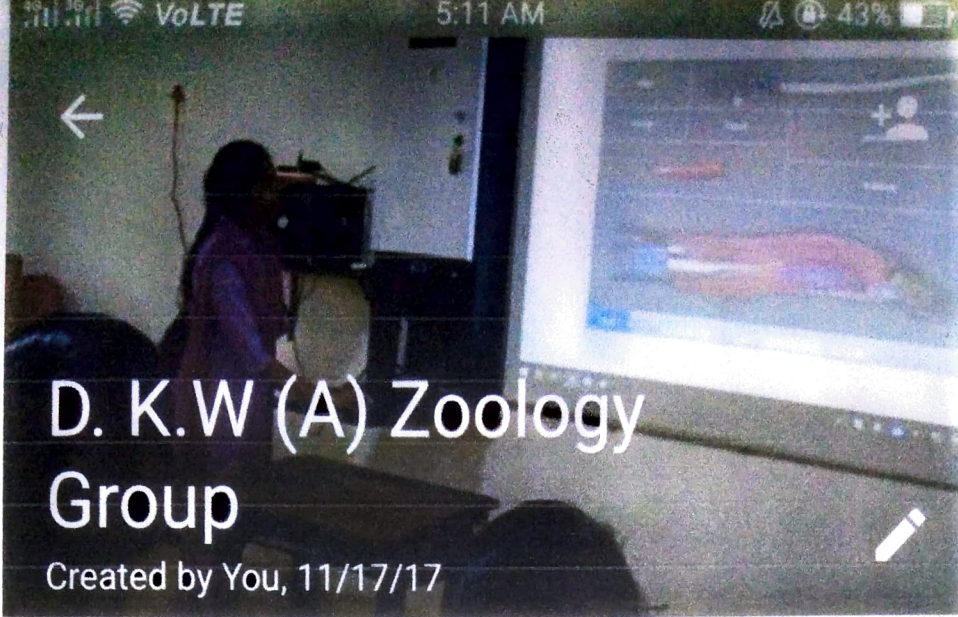
FOLDScopeINSTRUCTIONS, UNCATEGORIZED

Poster Presentation



FOLDScopeINSTRUCTIONS, UNCATEGORIZED

Poster Presentation Competitions on Foldscope at D.K.W.Govt.College



D. K.W (A) Zoology Group

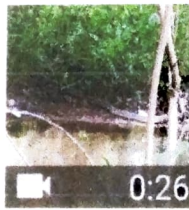
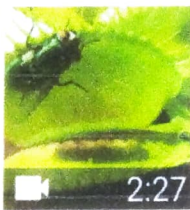
Created by You, 11/17/17

Add group description

WATSAPP GROUP ACCOUNT

Media

471 >



Mute notifications



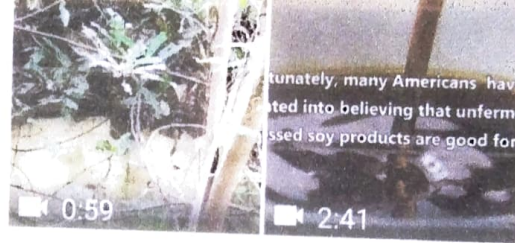
Custom notifications

Media visibility

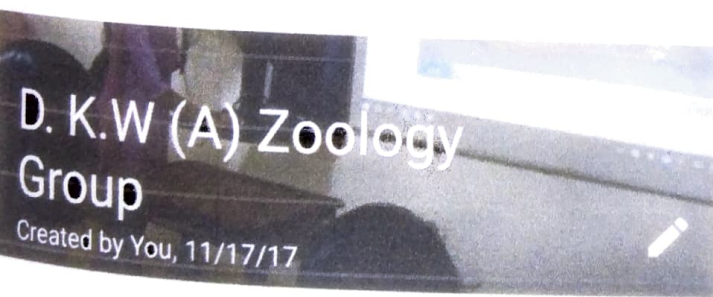
Encryption

Messages to this group are secured with end-to-end encryption. Tap for more info.





LAST MONTH



Add group description

Media



Mute notifications

Custom notifications

Media visibility



When this snail, the miracidia, hatches, it develops into a trophozoite, then to rediae, then to cercariae, which are released from the metacercariae and [9]

outer cytoplasm via their contractile vacuoles. The tegumental cells form the usual cytoplasmic organelles in a continuous layer. The tegument plays a key role in the fluke's infection of the host. Studies have shown that certain parts of the tegument in this case the anterior region, leg, can actually suppress the immune response of the host's body. This means that the fluke is able to weaken the host's immune system and increase its chances of a successful infection. A study by [10] found that the fluke's tegumental cells are able to suppress the host's immune response by inhibiting the production of cytokines, which are proteins that help the immune system fight off infection.

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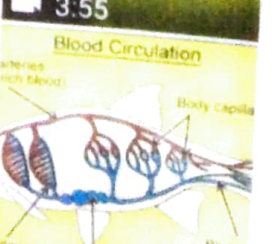
and its primary function is to protect the fluke from the destructive effects of the host's immune system. The tegument is also used for excretion, as the surface plasma membrane and the active uptake of nutrients. On the surface of the tegument, there are small spines, which are called spines. These spines are located just prior to the fluke entering the host's body. They become multipointed as the anterior end of the fluke, the apical end, enters the host's body. They have 10-12 points, whereas at the posterior end, they have 40-50 points. The spines are made from the host's tissue, which is made from the

7 Biggest brain damaging habits

1. Missing breakfast
 2. Sleeping late
 3. High sugar consumption
 4. More sleeping specially at morning
 5. Eating more while watching TV or computer
 6. Wearing headphones while sleeping
 7. Habit of looking/staring longer
- Don't Just Read Forward
To Whom you can ask I Care For U

WELCOME TO THE WORLD OF THE FUTURE

JULY



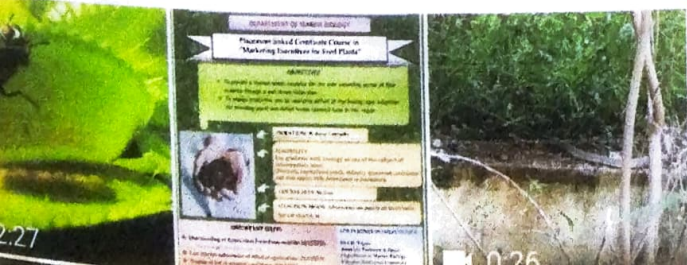


Project Title: <i>Project Title</i> Submitted By: <i>Submitted By</i> Class: <i>Class</i> Project Description: <i>Project Description</i> Project Objectives: <i>Project Objectives</i> Project Methodology: <i>Project Methodology</i> Project Results: <i>Project Results</i> Project Conclusion: <i>Project Conclusion</i>	Project Title: <i>Project Title</i> Submitted By: <i>Submitted By</i> Class: <i>Class</i> Project Description: <i>Project Description</i> Project Objectives: <i>Project Objectives</i> Project Methodology: <i>Project Methodology</i> Project Results: <i>Project Results</i> Project Conclusion: <i>Project Conclusion</i>	Project Title: <i>Project Title</i> Submitted By: <i>Submitted By</i> Class: <i>Class</i> Project Description: <i>Project Description</i> Project Objectives: <i>Project Objectives</i> Project Methodology: <i>Project Methodology</i> Project Results: <i>Project Results</i> Project Conclusion: <i>Project Conclusion</i>
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NOVEMBER

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LAST MONTH



