

Shri Shivaji Education society, Amravati's
**Shri Shivaji College of Arts, Commerce & Science,
Akola**
Department of Geology & Geoinformatics
Geological Study Tour
To
“JABALPUR AND SURROUNDING AREA,(M.P.)”



@ Madanmahal Balance stone, Jabalpur



Geological fieldwork @Lameta Ghat



@ Dunwadhar waterfall, Jabalpur



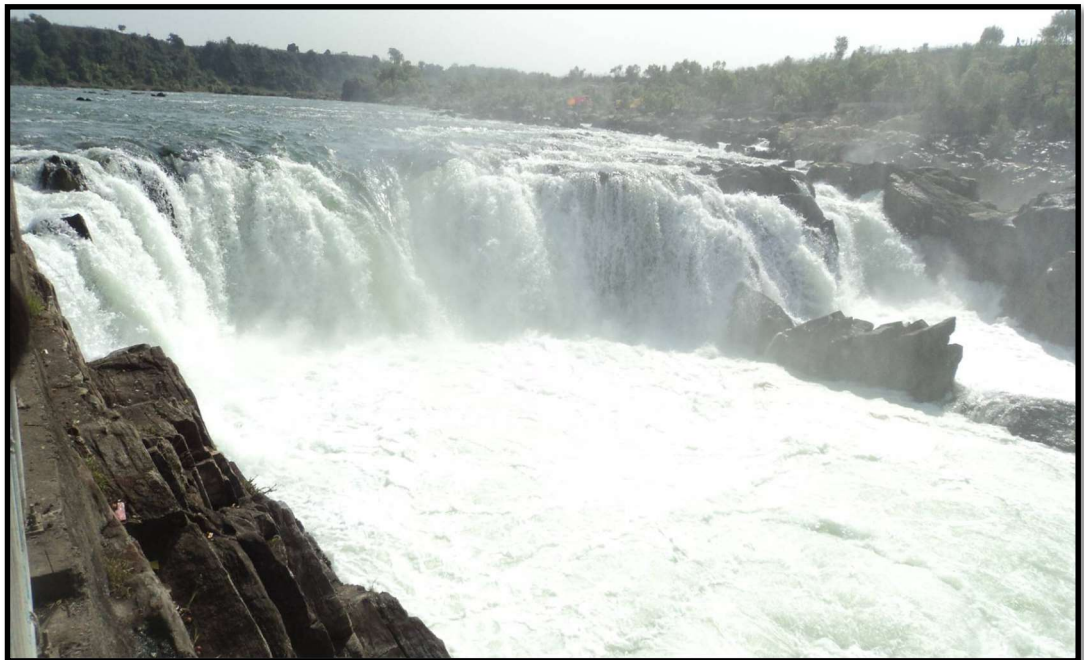
**Searching of Fossils at Lameta Section-Chuhi Hill,
Jabalpur**



Field Mapping



Geological Museum Visit @Government Science College, Jabalpur



Dhuandhar Waterfall

Shri Shivaji Education society, Amravati's
Shri Shivaji College of Arts, Commerce & Science,
Akola
Department of Geology & Geoinformatics
MoU for Institute Industry Partnership
interaction



MoU with Geotech GIS training Institute, Aurangabad



MoU with D-GIS Training and Consultancy Services, Nagpur



Campus Placement Interviews for Geoinformatics students



Students Selected in Campus Placement Batch 2019-2020



Foreign Geology researcher Omer Ahemad and Saleh Albani visited College



Foreign Geology Resercher Mr.Omer Ahemad visited Departmental Geology Museum

Shri Shivaji College of Arts, Commerce and Science, Akola

Department of Geology

Report on Geological Site visit

- The Department of Geology organized study tour for B.Sc. II and III year students on Friday 17 Feb, 2017 for geological field work in and around Chikhaldara area.
- During geological field visit students carried out geological site investigation and demarcated the different geological features and formations.
- The different geological horizons of basalts like Compact Basalt, Massive Basalt, Vesicular Basalt, Amygdaloidal basalts, Red bole identified by students.
- The spheroidal weathering, waterfall, river meandering, secondary mineralization also seen by students.



Dr. K.C. Shah with students at Chikhaldara Viewpoint

Shri Shivaji College of Arts, Commerce and Science, Akola

Department of Geology

Report on Geological Site visit to Wari Hanuman area

The department of geology and geo-informatics organized one day study tour at Wari Bharaogad (Wari Hanuman), in Akola District, on dated 08th March, 2018. It is famous for a temple of Lord Hanuman and Maharashtra Government constructed a dam on "Wan River" known as "Wan Prakalpa".

Student visited Wan dam. This is one of the largest irrigation projects in the Indian state of Maharashtra. The water is mainly used to irrigate agricultural land in the western vidarbha. It also provides water for drinking to nearby towns, villages and Cities like Akola, Telhara Shegaon. The surrounding area of the dam has a garden old Hanumana temple.

During geological field work student carried out geological site investigation in an around Hanuman temple and demarked geological features and formation.

Student identified different lithological horizon of basalt like weathered, fractured and jointed Basalt (Deccan Traps). Students also studied about the geomorphological feature like messa, butte, potholes, etc. Students also studied the drainage pattern in the area.



At Wari Hanuman temple



In River course around wari Hanuman for finding the minerals.



Students observing geological structures.

To,

The Principle,
Shri Shivaji College of Arts,
Commerce & Science,
AKOLA

Subject:-Geology field tour of B.Sc Part II and Part III (Sem IV & VI) at Wari Hanuman.

Respected Sir,

This is to request you to for field tour of B.Sc Part II and Part III (Sem IV & VI). This is a compulsory part of syllabus. The event is due on 08th March 2018, we will start from college premises at around 6 am and reach back to college on 8 pm in the college. There are around 50 students and 04 staff members.

So please grant the permission for the same.

Thanking you.

Place- Akola

Date- 06/03/2018

सदर सलामीना ~~सोनी~~ स्वतंत्रता
समाजवादी पुरवणी देणारी
हरकत नाही.
06-03-2018

महोदय, शिक्षकगट व ५० विद्यार्थी
संगतपणे व समाजवादी
पुरवणी देण्यास हरकत नाही
ही संकेत विभाग शाखात
20/6/18

Yours faithfully,

- 1)
- 2)
- 3)

4)
Head of Department
Department of Geology
Shri Shivaji College of Arts,
Commerce & Science, Akola

Tour Permission Letter

SHRISHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA
DEPARTMENT OF GEOLOGY AND GEOINFORMATICS.

2017-2018

WARI TOURS

B.Sc PART-III SEMESTER VI

Date :-

Sr. No.	AGE	Name of Student	Signature of Student
1	F	Ku. Lataji Anoop Surose	
2	M	Mohammad Shoeb Abd.Hameed ✓	
3	F	Ku. Pooja Prakash Manekar ✓	
4	F	Ku. Sucha Santosh Gawande	
5	F	Ku. Alviya Maheen Mohd Haroon	
6	M	Amol Shiraj Apturkar ✓	
7	M	Aniket Dhantaj Jadhao ✓	
8	M	Ashish Jadhav Bhawane ✓	
9	M	Darshan Pravin Patel ✓	
10	F	Ku. Kalpana sanjay ghate ✓	
11	F	Ku. Yashraj Isa motalari	
12	F	Ku. Eshwar Anant pawar	
13	M	Pankaj Yashwant Sheguonkar	
14	F	Ku. Pratiksha Rajendra Puri	
15	F	Ku. Quara Fatema Humera	
16	F	Ku. Ratika Rajesh Shirsat	
17	F	Ku. Saima Parveen	
18	M	Sarthak Kiran Raut	
19	F	Ku. Shubhangi Anandrao Galat	
20	M	Sushil Raju Gore	
21	M	Swapnil Govinda Umale	
22	F	Ku. Meera Kale	
23	F	Ku. Pooja Khakre	
24	F	Ku. Komal Dhole	
25	F	Guinaaz Parveen	

Shri Shivaji College of Arts, Commerce and Science, Akola.

Session 2018-2019

DEPARTMENT OF GEOLOGY AND GEOINFORMATICS

Guest Lecture Report

- The Department of Geology and Geoinformatics organized Guest lecture of Dr. Ajay Deshpande, Associate Scientist, Maharashtra Regional Remote Sensing Centre (MRSAC), Nagpur for B.Sc. Geology & M.Sc. Geoinformatics students on dated 3rd April 2019.
- The resource person highlighten the GIS and remote sensing importance in the field of Geosciences.
- He has also demonstrated the practical hands on training for PG Geoinformatics students and elaborated its application in Civil, agricultural, forestry, defense, geology, water management, etc. sector.
- He has also provided advanced data for practical practice to the students.



Shri Shivaji College of Arts commerce and Science, Akola
Department of Geology
Report on
Celebration of “Earth Science Week”.

On the occasion of "Earth Science Day," the Department of Geology & Geoinformatics of Shri. Shivaji College of Art's, Commerce & Science, Akola, in Collaboration with the Geology Departments of Sant Gadge Baba Amravati University, Amravati, organised a programme for geology students and celebrated "Earth Science Week." Under the theme of “Water Today and For the Future”. The Earth Science Week events, which generally include educators teaching Earth science activities in their schools and the general public, were concentrated online this year. As a result, competitions were also organised online. Students actively participated in this event. Various competitions were organised by the various colleges affiliated with Sant Gadge Baba Amravati University, Amravati, Department of Geology & Geoinformatics of Shri. Shivaji College of Art's, Commerce & Science, Akola hosted the photo competition.



**Sant Gadge Baba Amravati University Geology Association,
Amravati**

On the occasion of Earth Science Week -2021

“Water Today and For the Future”

11 - 14 October, 2021

**Jointly Celebrating by Department of Geology
of**

Sant Gadge Baba Amravati University, Amravati
Shri Shivaji College of Arts, Commerce and Science, Akola
Shri Shivaji Science College, Amravati
Bharatiya Mahavidyalaya, Amravati
Arts, Science and Commerce College, Chikhaldara
G.S. Tompe Arts, Commerce, Science College, Chandur Bazar
Ghulam Nabi Azad Arts, Commerce & Science College, Barshitakli

Day 1: 11 Oct, 2021 Time: 10:30 am	Inauguration of Earth Science Week -2021
	Chief Guest & Inaugurator Hon'ble Dr. Rajesh S. Jaipurkar, Principal, Arts, Science and Commerce College, Chikhaldara Former - Pro-Vice Chancellor, Sant Gadge Baba Amravati University, Amravati
Time: 01:00 pm	Quiz Competition
Day 2: 12 Oct, 2021	Photo Competition & Slogan Competition
Day 3: 13 Oct, 2021	Seminar Competition
	Essay Competition
	Poster Competition
Day 4: 14 Oct 2021	Guest Lecture & Valedictory Ceremony
	Chief Guest & Resource Person

Time: 12:00

Mr. Rahul Shende
Sr. Scientist, Central Ground Water Board, CR, Nagpur.

Participant Registration Link: <https://forms.gle/SpxJcenfo75phPnA8>

Join the Telegram Group: <https://t.me/joinchat/izi6GNQZ0uViZDI>

Our Patron

Dr. S. F. R. Khadri, Professor & Head, Sant Gadge Baba Amravati University, Amravati

Prin. Dr. R. S. Jaipurkar, Arts Science and Commerce College, Chikhaldara

Prin. Dr. A. G. Vaidya, Bharatiya Mahavidyalaya, Amravati.

Prin. Dr. G. N. Choudhary, Shri Shivaji Science College, Amravati.

Prin. Dr. R. M. Bhise, Shri Shivaji College, Akola.

Prin. Dr. R. S. Ramteke, G.S. Tompe College, Chandur Bazar.

Prin. Dr. M. R. Pawar, Ghulam Nabi Azad Arts, Commerce & Science College, Barshitakli.

Convener

Dr. S. V. Kulkarni, Professor & Head, Bharatiya Mahavidyalaya, Amravati

Dr. Y. K. Mawale, Associate Professor, Sant Gadge Baba Amravati University, Amravati.

Dr. P. S. Parimal, Assistant Prof. & Head, G.S. Tompe College, Chandur Bazar

Dr. M. M. Deshmukh, Assistant Prof. & Head, Shri Shivaji Science College, Amravati

Dr. G. D. Gaikwad, Assistant Prof. & Head, Shri Shivaji Science College, Akola

Dr. R.S. Mankar, Assistant Prof., Arts Science and Commerce College, Chikhaldara

Dr. S. S. Deshmukh, Assistant Prof. & Head, Ghulam Nabi Azad College, Barshitakli.

Co-ordinator

Mr. P. S. Tidke, Associate Professor, Sant Gadge Baba Amravati University, Amravati

Dr. S. D. Ingle, Assistant Professor, G.S. Tompe College, Chandur Bazar

Dr. S. R. Warghat, Assistant Professor, Bharatiya Mahavidyalaya, Amravati

Mr. S. G. Paunikar, Assistant Professor, Shri Shivaji Science College, Amravati

Mr. P. M. Giri, Assistant Professor, Shri Shivaji College, Akola

Organising Secretary

Dr. P. S. Ingle, Assistant Professor, G.S. Tompe College, Chandur Bazar.
Mr. M. D. Phalke, Assistant Professor, Shri Shivaji Science College, Akola.
Dr. T. R. Patil, Assistant Professor, Ghulam Nabi Azad College, Barshitakli.

Contact on:

Email Id - geoassociationsgbau@gmail.com

[Dr. P.S. Parimal-9860030565](tel:9860030565) [Dr. G. D. Gaikwad- 9156742797](tel:9156742797) [Dr. R.S. Mankar- 9923365299](tel:9923365299)
[Dr. S. R. Warghat -9309979438](tel:9309979438) [Mr. S.G. Paunekar-9527069029](tel:9527069029) [Dr. S.S. Deshmukh- 9822924449](tel:9822924449)

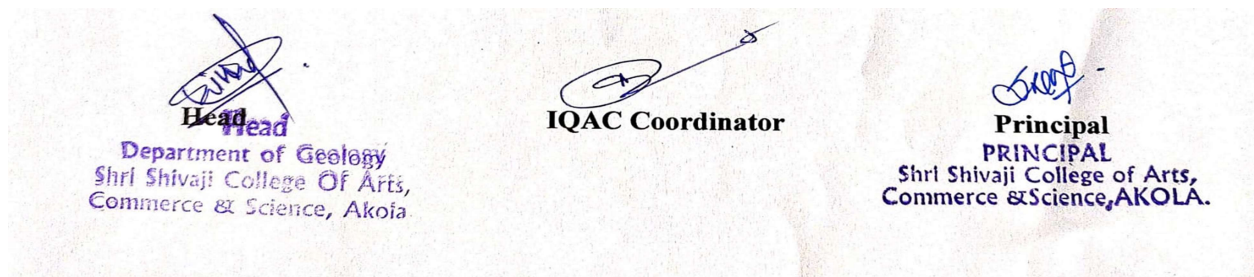
Earth Science Week - 2021 Activity

Day 1: 11 Oct 2021 Time: 10:30 am	Inauguration Zoom Meeting Link:
	<p>Zoom Meeting link:</p> <p>https://us02web.zoom.us/j/82805901622?pwd=aE40eHYvQWZINHpGUlhFY0lrUkcxZz09</p> <p>Meeting ID: 828 0590 1622 Passcode: geology</p>
	<p>Quiz Competition</p> <p>Quiz Link: https://forms.gle/hxe5fpAk3GDJx4Nf6</p> <p>Note:</p> <ol style="list-style-type: none">1. Quiz is of MCQ type.2. Quiz will be for 30 minutes.3. Quiz link will be open on 11th October at 1pm.4. Quiz are of 30 MCQ.
	<p>Photo Competition</p> <p>Photo Upload Link: https://forms.gle/RkQK6kWfXkHYTv4n8</p> <p>Note:</p> <p style="text-align: center;">Self Suit Photograph of Water fall, Water body and Geological structures of Amravati Region.</p>

<p>Day 2: 12 Oct 2021</p>	<ol style="list-style-type: none"> 1. It should be Geo coded Photographs with place, date and time. 2. For Geo coding use NOTECAM or GPS Map camera application. 3. Photographs must be clear. 4. Upload photographs in JPEG/IMG/PDF format.
	<p>Slogan Competition Slogan upload link: https://forms.gle/R7axB7vZTsYVMeHy5</p> <p>Note: Slogan Theme - “Water Today and For the Feature”, Save Earth, Enviermental and Water Conservation etc.</p> <ol style="list-style-type: none"> 1. Slogan should be in specific word in English, Hindi and Marathi language.
<p>Day 3: 13 Oct, 2021</p>	<p>Seminar Competition Seminar upload Link: https://forms.gle/xcBzf8Dw819jJ4VZA</p> <p>Note: Seminar topic- “Water Today and For the Feature” or “Water Conservation”</p> <ol style="list-style-type: none"> 1. Online Seminar presentation must in PPT. 2. Seminar presentation time is 8 min. (6 mins - for presentation + 2 mins – for question answering) 3. Submit PPT before online presentation.
	<p>Essay Competition Essay upload Link: https://forms.gle/bxutErLpkkQsFSCH6</p> <p>Note: Essay on topic - “Water Today and For the Feature”</p> <ol style="list-style-type: none"> 1. Essay word limit is upto 1000 words in English, Hindi and Marathi language. 2. hand written and typed essay manuscript submit on or before 13/10/2021.
	<p>Poster Competition Poster upload Link: https://forms.gle/PMvtrygxlsZjPDuU9</p>

	<p>Note: Make Poster on “Water Today and For the Features.” or “Water Conservation” 1. Upload Poster in JPEG/IMG/PDF/PPT format</p>
<p>Day 4: 14 Oct, 2021 Time: 12:00</p>	<p style="text-align: center;">Guest Lecture & Valedictory Ceremony</p> <p>Zoom Meeting link: https://us02web.zoom.us/j/82805901622?pwd=aE40eHYvQWZINHpGUlhFY0lrUkcxZz09 Meeting ID: 828 0590 1622 Passcode: geology</p>

Note: E-certificate for participation will be provided only to those who will register, attend and fill up the Feedback Form. (Separate certificate for each activity will be provide).



Shri Shivaji College of Arts commerce and Science, Akola Department of Geology

Report on online event "*Travel to Spacecraft and Satellites*"

Session 2020-2021

On the occasion of National Science Day, Department of Geology, Shri Shivaji College of Arts, Commerce and Science, Akola organized an online event "Travel of spacecraft and satellites" on dated 27 February 2021. Under the guidance of Hon. Harshvardhanji Deshmukh, President, Shri. Shivaji Shikshan Sanstha, Amravati in collaboration with Agastya International Foundation as well as District Education and Training Institute, Amravati for primary to secondary students of state. The online session was inaugurated by Hon. Dr. R.M. Bhise, Principal, Shri. Shivaji College of Arts, Commerce and Science, Akola, while Mr. Milind Kubde, Principal, District Education and Training Institute, Amravati was the President of the program. On behalf of District Education and Training Institute, Amravati, Hon. Vinayak Tathod address the session. Mr. Amol Namjoshi of Agastya International Foundation was the Chief Guest at the event.



AGASTYA
INTERNATIONAL FOUNDATION
SUPPORTED BY R. JHUNJHUNWALA FOUNDATION & OTHERS

SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE & SCIENCE, AKOLA

Invite you all to Explore the world of Space through Brilliant Models

सफर अवकाश यान व उपग्रहांची

FEBRUARY 27, 2021
01:00 PM ONWARDS

[https://us02web.zoom.us/j/87210520087?](https://us02web.zoom.us/j/87210520087?pwd=bUJkZmEyTFdhNzA5VVFvejBNZG1zQT09)
pwd=bUJkZmEyTFdhNzA5VVFvejBNZG1zQT09
Meeting ID: 872 1052 0087 Passcode: 758112



1:30 VoWi 4G LTE1

arya 853 and arnav 852 jadhav left

Zoom

REC

Deepak Deshmukh

Rameshwar Bhise

Leave

The entire online event is planned under the guidance of Dr. Ashish Raut (IQAC Coordinator, Shri Shivaji College, and Akola). The program anchoring done by Mr. Sameer Mule from Agastya Foundation. Shri Ganesh Gaikwad, Head, Department of Geology introduced and highlighted the program concept and theme, Mr. Sohan Pawar gave a lecture on Travel of spacecraft and satellites and India's space research Programme. For this event, Mr. Pavankumar Giri, Shri. Deepak Deshmukh, Mr. Mahesh Falke and Regional District Head of Agastya Foundation handled the technical side of the program. Students and parents from all over the state were involved in this program.

दिव्य मराठी दिव्य सिटी

अक्षांश, खंभुद्वारा, १ मार्च २०२१ | पृष्ठ क्र. २. १ शके १९८९

‘शिवाजी’मध्ये सफर अवकाश यान व उपग्रहांची

प्रतिनिधी । अकोला

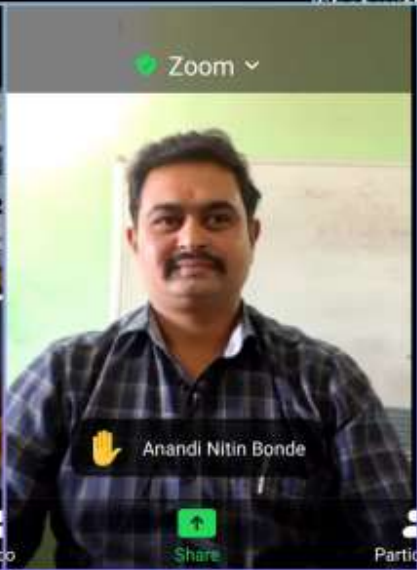
अगस्ता इंटरनेशनल फाउंडेशन, जिल्हा शिक्षण व प्रशिक्षण संस्था, अमरावती आणि श्री शिवाजी कला, वाणिज्य व विज्ञान महाविद्यालय अकोला यांच्या संयुक्त विद्यमाने राष्ट्रीय विज्ञान दिवसाचे औचित्य साधून शालेय विद्यार्थ्यांकरिता शनिवारी, २७ फेब्रुवारीला ऑनलाईन सत्र घेण्यात आले.

श्री. शिवाजी शिक्षण संस्थेचे अध्यक्ष हर्षवर्धन देशमुख यांच्या मार्गदर्शनाखाली या कार्यक्रमाचे उद्घाटन श्री शिवाजी महाविद्यालयाचे प्राचार्य डॉ. आर. एम. भिसे यांच्या हस्ते करण्यात आले. प्राचार्य मिलिंद कुबडे



या कार्यक्रमाच्या अध्यक्षस्थानी होते. विनायक ताथोड यांनी मार्गदर्शन केले तर कार्यक्रमाला प्रमुख अतिथी म्हणून अगस्ता इंटरनेशनल फाउंडेशनचे अमोल नामजोशी हे होते. या संपूर्ण ऑनलाईन कार्यक्रमाचे नियोजन हे डॉ. आशिष राऊत यांच्या मार्गदर्शनाखाली करण्यात आले. कार्यक्रमाचे संचालन समीर मुळे यांनी केले. कार्यक्रमांमध्ये

भूगर्भशास्त्र विभागाचे विभागप्रमुख गणेश गायकवाड यांनी प्रास्ताविक केले तर प्रा. सोहन पवार यांनी उपग्रह व भारताची अवकाश संशोधनातील भरारी विषयावर व्याख्यान दिले. यासाठी प्रा. पवनकुमार गिरी, दीपक देशमुख, प्रा. महेश फलके आदींनी तांत्रिक बाजू सांभाळली. राज्यभरातून विद्यार्थी व पालक जोडले गेले.



- Santadnya Subhash Gaw...
- BJ Bheema Jaiswal
- AY Aarti Yadav
- Rameshwar Bhise (Co-host)
- Arati Dhanawade (Co-host)
- DA Dr Ashish Raut (Co-host)
- GG Ganesh Gaikwad (Co-host)
- Pavankumar Giri (Co-host)
- TS Tejal Shetve (Co-host)

Shivaji College holds online event on 'Travel of spacecraft, satellites'

■ District Correspondent
AKOLA, Mar 1

"TRAVEL of spacecraft and satellites", an online event, was organised at Shri Shivaji College of Arts, Commerce and Science on the occasion of National Science Day.

The event was organised under the guidance of Harshvardhan Deshmukh, President of Shri Shivaji Shikshan Sanstha, Amravati, in collaboration with Agastya International Foundation as well as District Education and Training Institute, Amravati, for primary and secondary school students.

The online session was inaugurated by Dr R M Bhise, Principal, while Milind Kubde, Principal, District Education and Training Institute, presided over. On behalf of District Education and Training Institute, Amravati, Vinayak Tathod addressed the session. Amol Namjoshi of Agastya International Foundation was the chief guest



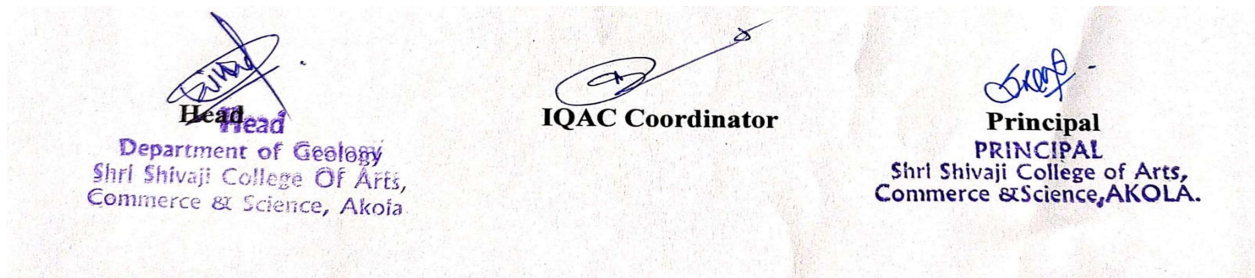
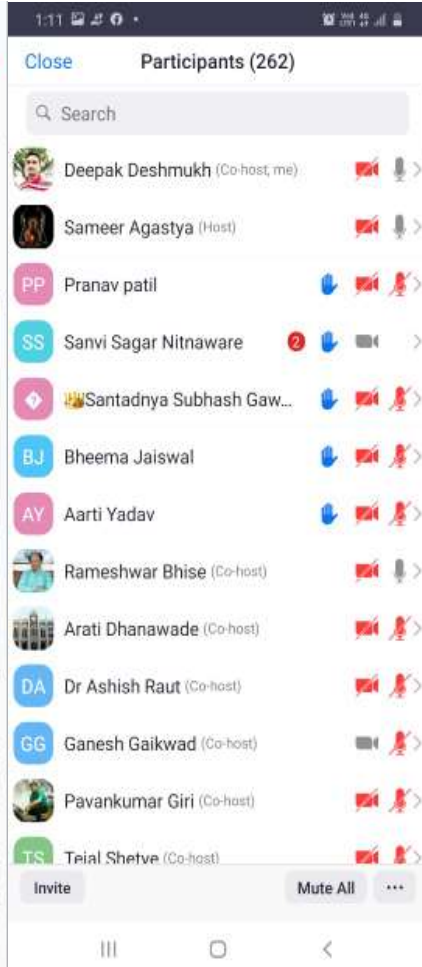
Glimpses of the online event held at Shri Shivaji College Akola.

of the event.

The entire online event is planned under guidance of Dr Ashish Raut, IQAC Coordinator. The programme was conducted by Sameer Mule from Agastya International Foundation. Ganesh Gaikwad, Head of the Department of Geology, introduced and highlighted the programme concept

and theme. Sohan Pawar delivered a lecture on 'Travel of Spacecraft and Satellites' and India's space research programme.

Pawankumar Giri, Deepak Deshmukh, Mahesh Falke and Regional District Head of Agastya Foundation handled the technical presentations.



Head
Department of Geology
Shri Shivaji College Of Arts,
Commerce & Science, Akola

IQAC Coordinator

Principal
PRINCIPAL
Shri Shivaji College of Arts,
Commerce & Science, AKOLA.

Shri Shivaji Science College of Arts, Commerce and Science, Akola
The Department of Geology and Geoinformatics
“Online Poster Competition”

The Department of Geology and Geoinformatics of Shri Shivaji College of Arts, Commerce and Science, Akola organized the “Online Poster Presentation Competition” for the Post graduate and undergraduate students on 14th May 2021 dated. The students were submitted their posters within 9th May to 14th May 2021. The theme of this completion was relating to the subject Geology and Geoinformatics. Almost all the students successfully participated in this competition and tried their best to present a good poster. A poster competition is a temporary promotion of an idea, product, or event put up in a public space for mass consumption. Typically, posters include both textual and graphic elements, although a poster may be either wholly graphical or wholly text. The students have been designed eye-catching and informative posters. When designing a poster, plan its design carefully and short amount of time to attract and hold their readers and viewer’s attentions.

This competition enables students to share the results of projects that they have performed. A poster is a temporary promotion of an idea, product, or event put up in a public space for mass consumption. Typically, posters include both textual and graphic elements, although a poster may be either wholly graphical or wholly text. Posters are designed to be both eye-catching and informative.

The posters were online submitted to the Department. This competition helped students in order to enhance their knowledge and skills about the subject as well as to improve their communication skills. The another reason to held this competition is the best advantage of poster making is that which will facilitates team work and understanding along with facilitating creative thinking and extensive research and reading. It provides students with an opportunity to learn by doing, in turn strengthening the learning. Students are able to visually represent the key points and while presenting elaborate on the same which facilitates their retention and recall of events and facts. Poster making and presentation is also an effective tool for evaluating the students’ knowledge and creates opportunities for active discussion and participation. Be it the traditional posters or technologically advanced computer presentations, poster making and presentations can actively engage students in their learning process.

Hon. Pricipal, IQAC Coordinator, Head of Geology Department and Faculty members of Geology Department were scrutinied and judged the Poster Competition.

The Following students were selected for prize:

First Prize: Prajakta Subhash Bahekar

Second Prize: Satyam Gajanan Raut

Third Prize: Sagar Dilip Mahalle



Shri Shivaji Education Society, Amravati

**SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND
SCIENCE, AKOLA (MS)**

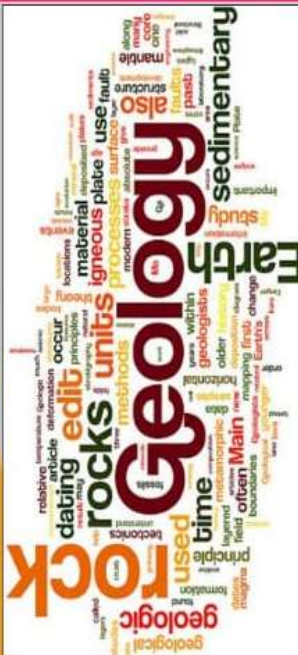
NAAC Reaccredited with "A" Grade (CGPA 3.24)
College with Potential for Excellence [Status by UGC]
Lead College [Status by SGB, Amravati University, Amravati]
DST – FIST Support



Poster Presentation for B. Sc Geology and M.Sc. Geoinformatics Students
By,
Department of Geology & Geo-informatics with IQAC



E-Certificates will be
awarded to all successful
participants



Dear students,

Department of Geology and Geoinformatics with IQAC wish to relieve stress and spread happiness in our students. We always assured about enhancement of Geology and Geoinformatics subjects knowledge along with creativity during this lockdown period. Hence, we wish to organize online Poster Presentation on Geology and Geoinformatics subject themes.

- You can choose any topic related to Geology and Geoinformatics subject for poster.
- You can design poster by hand drawing or in digital form.
- Digital Poster should not contain just downloaded image from online sources.
- Minimum size for poster is A4 paper and Maximum size 1x 1 mtr.
- Your Name, Class, College Name should be clearly mention at right side of poster.

Register and submit on or before 14th may 2020 by using
following link:

https://docs.google.com/forms/d/e/1FAIpQLSfhbybPzT9_upXNPDK2us2-77XhthfgdZ_dS81g8WbTI7ZFkRQ/view_form?vc=0&c=0&w=1

Organizer

Dr. R. M. Bhise
Principal

Dr. A. S. Raut
IQAC Coordinator

Mr. G. D. Gaikwad
Asst. Professor & Head
Dept. of Geology & Geoinformatics

Mr. M.D. Phalke
Asst. Professor
Dept. of Geology & Geoinformatics

You can contact us for any queries and submit your poster picture in
jpeg format on following contacts/ whats app number

Mr. Ganesh Gaikwad- +91 9156742797,

Mr. Mahesh Phalke: +91 7981245777,

email id: geoshivajiakola20@gmail.com

Brochure of Event



Shri Shivaji Education Society, Amravati's
**SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE,
AKOLA (MS)**

NAAC Reaccredited with "A" Grade (CGPA 3.24)
College with Potential for Excellence [Status by UGC]
Lead College [Status by SGB, Amravati University, Amravati]
DST – FIST Support



Certificate of Participation

This is to certify that Dr/Mr/Ms. *Snehal Gajanan Sapkal* has participated in "*Online Poster Competition 2020-Earth Sciences*" from 9th to 14th May 2020. Organized by Department of Geology & Geo-informatics with IQAC, Shri Shivaji College of Arts, Commerce and Science, Akola 2020.

Mr. G. D. Gaikwad
Head & Assistant Professor,
Dept. of Geology & Geo-info.

Mr. M. D. Phalke
Assistant Professor
Dept. of Geology & Geo-info

Dr. A. S. Raut
Coordinator, IQAC

Dr. R. M. Bhise
Principal

Sample Certificate Format

Head
Department of Geology
Shri Shivaji College Of Arts,
Commerce & Science, Akola

IQAC Coordinator

Principal
PRINCIPAL
Shri Shivaji College of Arts,
Commerce & Science, AKOLA.

**Shri Shivaji Science College of Arts, Commerce and
Science, Akola**

The Department of Geology and Geoinformatics

Report On

“Satellite Model Exhibition”

The Department of Geology and Geoinformatics of Shri Shivaji College of Arts, Commerce and Science, Akola organized the “**Satellite Model Exhibition**” for the graduate and postgraduate students during 23rd to 25th December 2020. The theme of these competition was “**From Waste to Best**” relating to the subject Geology and Geoinformatics and importance of GIS and Remote Sensing in space technology.

The students have been successfully participated in this competition and tried their best to present a good model. “A Satellite Model Exhibition” competition is a temporary promotion of an idea, product, or event put up in a public space for mass consumption. Typically, models include both visual and graphic elements, although a model may be either wholly practical. Models are designed to be both eye-catching and informative. The main function of a model is to capture a moving audience with a message. When designing a model many aspects of it should be considered carefully. The students are motivated for think about the one aspect of the information that must convey the message and plan your design around that. The Model Exhibition is for graduate and undergraduate students interested in high performance computing, remote Sensing and GIS field. This competition enables students to share the results of projects that they have performed. The models were presented in the premises of college and the explanation of each model were given by students. This competition helped students to express their knowledge about their area of interest in order to enhance their knowledge about the subject and to improve their communication skills. The event was also helped them to increase their confidence of public speaking. The another reason to held this competition is the best advantage of model making is that it facilitates team work and understanding along with facilitating creative thinking and extensive research and reading. It provides students with an opportunity to learn by doing, in turn strengthening the learning. Students are able to visually represent the key points and elaborated the same which facilitates their retention and recall of events and facts. Model making and presentation is also an effective tool for evaluating the students’ knowledge and creates opportunities for active discussion and participation. Be it the traditional posters or

technologically advanced computer presentations, poster making and presentations can actively engage students in their learning process.



Hon. Harshvadhan Deshmukh, President, Shri Shivaji Education society, Amravati visited exhibition with Vice-President Hon. Nareshchandra, Thakre, Hon. Gajanan Pundkar and College Development Committee Members.



Dr. R. M. Bhise (Principal), Dr. Ashish Raut (IQAC Coordinator), Dr. Sanjay Khadkhar, Science Faculty in-charge, Dr. A. M. Raut Commerce faculty incharge visited exhibition in Department along with faculty members.


Head

Department of Geology
Shri Shivaji College Of Arts,
Commerce & Science, Akola


IQAC Coordinator



Principal
PRINCIPAL
Shri Shivaji College of Arts,
Commerce & Science, AKOLA.

शिवाजी महाविद्यालयाच्या विद्यार्थ्यांनी कॅम्पस इंटरव्ह्यूमध्ये मिळवले यश

अकोला | श्री शिवाजी महाविद्यालयाचा जिओलॉजी व जिओइन्फॉर्मेटिक्स विभागाच्या विद्यार्थ्यांसाठी विभागप्रमुख गणेश गायकवाड यांच्याकडून नामांकित कंपन्यांचे ऑनलाइन कॅम्पस इंटरव्ह्यू आयोजित केले होते. यात आठ विद्यार्थ्यांची निवड झाली आहे. सत्यम राऊत यांची मुंबई तर स्नेहा पांडे, मोहिनी जायले, शुभम घायल, पायल डोसे, भाग्यश्री नाटकर व अंकिता धर्मे यांची हैदराबादेतील कंपनीत निवड झाली आहे. गौरव फाले यांची एका स्थानिक कंपनीसाठी निवड झाली आहे. प्राचार्य डॉ. आर. एम. भिसे, आय क्यु.ए.सी. कोऑर्डिनेटर डॉ. आशिष राऊत, डॉ. जी. व्ही. कोरपे, प्लेसमेंट सेल समन्वयक डॉ. नितीन मोहोड यांच्या उपस्थितीत विद्यार्थ्यांचा गौरव केला. यासाठी प्रा. महेश फलके, पवनकुमार गिरी, सोहन पवार, प्रणय पाली व जयंत ठोकळ यांनी परिश्रम घेतले.



श्री शिवाजी
महाविद्यालयाने
तयार केलेल्या
रेन वॉटर
हॉर्वेस्टिंग
मॉडेलची
माहिती देताना
प्रा. गणेश
गायकवाड.

श्री शिवाजी महाविद्यालयाने केले रेनवॉटर हॉर्वेस्टिंग मॉडेल

प्रतिनिधी । अकोला

श्री शिवाजी महाविद्यालयाच्या भूशास्त्र विभागाने प्राचार्य डॉ. रामेश्वर भिसे यांच्या मार्गदर्शनात महाविद्यालयाचा स्वतःचा रेन वॉटर हॉर्वेस्टिंग प्रकल्प व त्याची संरचना विकसित केली आहे. या प्रकल्पाचे संत गाडगेबाबा अमरावती विद्यापीठाचे कुलगुरू डॉ. दिलीप मालखेडे यांनी कौतुक केले आहे.

श्री शिवाजी महाविद्यालयात विद्यापीठस्तरीय जलसंधारण मॉडेल प्रदर्शनाचे उद्घाटन कार्यक्रमावेळी कुलगुरूंची उपस्थिती होती. महाविद्यालयातील रेन वॉटर हॉर्वेस्टिंग प्रकल्पाचे सादरीकरण भूशास्त्र विभागाचे विभाग प्रमुख गणेश गायकवाड यांनी केले. सादरीकरणावेळी श्री शिवाजी शिक्षण संस्था, अमरावतीचे उपाध्यक्ष अॅड. गजानन पुंडकर, प्राचार्य केशवराव गावंडे, महाविद्यालय विकास समिती सदस्य डॉ. विठ्ठल वाघ, डॉ. एकनाथराव उपाध्ये, प्रशांत देशमुख, विद्यापीठाचे एनएसएस संचालक डॉ. राजेश बुरगे आदी प्रमुख पाहुणे म्हणून उपस्थित होते. वैशिष्ट्यपूर्ण रेन वॉटर हॉर्वेस्टिंग प्रकल्पाचे वैज्ञानिक आणि तांत्रिक समितीतील डॉ. प्रविण बर्डे, विजय लोळे, भूगर्भशास्त्रज्ञ राजीव गवई, अविनाश कुंभार यांनी मूल्यांकन आणि प्रशंसा केली. कॉलेज कॅम्पसचे जीआयएस, जिओफिजिकल आणि

जिओलॉजिकल सर्वे करून रिचार्ज ट्रेच साइट निवडली गेली. उपग्रहावर आधारित डेटाचा वापर उतार, क्षेत्राच्या समोच्च सीमांकनासाठी केला गेला, तर भू-भौतिकीय सर्वेक्षण भूस्तराखाली असलेल्या खंडकाच्या स्तराविषयी माहिती घेण्यात आली. सविस्तर भूवैज्ञानिक आणि भूगर्भ शास्त्रीय अभ्यासामुळे महाविद्यालयाच्या परिसरातील हायड्रोजियोलॉजिकल परिस्थिती आणि रिचार्ज साइट्सच्या योग्यतेबद्दल पुष्टी करण्यात आली. कॉलेज कॅम्पसच्या उत्तर-पश्चिम भागात नुसता खड्डा न खोदता १०० फूट x ४.५ फूट x १० फूट आकाराचे लांब व नैसर्गिक उताराला आडवे रेन वॉटर हॉर्वेस्टिंग खंदक तयार करण्यात आले. भूपृष्ठावरील पाणी आणि छतावरील पावसाच्या पाण्याचे सर्व प्रवाह कॅम्पसच्या ११४६१ चौरस मीटर पाणलोटानून गोळा केले गेले आणि पीव्हीसी पाइपसह भूजल रिचार्ज खड्ड्यांमध्ये वाहून नेले. भूजल पुनर्भरण वाढवण्यासाठी रचना करण्यात आली. या प्रकल्पात भूजलाची साठवण व वहन क्षमतेचा विचार करण्यात आला. प्रकल्पाच्या यशस्वितेसाठी विभागाचे प्राध्यापक एम. डी. फलके, पी. एम. गिरी यांच्यासह जे. डी. टोकल, पी. आर. पाली आणि महाविद्यालयीन एनएसएस स्वयंसेवक, महाविद्यालयाचे प्राध्यापक आणि शिक्षकेतर कर्मचारी यांचे योगदान महत्त्वपूर्ण आहे.

Shivaji College students recruited



Selected students along with Principal Dr Bhise and other staff of Shri Shivaji College, Akola.

■ District Correspondent

AKOLA, Sept 3

FLYVIEW GIS Technology Pvt Ltd organised campus interview for students of the Department of Geology and Geoinformatics of Shri Shivaji College, here the other day.

In this campus placement drive, Pooja Bajad, Ashwini Khadse, Meera Kale, Mayuri Pawar, Shubham Ghayal, Gayatri Gawande, Payal Dose and Ashwini Pawar, students from the department were selected in final round for the post of GIS Engineer.

All these successful students were honored by the Principal, Dr R M Bhise, Dr Ashish Raut (IQAC Coordinator) and Dr Nitin Mohod (Placement Cell Coordinator). The successful students were also congratulated by the management, all teaching and non-teaching staff of the college. For successful organisation of the campus placement drive, the faculty members of department Prof Mahesh Falke, Prof Pawan Kumar Giri and Flyview GIS Technology Pvt Ltd, Praveen Panditkar, Team Coordinator Govind Padvi, Jayant Thokal and Suraj Satpute took

efforts.

The college has been consistently providing skill-based education and training to their students under the guidance of College Principal Dr R M Bhise and Ganesh Gaikwad, Head, Department of Geology and Geoinformatics and Dr Aniket Borgaonkar, Director.

The Department regularly organises online guest lectures, satellite models and demonstrations of precious minerals, various professional software training, 3D mapping, field work, etc to enhance students job oriented knowledge and skill.

जैविक प्रक्रियेमुळे बदलला लोणार सरोवराच्या पाण्याचा रंग

श्री शिवाजी महाविद्यालयाच्या संशोधकांचे मत : घाबरण्याचे कारण नाही, दमदार पावसानंतर स्थिती होणार पूर्ववत

सकाळ वृत्तसेवा

अकोला, ता. १० : जग विख्यात लोणार सरोवरातील पाणी लाल झाल्याचे वृत्त सकाळमध्ये प्रसिद्ध होताच अकोला येथील श्री शिवाजी महाविद्यालयातील भूगर्भशास्त्र व रसायनशास्त्र विभागाच्या अभ्यासू प्राध्यापकांनी लोणार येथे धाव घेत अभ्यास सुरू केला आहे. प्राथमिक अभ्यासानुसार सरोवराचे पाणी लाल होण्यामागे पूर्ण जैविक प्रक्रिया करणीभूत आहे. पाण्याचा हा लाल/गुलाबी रंग पावसाचे पाणी सरोवरात मिसळल्यानंतर हळू हळू कमी होऊन पूर्ववत होऊ शकते त्यामुळे घाबरण्याचे काहीही कारण नाही, असे मत अकोल्याच्या श्री शिवाजी महाविद्यालयातील अभ्यासकांनी व्यक्त केले आहे. तथापि याविषयी पुढील संशोधन झाल्यानंतर आवश्यक बाबींना दुजोरा मिळू शकतो.

'सकाळ' मध्ये वृत्त प्रकाशित झाल्यानंतर अकोल्याच्या श्री शिवाजी महाविद्यालयाचे प्राचार्य डॉ. रामेश्वर भिसे यांनी महाविद्यालयातील अभ्यासू प्राध्यापकांना थेट लोणार सरोवरावर अभ्यासासाठी पाठविले. त्यानुसार भूगर्भशास्त्र विभागाचे प्रमुख डॉ. गणेश नायकवाड व रसायनशास्त्र विभागाचे डॉ. गजानन कोरेपे यांनी लोणार सरोवराचा नव्याने अभ्यास सुरू केला आहे.



दरम्यान, लोणार सरोवर हे जगातील बेसाल्ट खडकातील खार्या पाण्याचे दख्खनच्या पठारावरील उल्कापातामुळे तयार झालेले एकमेव सरोवर आहे. जैवविविधतेने परिपूर्ण सरोवराचा परिसर नेहमीच संशोधक तसेच पर्यटकांकरिता कुतुहलाचा विषय राहिलेला आहे. मग ते सरोवराच्या निर्मिती संदर्भातील असो किंवा त्यामध्ये भेटणार्या जीवश्रुति विषयी असो. मागील काही दिवसांपासून सरोवराचे नेहमी हिरवेगार दिसणारे पाणी हे गडद गुलाबी दिसावला लागले आहे. यामागे बरेच तर्क लावले

जात आहेत व सरोवराच्या परिघेवर्तील नागरिकांमध्ये बराच संभ्रम निर्माण झाला आहे. यामागे काही भूशास्त्रीय घटना जसे की संभावित ज्वालामुखीचा उद्रेक, भूकंप किंवा इतर काही भूगर्भातील हालचालींचा तर यामध्ये समावेश नाही असाण प्रश्न विचारल्या जात आहे. सध्यास्तीतीत तलावाची पाहणी केली असता अशी कोणताही भूशास्त्रीय घटना सरोवराचे पाणी गुलाबी होण्यामागे दिसत नाही. सरोवराच्या परिसरामध्ये असलेला लाल गेरू जो दोन खडकांच्या धरांच्या मध्ये लालसर

मातीसारखा दिसतो त्यामधून भूजल प्रवाह सरोवराच्या पाण्याला मिळून सरोवराचे पाणी लाल झाले असावे असा सुद्धा काही नगरीकांकडून कयास बांधल्या जातोय. परंतु सदर भूजल प्रवाह हे भाजलेल्या मातीच्या स्तरांमधून येतात व त्यामधून याप्रकारचे रंग पाण्यामध्ये सहसा मिसळत नाहीत तसेच सरोवराच्या परीघ क्षेत्रातील व आजूबाजूच्या परिसरामध्ये बेसाल्ट खडक आढळतो या खडकांमध्ये पाण्याला असा रंग देणारी खनिजे नाहीत किंवा जी खनिजे बेसाल्ट खडकांमध्ये भेटतात ती सहज पाण्यामध्ये खडकातून विघटित होत नाहीत.

सरोवराचे पाणी लाल होण्यामागे पूर्ण जैविक प्रक्रिया करणीभूत आहे. सध्यास्थिती मध्ये सरोवराच्या पाण्याची पीएच ही 10.5 एवढी आहे व पाण्याची क्षारता ही समुद्राच्या पाण्यापेक्षा जास्त आहे. अश्याच प्रकारचे खारे पाणी असलेले अस्ट्रेलिया मधील लेक हिलोयर, स्पेन मधील Las Salinas de Torrivieja तसेच रशिया मधील Sivash salt Lagoons हे काही गुलाबी पाण्याचे सरोवरे आहेत. काही संशोधनामध्ये असे आढळून आले आहे की अश्या सरोवरांच्या

पाण्यातील या विशेषतेमुळे Dunaliella salina ही halophile green micro-algae प्रवर्गातील समुद्र क्षारयुक्ता पाण्यामध्ये मिळणारी अल्गि या पाण्यामध्ये मिळते. ज्यामिसेस पाण्यामध्ये बाष्पीभवन जास्त होते व पाण्यामध्ये क्षाराचे प्रमाणजास्त होते तसेच दमट हवामानामुळे ही अल्गि अन्न व ऊर्जा तयार करताना प्रकाशाच्या विसीबल रोजन मध्ये लाल/नारंगी लहरी सोडून इतर सर्व प्रकाश वापरल्या जातो व याप्रकारे अल्गिद्वारे न वापरलेले प्रकाश लहरी गुलाबी रंगत दिसते. म्हणून अश्याच प्रकारची अल्गि सरोवराच्या पाण्यात असली व पाण्याचा रंग हा गुलाबी दिसत असावा असा अंदाज आहे. पाण्याचा हा लाल/गुलाबी रंग पावसाचे पाणी सरोवरात मिसळल्यानंतर हळू हळू कमी होऊन पूर्ववत होऊ शकते त्यामुळे घाबरण्याचे काहीही कारण नाही असे भूगर्भशास्त्र व रसायनशास्त्र विभाग, श्री शिवाजी महाविद्यालय, अकोला यांच्या प्राध्यापकांच्या वतीने सांगण्यात आले. तरी याविषयी पुढील संशोधन झाल्यास या बाबींना दुजोरा मिळू शकतो.

श्री शिवाजी महाविद्यालयाच्या जिओइन्फॉर्मेटिक्स विभागाचे यश विद्यार्थ्यांची कॅम्पस इंटरव्ह्यूमध्ये भरारी

मातृभूमि वृत्तसेवा

। अकोला, दि. २ ।

येथील श्री शिवाजी महाविद्यालयाचा जिओलॉजी व जिओइन्फॉर्मेटिक्स विभाग महाविद्यालयाचे प्राचार्य डॉ. आर. एम. भिसे यांच्या मार्गदर्शनाखाली सातत्याने आपल्या विद्यार्थ्यांना कौशल्याधारित व व्यवसायाभिमुख शिक्षण व प्रशिक्षण देत असतो. या करिता विभागांमध्ये गेस्ट लेक्चर, सॉटेलाइट मॉडेल व मौल्यवान खनिजांचे प्रदर्शन, विविध व्यावसायिक सॉफ्टवेअर ट्रेनिंग, ३D मॉडेलिंग, फील्ड वर्क अश्या प्रकारचे उपक्रम विभाग राबवित असतो.

जिओलॉजी

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जिओइन्फॉर्मेटिक्स विभागातून शिक्षण घेतलेल्या विद्यार्थ्यांपर्यंत नवीन नोकरीच्या संधी पोहचव्या या करिता जिओलॉजी व जिओइन्फॉर्मेटिक्स विभागप्रमुख प्रा.गणेश गायकवाड व Flyview GIS Technology Pvt. Ltd. चे डायरेक्टर डॉ. अनिकेत बोरगावकर यांच्याकडून विद्यार्थ्यांकरीता या ऑनलाइन कॅम्पस इंटरव्ह्यू आयोजित करण्यात आले होते ज्यामध्ये विभागातील एकूण आठ विद्यार्थ्यांची निवड झाली आहे. पूजा बाजड, अश्विनी

खडसे, मीरा काळे, मयूरी पवार, शुभम घायल, गायत्री गावंडे, पायल डोसे व अश्विनी पवार या विद्यार्थ्यांची GIS Engineer या पदाकरीता Flyview GIS Technology Pvt. Ltd. या कंपनीमध्ये निवड झाली आहे.

सदर सर्व यशस्वी विद्यार्थ्यांचा गौरव महाविद्यालयाचे प्राचार्य मा. डॉ. आर. एम. भिसे, डॉ. आशिष राऊत (आय क्यु.ए.सी. कोऑर्डिनेटर), प्रा. (कोऑर्डिनेटर, आर.ए.सी.) व महाविद्यालय प्लेसमेंट सेल

समन्वयक डॉ. नितीन मोहोड, यांच्या उपस्थिति करण्यात आला. तसेच महाविद्यालयाच्या सर्व प्राध्यापकांकडून यशस्वी विद्यार्थ्यांचे अभिनंदन करण्यात आले. सदर कॅम्पस इंटरव्ह्यू यशस्वीरीत्या पार पाडण्याकरिता विभागाचे प्रा. महेश फलके, प्रा. पवनकुमार गिरी तसेच Flyview GIS Technology Pvt. Ltd. चे एच. आर. प्रवीण पंडितकर, टीम कोऑर्डिनेटर गोविंद पाडवी, जयंत ठोकळ व सूरज सातपुते यांनी परिश्रम घेतले.