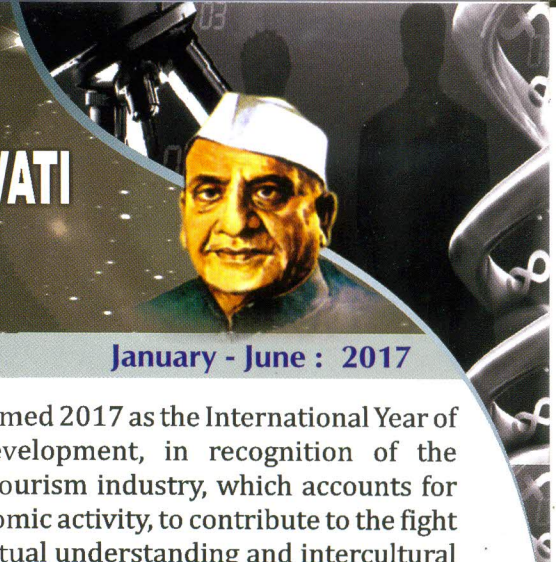




Shri Shivaji Education Society, Amravati's

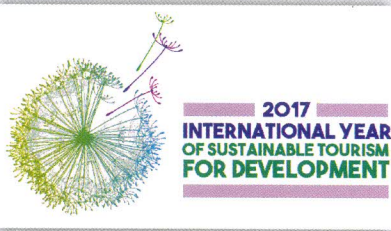
# SHRI SHIVAJI SCIENCE COLLEGE, AMRAVATI

NAAC Accredited 'A' Grade (Very Good) with CGPA 3.13  
College with Potential for Excellence



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The United Nations has proclaimed 2017 as the International Year of Sustainable Tourism for Development, in recognition of the tremendous potential of the tourism industry, which accounts for some 10% of the world's economic activity, to contribute to the fight against poverty and foster mutual understanding and intercultural dialogue, which are at the heart of UNESCO's mission

## Foundation Stone Laying Ceremony of Dr. Panjabrao Deshmukh Memorial Science and Innovation Activity Centre (SIAC)



### Foundation Stone Laying Ceremony of Dr. Panjabrao Deshmukh Memorial Science and Innovation Activity Centre (SIAC)

The foundation stone of Dr. Panjabrao Deshmukh Memorial Science and Innovation Activity Centre (SIAC) was laid on an auspicious note at the hands of the former chairman, Atomic Energy Commission (AES), Government of India and the renowned scientist **Dr. Anil Kakodkar** on 1st March, 2017.

The science centre is being established by Shri Shivaji Education Society, Amravati with the sponsorship of Rajiv Gandhi Science and Technology Commission, Government of Maharashtra "The science and technology development would lead the nation towards overall progress in all walks of life", were the inspiring

words of Dr. Kakodkar. The program was chaired by the President of Shri Shivaji Education Society, Amravati Hon'ble Adv. Arunbhau Shelke. Dr A. S. Manekar, Director-General, National Council of Science Museum, Kolkata was the chief guest on this occasion. Among the other guests on the dais were Dr. S. M. Khened, Director, Nehru Science Centre Mumbai, Dr. S. P. Pathak, Curator-F, Nehru Science Centre, Mumbai, Dr. V. K. Menon, Technical Officer, Nehru Science Centre, Mumbai, Dr. Arun Sapre, the member secretary, Rajiv Gandhi Science and Technology Commission, Dr. Narendra Deshmukh, Scientific Officer, Homi Bhabha Science Education Centre, Mumbai, Dr. Suresh Thakare, Vice-president, Shri Shivaji Education Society, Amravati, Shri Mahadeorao Bhuibhar, Vice-president, Shri Shivaji Education Society, Amravati, Prof. V. G. Bhamburkar, Secretary, Principal Dr. V. G. Thakare, alongwith Prof Arun Sangole and Prof. Arvind Mangle, two of the co-opted members of our education society. In his presidential speech, Hon'ble Adv. Arunbhau Shelke expressed the fulfillment of the dreams of the great visionary, the first union agriculture minister Late Dr. Panjabrao Deshmukh. His words were, 'I am very satisfied to have this centre being established in the tenure of present executive body'. The society has donated 2.5 hectare land for building the science centre



I Q A C N E W S L E T T E R

campus and will bear 25% of the total expenditure for the construction and other developmental issues.

On this occasion, the life members of the society, principals of various colleges, professors and staff members of S.G.B.A.U, Amravati, school head-masters, teachers, non-teaching staff, students and elite citizens of the city were present. The function was anchored by Dr. Kishor Fule and Prof. V. G. Bhamburkar proposed the vote of thanks.

### IQAC - Popular talk

Under the chairmanship of honorable Adv. Arunbhau Shelke, the president, Shri Shivaji Education Society, Amravati, a popular lecture of Dr. S. M. Khened, Director, Nehru Science Centre, Mumbai was organized on 28th



February 2017. Dr. M. P. Pathak and Dr. V. K. Menon of Nehru Science Centre were the guests present on this occasion. Principal Dr. V. G. Thakare, IQAC coordinator Dr. H. S. Lunge and the coordinator Dr. Prashant Mandlik were



present on the dais. Dr. S. M. Khened asked the teachers to inculcate the interest in reading scientific literature among the students. He urged the students to develop experimental abilities and scientific attitude.

### Celebration of National Science Day-2017

In commemoration of the discovery of Raman Effect by Sir



C. V. Raman the National Science Day under the theme "Science and Technology for Specially Aabled Persons" was celebrated with great fervor and enthusiasm. On 27th February, 2017, the program was inaugurated by Dr. V.S. Deogaonkar, Principal Dr. V. G. Thakare presided over the function, and IQAC coordinator Dr. H. S. Lunge and the National Science Day program coordinator Dr. Prashant Mandlik were present on the dais. Under the Physical & Chemical Science theme about 31 models were displayed by students in this competition. 16 models from Life Science by 19 Students were there in this category. With posters from Life Sciences about twenty two students of UG and PG had participated. Children of Shri. Ganesh Das Rathi High School and Shri. Shivaji High School & Junior College, Shivaji Nagar, Amravati, visited the science exhibition on 28th February.



### Inauguration of Sir C. V. Raman Auditorium

The inauguration of Sir C. V. Raman Auditorium was held on 10th April 2017 at the hands of Sh. Bhausaheb Pundkar, Minister of Agriculture, Govt. of Maharashtra. On this occasion Adv. Arun B. Shelke, President, Shri Shivaji Education Society, Amravati and other executive members were present.



### National Statistics Day celebrated

National Statistics Day-2017 was organized jointly by the Department of Statistics and Regional Joint Director, Economics and Statistics, Amravati Region, on 29th June, on the eve of the birth anniversary of **Prof. Prasanta Chandra Mahalanobis**. The inaugural session was chaired by Adv. Arun B. Shelke, President, Shri Shivaji Education Society Amravati. The Divisional Commissioner Shri Piyush

Singh inaugurated the event and elaborated the importance of statistical data in administration. Shri Abhijit Bangar, Collector, Amravati District was the chief



guest. The Joint-Director Shri Prakash Dyare had initiated the activity. Prof. V. G. Bhamburkar, elaborated on the significance of Statistics. On this occasion two lectures were organized for students on Job Opportunities in Statistics and The Statistics Law, delivered by Dr. H. S Lunge and Mrs. Bhakare. The Principal Dr. V. G. Thakare delivered the inaugural speech. Dr. S. V. Choudhari and Sh N. S. Makeswar and Dr. U.V. Kale takes efforts to conduct the programme. The teachers of statistics of other colleges and students were present on the occasion.

#### Department of Botany-Scientific Film Show



It was organized on 27th February, 2017 in the botany laboratory. 46 students were present for the activity and they watched two films on Earth and India's Mars Mission.

#### Department of Chemistry(U.G.)-Intercollegiate Seminar Competition



This competition was organized by the department of Chemistry on 27th February, 2017 in the A.V Theatre of the

college for B.Sc II students on the topic 'Solid State'. 16 students from different colleges had participated in the competition. Dr. M. L. Narwade, Retired Professor, G.V.I.S.H., Amravati and Dr. V. M. Raut. Head, Department of Chemistry, G.V.I.S.H. Amravati judged the competition. At the end of the competition the result was declared and prizes were given to the winners such as Miss Gargi Chaudhari (First), Shri Shivaji Science College, Amravati, Miss P. R. Rekhate (Second), Shri Shivaji Science College, Akot, Miss V. N. Sharma (Third) R.L.T. Science College, Akola and Miss Megha Kotak (Third). The activity was coordinated by Dr. S. K. Rithe, Associate Professor with the help of the rest of the departmental staff members.

#### P.G.-Lecture series

In memory of Late Dr. Nilay Bhamburkar, the P.G. department of Chemistry organized a lecture series for the P.G. Students. Dr. Nandakishor Karde, Associate professor, P.G. Department of Chemistry, R.T.M. Nagpur University delivered his lectures on various topics.



#### Department of Physics-Social Activity

Students were visited to "Matoshri Vrudhashram" on 12 February 2017. During the visit students organized cleanliness drive in the Vrudhashram premises. Also, students have interacted with the old people residing there and distributed the fruits and other items for daily needs.

#### Competition on Presentation and Demonstration of Physics Experiments

This competition was organized on 27th February, 2017 in collaboration with Amravati University Physics Teachers' Association, Amravati for B.Sc I, II and III students. Total 53 students from different colleges affiliated to S.G.B. A. U. Amravati participated in the competition. The students explored and illustrated the inventive methods for understanding the principles of physics through simple, innovative and illustrative experiments.



## Department of Statistics Intercollegiate Seminar Competition

The intercollegiate seminar competition was organized on 27th February, 2017 on the eve of National Science Day on the theme "Statistics in Science and Technology". Ten Students from four colleges participated in the competition. All participants presented seminar through ppt on LCD projector. Dr. D. T. Deshmukh and Mrs. Vandana Vidhale worked as judges.



First winner was Mr. Vishal Charthad, Second prize was bagged by Ms. Manushri Choudhary of Brijlal Biyani Science College, Amravti and Ku. Bhavana Laware. The teachers and nonteaching staff took huge efforts to organize the event successfully.

## Department of Languages- Essay Writing Competition

This competition was organized to encourage the writing skills of the students and foster scientific temper among them. Every year we receive tremendous response from the students of different departments and colleges. This year the essay competition was held on 27th February 2017. The students of undergraduate and post graduate courses participated in the competition. Overall 50 entries were received from various colleges.

The topics for the essay competition were

1. The Need to Foster Scientific Temper.
2. National Saints' Attitude to Science.
3. Pradnyachakshu Gulabrao Maharaj's

### Attitude to Science

Dr Dilip Arsad evaluated the essays. After evaluation, best essays were selected for prizes. The first prize was bagged by Ms. Swapnil Wighe, a student of M.Sc. I. Ms Ujwala Pakade won the second prize. To honor the achievement of winners, college organized a Prize Distribution Ceremony on 28th February, 2017. Mementos and certificates were given to the winners at the hands of honorable Mr. S. M. Khened, Director of Nehru Science Centre, Mumbai

## Department of Zoology

### Scientific Poster Presentation Competition

This competition was organized by department of Zoology in which total twenty two students of UG and PG participated. The competition was held on 28th February, 2017. Dr. Dabhe and Dr. Kamble from S.G.B. Amravati University judged the students. The Prize winners were,

Mr. Mukund S. Fiske (B.Sc. III) FIRST, Ms. Snehal B. Dande (B.Sc.I) -- SECOND and KU. Diksha P. Gawai (B.Sc. III) - THIRD. Dr J. D. Dhote.

## Eco-tourism & Wildlife Photography

Organized a two-day residential "Nature Camp cum Workshop" at Shahanur Interpretation Centre, Narnala Wildlife Sanctuary, Akot Division of Melghat Tiger Reserve on 25-26 February, 2017. In all forty students along with faculty members of COC-EWP course actively participated



in the Nature Camp cum Workshop. During this two-day camp students enjoyed the nature walk, Narnala Fort sightseeing, Vegetation Monitoring, Bird Watching, Adventure Activities, Hands on Photography, GPS



demonstration and technical session of the workshop. The Wildlife technical session and adventure activities session were led by Wildlife and Mountaineering experts of the region Dr. Jayanat Wadatkar, Dr. Shrikant Warhekar, Mr. Susil Raut, Mr. Manish Dhakulkar and Mr. Gourav Kadu.

### Great Backyard Bird Count

Department also conducted Great Backyard Bird Count (GBBC) program on 13th February, 2017 in collaboration with Wildlife and Environment Conservation Society, Amravati. In all 25 students from the department participated. Total 82 birds were enlisted by birders during GBBC.

## Department of Environmental Science-Scientific Rangoli Competition

This competition was organized on 27th & 28th February, 2017. The theme was Science & Technology through Rangoli. Total 23 students of our college participated in the competition. Mrs. Manisha C. Mohokar & Dr. Jayashree D. Dhote had judged the skill of the students. Show was inaugurated at the hands of Prof. V.G. Bhamburkar, and in

the presence of Principal Dr. V. G. Thakare and all heads of the departments. First Prize: Ms. Gauri Shendre (M. Sc-I, EVS), Second Prize: Ms. Monali Vighe, Third Prize : Ms.Vaishnavi Deshmukh and Ms. Anagha Ghurde.



### Visit to Bamboo Garden, Wadali, Amravati

B.Sc. III, M.Sc. I & II year students visited Bamboo garden at Wadali, Amravati on 5 March 2017.

Departmental. students were taken on a visit to Solid Waste Dumping site at Sukali, Amravati, on 9th March, 2017. On 11th March, 2017 B.Sc. I year students visited Wadali lake for Ecosystem Studies.



### Water Sample Collection & Analysis

M.Sc. II year students visited various sites for water sample collection & analysis. This activity was a part of MOU between the department and Municipal Corporation, Amravati.

### Under Environmental Awareness Programme

students participated in two cycle rallies organized Dainik Bhaskar on 8th January, 2017 on the topic 'Clean India - Green India' and R.T.O. office on 14th Jan. 2 on the occasion of 'Road Safety Week'



### On the occasion of World Women's Day

Girl students & faculty members of the department participated in Walkathon organized by Amravati Gynecological Association on 8th March, 2017, under an MOU of the department.



### Department of Geology Rock and Mineral Show

This show was organized by the department of Geology on 27th & 28th February, 2017. The aim of the show was to expand the knowledge of rocks and minerals available in India. Almost all the college students and staff members attended the show. The show was inaugurated at the hands of NSD Convener Dr. Prashant Mandlik in the gracious presence of IQAC Coordinator Dr. H. S. Lunge. The staff members and the students of the department were actively engaged in the show and they introduced each and every rock and the mineral to all the visitors.

### Library-Science- Book Exhibition

The library had organized a two-day book exhibition on 27th & 28th February, 2017, especially of the reference books available in the library. The librarian explained the importance of reference book and their types to the visitors.

### Coaching Camps

The sports department had organized a special Summer Coaching Camp:

Three Swimming coaching camps were organized at Late Anant Panjabrao Deshmukh Memorial Swimming Pool of parent society, during the periods from 10th April to 5th May, 2017, 6th May to 31st May, 2017, and 1st June to 25th June, 2017, under the guidance of Dr. Subhash Gawande. Yoga Camp was organized in the college auditorium during 10th April to 9th May, 2017.

## Celebration of National Youth Day and Birth Anniversary of Rashtramata Jijau

The National Youth Day on the occasion of Birth Anniversary of Swami Vivekananda and The Birth Anniversary of Rashtramata Jijau was celebrated on 12th January 2017. Dr V. G. Thakare, Principal, was the president for the function. The guest of honour Dr. D. G. Wakade, Director, P. R. Pote Educational Society, Amravati delivered the informative speech and interacted with the students. On this occasion 48 students of junior and senior college with remarkable achievements in Games and Sports, Cultural, NCC and NSS activities at state and national level were felicitated at the hands of Dr V. G. Thakare and Dr. D. G. Wakade.



## ANNUAL SOCIAL GATHERING- SHIVOTSAV 2017

Annual social gathering "Shivotsav-2017" of the college was organized on 30th and 31st January 2017. Hon'ble Mr Pasha Patel, Ex MLC and senior agriculturist, was the inaugurator and Hon'ble Dr. Suresh Thakare, Vice-president, Shri Shivaji Education Society, Amravati, presided over the function. The other dignitaries on the dais were Hon'ble H. B. Thakare, Treasurer, Hon'ble Ad. M. K. Nana Deshmukh, Member, Prof. Arvind Mangale, Dr. V. G. Thakare, Principal, and Dr. S. P. Gawande, Convener. In this program total 55 Gold medals were sponsored to meritorious students of Junior college, UG and PG.



## Best Student Award

for the year 2016-17 was presented to

1. Ms. Aishwarya Narendra Bhatkar (12th)
2. Mr. Rajesh Vairale (B.Sc.-III) –UG(PCM)
3. Ms. Kalyani Ingale(M.Sc.-II)- PG Env. Sc.

## NCC Activities

Swachh Bharat Abhiyan was organized for cleaning of college campus on dated 16th April 2017. The principal of



the college gave the pledge of Swachh Bharat Campaign to cadets and in his speech appealed not to get involved in activities that create litter. Twenty five cadets along with sub major Singh and Patil took active participation in the Abhiyan.

On 17th April, 2017, cadets actively participated in road traffic control.

On the morning of 18th April, 2017, NCC cadets led by ANO Lt. N.H. Bansod, gave a power point presentation for the people who were in queue for reservation of railway tickets, about Cashless India and BHIM APP at Amravati Railway station. On this occasion Shri Katakale, station incharge was present.

## Faculty Achievements

**Best Teacher award for the year 2016-17 was conferred to**

1. Dr. A. S. Burghate, Associate Professor, from Department of Chemistry.



2. Shri Vinay Labade, Junior college teacher, Department of Computer Science.



3. Best Non-Teaching Staff : was presented to Shri. Ishwardas Bonde, Office staff member.



### Book published/Edited

**Dr. R. G. Jadhao** is the associate editor of UGC approved Journal of Life Sciences & International Research Journal of Science and Engineering. The Journal of Life Sciences No. is 48951, ISSN No.2320-964X (online) and 2330-7817(print).The Journal Cosmos impact factor & SJIF impact factor 4.36 & 4.23 respectively. International Research Journal of Science and Engineering, No. is 63628, ISSN No.2322-0015. The Journal Cosmos impact factor & SJIF impact factor 3.662 & 4.115 respectively.

**Dr. N. V. Bhatkar**, Associate Professor, Department of Zoology has edited the practical Zoology Book for B.Sc,I (Sem II).

**Dr.J.D.Dhote** Assistant Professor, Department of Zoology has Published 02 Practical Zoology Books, 1) Advanced Genetics and Animal Ecology for B.Sc. II (Sem IV) and Molecular Biology & Advanced Genetics for B.Sc.III (SemVI).

**Dr. G. A.Wagh** Assistant Professor, Department of Zoology has published Practical Zoology Book Life and Diversity of Non-Chordata for B.Sc,I (Sem II).

UGC, New Delhi has sanctioned the '100%Travel Grant' to Dr.G.A.Wagh for paper presentation abroad.

**Dr. Wagh** presented his research paper in the 7 th International Hornbill Conference, Kuching, Sarawak, Malaysia, 16th to 18th May 2017.

### Chaired Sessions in Conferences

**Dr. N. V. Bhatkar** chaired the session in National Conference on 'Recent Advances and opportunities in Biological Sciences' organized by Late Pundlikrao Arts, Commerce and Science, College, Shirpur (Jain) on 17th March 2017.

**Dr. G. A. Wagh** presented his research paper entitled " Spatial distribution and Habitat Choice of Two Sympatric Species of Hornbills in Vidarbha, Maharashtra, Central India" in the 7 th International Hornbill Conference, Kuching, Sarawak, Malaysia during 16th to 18th May 2017. The 7 th International Hornbill Conference witnessed the participation of 150 delegates comprising of

hornbill experts, hornbill researchers, hornbill conservators and hornbill lovers from 15 countries.

**Dr. G. A. Wagh** delivered a guest lecture on 'Status & Distribution of Sparrow in Backyard and its Conservation' on 20th March 2017 in the RDIK College, Badnera Rly.

**Dr. Sangita Ingole** was felicitated for her active participation in Walkathon on the eve of Women's Day organised by the Amravati Gynecological Association, Amravati.

**Ms. Aruna U. Kakde** chaired the session in National conference held at North Maharashtra University, Jalgaon on 23-24 January, 2017

**Mr. K. J. Gawai** was awarded the M.Phil. degree.

### Students Achievements:

#### Best Student Award

for the year 2016-17 was presented to

1. Ms. Aishwarya Narendra Bhatkar (12th)
2. Mr. Rajesh Vairale (B.Sc.-III) –UG(PCM)
3. Ms. Kalyani Ingale(M.Sc.-II)- PG Env. Sc.

#### Meritorious Students in SGBAU 2016

UG Merits		
Snehal Holey 1st Merit	Zainab Ali 6th Merit	Shamal Vasu 7th Merit
PG Merits		
Diksha Pawar, 1st Merit, Physics	Akshata Dharmapuria 1st Merit, Env. Science	Priti Tupone, 1st Merit, Bioinformatics
Pratiksha Khedkar, 2nd Merit, Env. Sc.	Nikhil orode, 2nd Merit, Bioinformatics	Pooja Mave, 3rd Merit Env. Science
Bhavarthi Satpute, 3rd Merit, Bioinformatics		

### Ph.D Awarded

**Mr. Rahul R. Kajalkar** was awarded the Ph.D. Degree completed his research work under the supervision of Dr. R.G. Jadhao, **Ku. Alka M. Vikhar** has submitted her Ph.D completed her research work under the supervision of Dr.R.G.Jadhao,

### Awarded and Prizes

**Miss Shivali Deshmukh** was awarded for her poem 'Beti' in the poetry competition at IMA, Amravati on the eve of World Women's Day on 8th March 2017.

**Miss Veena Bobade** and **Mr. Tushar Hedau** have passed SET Exam 2016.

**Shashank Rukhane** of BSc-I participated in, the West Zone Inter University Table Tennis Tournament at Gujarat University, Ahmadabad from 5th to 8th February 2017

**Parmeshvar Khade** of B.Sc.II, participated in Malkhamb held at Punjab University, Chandigarh from 01 to 05 February, 2017. **Ku Shreya Anil Telmore** of BSc-I

participated in Taekwondo held at Maharshi Dayanand University, Rohtak from 15th to 21st March, 2017.

**Ku. Pooja S. Gulhane**, B.Sc.III (BTZ) has bagged the First Prize in Bio-Genius Competition -2017 organized by the Zoology Department, GVISH, Amravati

**Mr. Aditi N. Chimote**, B.Sc.III (BTZ) has bagged the Second Prize in Bio-Genius Competition -2017 organized by the Zoology Department, GVISH, Amravati.

**Miss Shivani Dhoke & Miss Pratiksha Gawhale**, B. Sc. I, bagged second prize, in intercollegiate Physics Seminar Competition . **Mr. Sanket Korde**, B.Sc.II, bagged first prize intercollegiate Physics Seminar Competition

**Miss Nikita Nagtode**, of B.Sc. III, bagged First prize in intercollegiate Physics Seminar Competition.

### Superannuation of Teachers

**Ms. Kavita Daware** a junior college lecturer in Marathi from Languages Department, retired on 28th February, 2017 after her service period of 31 years. She was a popular teacher amongst her students. She had contributed through articles and books about Marathi literature and involved herself in the propagation of the use of Marathi in administration.



**Dr. Prakash W. Deotare**, Head, Department of Botany, retired on 31st May 2017 after 33 years of service in the college. He was the member of IQAC and was engaged in research activities. During his tenure as the head the Botany department had organized two national conferences and many other academic events.



## ANNUAL SOCIAL GATHERING- SHIVOTSAV 2017



### Upcoming Events

- One Day Workshop on NAAC Accreditation Awareness on 23rd November 2017, jointly organized with IQAC, SGBAU.
- Amravati District Avishkar Competition on 14th December 2017.

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