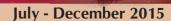


Shri Shivaji Education Society, Amravati's

SHRI SHIVAJI SCIENCE COLLEGE, AMRAVATI

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

Vol 2 . Issue 2





Celebrating International Year of Pulses (IYP - 2016)

 ${f 2016}$ is the United Nations International Year of Pulses (IYP). Pulses, or grain legumes, include 12 crops such as dry beans, dry peas, chickpeas, and lentils, which are high in protein, fiber, and micronutrients. Furthermore, improvements in pulse productivity could be especially impactful in the developing world.

"Pulses are important food crops for the food security of large proportions of populations, particularly in India, where pulses are part of traditional diets and often grown by small farmers.

This college has planned to celebrate IYP-2016 by organizing seminars, informative lectures to heighten public awareness of the nutritional benefits of pulses.

NAAC Third Cycle Assessment - College Retains 'A' Grade

Shri Shivaji Science College proudly went through the process of the third cycle assessment and accreditation by NAAC Bangalore and was awarded the A grade for the second time in succession. The SSR of the same had been dispatched to NAAC Bangalore earlier and was uploaded to the college web site too. The Peer Team for the third cycle of assessment visited the college on 15th & 16th October, 2015. The Peer team comprised of three experts. viz Dr. R.P Tiwari, Vice Chancellor of the H.G. University Indore, was the chairman of the team, Dr. S.L Garg, Principal, Government Atal Bihari Vajpayee College, Indore and Prof. S.B Agrawal form BHU, Varanasi were the members of the peer team.



On the first day the NAAC Peer Team had an interaction with the principal, Dr. V.G Thakare, on various aspects of the institution and the achievements made during the assessment period. The Peer Team also interacted with the college IQAC and discussed the issues related to quality enhancement measures and awareness programmes about the NAAC assessment. The Peer team then visited each and every department of the college for an interaction with the faculty members. The team observed the research activities and academic extension activities of all the departments and was full of praises over the output of these two activities. The team also interacted with the students, non teaching staff and the college Alumni Association. The NAAC Peer Team also appreciated the achievements by the



Physical Education Department and was full of praises for the achievers in the field of Sports and Athletics on National and International levels. The Peer team appreciated the working and achievements of NCC and NSS units of the college. The team had a fruitful interaction with the members of the management and the team discussed at length the future development plan of the institution. During the team's interaction with the office staff, the team appreciated the working pattern and the office automation. The team offered some suggestions during its visit to the college library. The college students had presented the team with their colorful performances of songs and group dances during the cultural programme arranged specially for the NAAC Peer team.



The activities conducted by the college regarding the environmental protection, green audit, Ecofriends, Environment Club and Zoological Club activities. were much appreciated by the peer team. On the second day during the exit meeting the Peer team handed over their report to the



principal with commendations and suggestions.

At this juncture, the college IQAC appreciates the contribution and expresses its gratitude towards the management, principal, teachers, non teaching staff, students, alumni and other stakeholders.

IQAC Workshop on Institutional Preparation of NAAC Assessment for College Teachers

A One-day workshop on Institutional Preparation of NAAC Assessment for College Teachers was organized by IQAC on 28th August 2015. The well known expert in the accreditation process, Professor M. R. Kurup from Vaze College, Mumbai, was invited to guide on institutional preparation for NAAC Peer team visit. In the first session of the workshop an interaction with the principal along with the IQAC members was arranged, in which the main topic of discussion was IQAC interaction with the Peer Team and document presentation. The second session focused on the PT's interaction with the teachers in a department. Prof. Kurup visited the library too

and came up with the measures to keep updated records and library presentation during the PT visit. All the teachers along with the IQAC members were present for the workshop.



S.G.B. Amravati University Inter-Collegiate Research Festival - Avishkar-2015



The research festival was organized to inculcating research attitude among the students and motivating them to take up research works.

The event was organized at Shri Shivaji Science College, Amravati on 26th October 2015. Student from various discipline like Humanities, Commerce, management, Law,

Pure Sciences, Agriculture Engineering Medicine were participated in this event.

Total 310 posters and models from six subjects were registered for the event & Total 800 students had directly participated in the event and 200 more students visited posters and models from various colleges.

Hon. Dr. Mohan Khedkar, Vice Chancellor, S. G. B. Amravati University, Amravati inaugurated the festival, Adv. Arunbhau Shelke, President of Shri Shivaji education Society presided over the function while Dr. P.G. Yeole. Pro-Vice-Chancellor R. T. M. Nagpur University, Nagpur was present as guests of honour at the inaugural programme. Introductory remarks were express by the Principal Dr. V.G. Thakare, Dr. Dilip Hande, District Coordinator proposed a vote of thanks. Dr. K.S. Adhav, Prof. and Head, Dept of Mathematics, S. G. B. Amravati University, Amravati was chief guest for valedictory function of Avishkar- 2015. Finally 26 researchers from Amravati district were selected for University level Avishkar-2015.

Extension & Outreach Activities

Department of Botany

Tree Plantation Programme

At "Shivwadi" tree plantation programme was conducted on 24th July, 2015. Every year the members of 'Ecofriends' actively participate in Tree plantation programme. This year 50 tree species have been planted by Ecofriends at Shivwadi.

The Friendship Day

On 3^{rd} of August, 2015 the friendship day was celebrated in a unique way to spread awareness regarding Environment Conservation. As the students are always very enthusiastic to celebrate friendship day every year on 1st Sunday of August, this year on 3rd August 2015 the "Ecofriends" celebrated it by spreading messages on "Environment Conservation" by tying

the friendship bands to the staff members of the office and the department with messages related to environmental issues.

"Matiche Ganpati Abhiyaan"



On 16th and 17th September, 2015 this campaign was organized to stop the use of Plaster of Paris for making Ganesh idols. The department of Botany took up the campaign as an extension activity under the banner of "Ecofriends", to reduce the impact of plaster of paris and save our water resources. Inauguration of the campaign was on 16th September 2015 at the hands of Hon'ble Madhu Gharad, President, Vanarai. Hon'ble H.B. Thakare, Treasurer, Shri Shivaji Education Society, Amravati, Adv. M.K. alias Nana Deshmukh, Executive member, Shri Shivaji Education Society, Amravati, Shri V.G.Bhamburkar, Secretary, Shri Shivaji Education Society, Amravati, Shri. Arvind Mangale, co-opted member, Shri Shivaji Education Society, Amravati and Dr. V.G.Thakare, Principal, Shri Shivaji Science, College, Amravati were specially present for the inauguration. In all 300 clay idols of Lord Ganesha were purchased by the people who believed in environment conservation, from the stall set up in the college campus.

Department of Chemistry

Science Awareness Programme

Science Awareness Programme was arranged on Wednesday 12th August, 2015 at Kasturba Kanya Shala, Amravati by Dr. Anjali B. Bodade and Dr. Yogita Thakare from the department of Chemistry. The various activities that were carried included:

- 1) Green Chemistry Approach Micro Scale Technique Kit.
- 2) Acquaintance with apparatus used and Demonstration on basic Chemistry experiments.
- 3) Eradication of Superstition.
- 4) Power Point Presentation on 'Prithvi Beti ka Suraj Papa Ko Patra'.
- 5) Short Kit on tiger conservation
- 6) Tree donation and plantation.
- 7) Slide show on tiger conservation.
- 8) Poster display on preservation of culture and tradition.
- Conservation of Flora and Fauna.



About fifty students from BSc. II MBB, MBZ and CEB groups demonstrated nearly 20 different experiments like tree shifting model, tricky water, density concept, magic balloon, color symphony, micro scale technique kit, fruit battery power, fire extinguisher and many more to 400 school students from Std. V^{th} to X^{th} .. Students enjoyed watching the posters displayed on conservation of flora and fauna, preservation of Indian tradition, monuments and culture.

Seminars by expert

- 1. Beauty Therapist Dr. Usha S. Bhutad, Proprietor, Innovation of Rahul Phate Unisex Tricology Clinic" has delivered the seminar on hair care and hygiene and personal grooming before PG and UG students.
- 2. A One-day seminar was organized by the department under skill development course in cosmetology on Wednesday, 19th September 2015. Dr. Rahul Phate, chief guest, delivered his seminar on HEALTH AND BEAUTY TIPS. He focused on the topics like Skin and hair care and Scientific combing techniques

Department of Biotechnology "Biotech Awareness Programme"



Members of Bio-Gene Society from the Department of Biotechnology conducted "Biotech Awareness Programme" at Sri Sai Baba School, Sai Nagar, Amravati on 9th October, 2015. Our students gave information to school children with the help of power point presentations, posters and live demonstrations. Head of the Department Dr. S.D. Patil and other staff members of Biotechnology were also present during this activity.

Department of Environment Science Pollution Under Control Camp



The department of Environmental Science organized a Pollution Under Control camp on 22nd August, 2015. In this camp about 100 vehicles of students and members of teaching and non-teaching staff were checked for their pollution level.

Best Out of Waste

Students of M.Sc. I year (Env.Sc) introduced the concept of recycling the waste paper and prepare greeting cards, paper weights, flower pots from the waste paper collected from the department.

Environment Awareness Activities

Students, faculty and staff members of the department actively participated in the environment awareness activities like; tree plantation program conducted at Shivwadi, public awareness canvassing for clay idols on Ganesh Chaturthi festival.

Study Tours

A study tours were arranged to Lonar Lake, Aurangabad, Ajanta and Ellora Caves on 18th & 19th August, 2015 and tour to the important locations in the state of Gujarat was organized from 6th to 12th December, 2015.

Department of Physics

Inauguration of Physics Society



The Physics society was inaugurated on August 22, 2015 at the hands of Dr. S.V. Moharil, Retired Head & Professor, PGTD Physics RTMNU, Nagpur. For the inaugural function Physics PG students from various colleges and university department were present. Dr. S.V. Moharil delivered a lecture on "Noble Prize in Physics 2015". In his lecture he threw light on importance of the invention of blue laser.

Guest lectures for UG and PG students

- a) Mr. Anil Raut, ONGC officer, on "Job opportunities in ONGC" (29 September, 2015)
- b) Dr. Atul Doad on "Structure of Earth" (29 September, 2015)



Department of Statistics

Guest lecture



On 6th August, 2015 a guest lecture of Dr. D.K. Ghosh, Professor and Head, Department of Statistics, Saurashtra University, Rajkot, was organized on "Importance of Statistics in Various Fields and Job Opportunities in Statistics". The function was inaugurated by the Principal, Dr. V.G. Thakare. The teachers and students attended the guest lecture.

Department of Zoology

Wild Life Week Celebrations



The Department of Zoology had organized a Cycle Rally as a part of wild life week celebration on 2nd October, 2015 in collaboration with Melghat Tiger Reserve Office and Wildlife and Environment Conservation Society, Amravati. The theme of the rally was 'Save Nature and Save Tiger'. The main objective of the cycle rally was conservation of Wildlife. In all 30 students from the department participated in the cycle rally.

Library

Two days Book Exhibition was organized on 12th & 13th, August 2015 to mark the birth anniversary of Dr. S.R. Ranganathan, Father of Library Science . The book exhibition was inaugurated by Shri. Suresh P. Kowale Deputy Secretary, Law and Judiciary Department, Mantralya, Mumbai. Local vendors Shriram Book Agency, Popular Book Stall, Book Bar, Ahmadabad, Prakash Book center Amravati participated in the book exhibition. Students and staff visited the book exhibition and recommended books for college library.



Department of Physical Education

Physical Education and Sports Department organized Sant Gadge baba Amravati University Inter Collegiate Basketball (Women) Tournaments 2015-16 on the college basketball court from 22-09-2015 to 25-09-2015. Total 37 women's teams participated in this tournament.

The inaugural ceremony was held in the presence of Dr. V. G. Thakare, Principal Shri Shivaji Science College, Amravati and among the guests were Shri Jayprakashji Dubale, Deputy Director, Sports, Amravati Division, Dr. Madhuri Chendake, Chairman, Sant Gadge Baba Amravati University Basketball (Women) Selection Committee, Shri Bhau Belsare who graced the occasion by their presence. In this tournament host team of Shri Shivaji Science College was declared the runner up team.



The Department also organized Sant Gadge baba Amravati University, Amravati Inter Collegiate Handball (Women) Tournaments and selection trials for 2015-16 on College play ground from 01-12-2015 to 06-12-2015. Dr. V. G. Thakare, Principal Shri Shivaji Science College, Amravati, Dr. Smita Deshmukh, Principal, Shri Shivaji Arts Commerce College Amravati, Shri Avinash Pund, DSO, Amravati, Dr Pranav Malviya, Principal, Dr. Panjabrao Deshmukh College of Law, visited the tournaments.

The Department facilitated the organization of "Shivaji Olympiad" hosted by our parent education society, namely, Shri Shivaji Education Society Amravati, in which Basketball Men and Women district and division level tournaments were held and our college women team secured the first place and the men team secured the second place in these tournaments.

The Department also contributed in the organization of district, division and state level school tournaments of basketball, handball, dodge ball and ball badminton.

Career Guidance Cell

The Entrepreneurship Development Cell affiliated to the Maharashtra Centre Entrepreneurship Development, Govt. of Maharashtra was instituted at the hands of Dr. Abhiram Dabir. Divisional Officer, Maharashtra Centre for Entrepreneurship Development, Amravati Division, Amravati on Thursday, 26th August, 2015.



The lecture on inspired students to think about business as a

In order to familiarize the students with the MPSC / UPSC examination pattern, mock exam (similar to the pattern of MPSC) was announced on 31st August, 2015. Online registration on the website, via messaging or in person was accepted. In all 165 students registered for the examination. The preliminary examination was conducted on 4th October, 2015. 72 students appeared for the examination. The answer key with explanation was shared with the students in regular classes on 8th October, 2015. The mains examination, interview and Physical test were conducted in the post-diwali session. The result of the Mock Exam was declared on 12th October, 2015. The marks obtained by students ranged between 22 to 49 out of 100.

National Service Scheme (NSS) Activities organized by NSS unit

1. Tree Plantation was done on the college premises (Shivwadi) on 24-07-2015, in Dattakgram Khartalegaon on 15th August, 2015 and Art of living Ashram, Bhankheda on 01-07-2015. In all 150 medicinal and tree saplings were planted by 100 volunteers. Principal Dr. V. G. Thakare graced the activity by participating in the rally and tree plantation.



2. In the Shri Shivaji Highschool of adopted village of Kharatalegaon books were distributed amongst the students by Prof. M. Ali, Dr. S. P. Gawande, Dr. G. A. Wagh and Mr Uike, Principal of the school.

- 3. Blood Donation camp was organized by the NSS unit on 26-08-2015. The camp was inaugurated by Dr. V. G. Thakare in presence of Dr. Ganesh Malte, coordinator, NSS, Sant Gadge Baba Amravati University, Amravati, Shobha Rokade, Regional coordinator, NSS, Sant Gadge Baba Amravati University, Amravati. About 86 NSS volunteers and students and staff members donated their
- 4. College NSS Volunteers actively participated in the antinarcotic squad on 04-08-2015 headed by Dr. S.P.Gawande and carried out raids in Amravati and confiscated Gutakha and Tobacco worth about Rs. 4 lakhs. The entire exercise was appreciated and the participants were honored by the Commissioner of Police, Amravati.

Alumni Association

In order to express our gratitude towards our teachers we have celebrated the day by felicitating retired teachers at the hands of ex-students. We have also felicitated college teachers at the hands of students council.



Our retired Professor M. Ali distributed President Late Kalam's books to students. Various activities were presented on LCD by Prof. Nagpure.

- 1. Alumni Association has provided financial aid of Rs. 30,115/- to the needy students of the college.
- 2) Alumni Karan Chithore was felicitated for his grand success in Italy in the world level presentation on 26th sep 2015 and alumni Gourav Rai was felicitated on 14th December, 2015 for having secured top rank in IES examination. On this occasion he guided our students for preparing GATE, JEE and other examinations. In his speech he elaborated the methods of study.



Teachers Achievement

Dr. V. G. Thakare was elected as the President of AUCTA on 4th October, 2015.

Dr.G.A.Wagh nominated as a President of 16th Vidarbha Pakshimitra Sammelon for a year 2015-2016 and inaugurated the function held on 19 December 2015 at SMC campus Washim and delivered a lecture on 'Grass land Bird Biodiversity in Vidarbha.

Also he published a Text book of Zoology- Life and Diversity of Chordates and Concept of Evolution (B.Sc.Part-II, Sem-III).

Dr.J.D.Dhote Assist. Professor, Department of Zoology delivered a lecture on 'Genetic and Human Health' at Yuvashakti, College, Amravati.

Lt. Prof. N.H. Bansod received the Best ANO Award from NCC group head quarter, Amravati on 27th November, 2015.

Dr. S. S. Thakare joined as a Principal at Shahu Science college Chandur Railway on November, 2015.

Dr. P. R. Mandlik was elected as the Secretary of AUCTA on 4th October, 2015.

Dr. S. P. Ingole was selected as a member of Amravati Zilla Paryavaran Samiti, by MPCB, Regional office Amravati.

Ms. Aruna U. Kakde was awarded the Ph.D degree by SGBAU.

Dr. D.V. Hande, delivered a guest lecture on "Fungi in Industries" on 07th September, 2015 at Indira Mahavidyalaya, Kalamb. Nominated as a member of Technical Support Group for Amravati District Biodiversity Board, Amravati by the Forest Department, Amravati. Nominated as the district coordinator of Amravati district for Avishkar by Hon. V.C. SGBAU, Amravati

Ku. Vidya S. Kharbadkar, fix pay lecturer in Geology was selected as a Junior Geologist, by the Director of Geology and Mining (DGM) in the state of Maharashtra, through MPSC.

Dr. S. D. Patil, published 03 Text books of Microbiology for Semester I, III and V.

Dr. N. N. Vidhale, published Text book of Microbiology for Semester V.

Dr. C. S. Ukesh, published Text book of Microbiology for Semester III.

Students' Achievements

Doctoral Degree Awardees

Dr. Sharad Gawhale received Ph.D degree under the guidance of Dr. G.N. Choudhari.

Dr. Suhas S Khandare received Ph. D. degree under the guidance of Dr. S. D. Patil

Dr. Rupali Deshmukh and Dr. Anuprita Deshmukh

Received Ph. D. degree under the guidance of Dr. N. N. Vidhale

Dr. Prasad M. Deshmukh and Dr. Pratiksha A. Kale received Ph. D. degree under the guidance of Dr. C. S. Ukesh

Sh. D.T. Deshmukh received Ph.D. degree under the guidance of Dr. H.S. Lunge.

Mr. Ashish Ghaware and Prafulla Topale were awarded Ph.D. under the guidance of Dr. R. G. Jadhao, from the Zoology department.

Dr. Ms. Archana B. Bodade received Ph.D degree under the guidance of Dr. D.K. Burghate and Dr. G.N. Choudhari. Mr. Akshay Patil, a student of B.Sc-III (PHG) received the 5th rank in the National Level Workshop titled "PROTOLITH" held on 9th -11th October, 2015 IIT, Mumbai,

Achievement of students in NSS

- 1. **Ku. Ashwini Gugliya** was selected for Pre-Republic Day Parade camp at NSS University level on 31 August- 1 Sept. 2015, National/State Pre RD Parade camp at NSS Inter University level on 09-11 September 2015 at Nanded and
- participated in the NSS West Zone Pre-Republic Day Parade from 08th to 17th October, 2015 at RTM, Nagpur University.
- 2. Ku Pooja Zagade was selected for Pre-Republic Day Parade camp at NSS University level on 31st August & 1st September, 2015.

STUDENTS' ACHIEVEMENTS IN CULTURAL ACTIVITIES

NAME OF THE STUDENT	NAME OF EVENT WITH LEVEL	RANK	DATE AND PLACE
Pranita Bhimrao Wakode	Singing(Indian and Western) Central Zone Inter University Youth Festival,	I Rank (Indian)	Bundelkhand University Jhansi(Uttar Pradesh),
BSC-III(MBZ)		II Rank (Western)	From 19 to 23 November 2015.
Ambika Santosh Thakare BSC-I(BIO)	Singing(Indian) Central Zone Inter University Youth Festival	I Rank (Indian)	Bundelkhand University Jhansi(Uttar Pradesh), From 19 to 23 November 2015.
Neha Sawake	Singing(Indian and Western)	I Rank (Indian)	Bundelkhand University Jhansi(Uttar Pradesh),
BSC-II (PCM)	Central Zone Inter University Youth Festival	II Rank (Western)	From 19 to 23 November 2015
Prachi Ramesh Khedkar	Drama	II Rank	Bundelkhand University Jhansi(Uttar Pradesh),
BSC-III(BIO)	Central Zone Inter University Youth Festival		From 19 to 23 November 2015
Pavan Sunil Pavar	Drama	II Rank	Bundelkhand University Jhansi(Uttar Pradesh),
SC-II(CAP)	Central Zone Inter University Youth Festival		From 19 to 23 November 2015



STUDENTS' ACHIEVEMENTS IN GAMES & SPORTS

NAME OF THE STUDENT	NAME OF EVENT WITH LEVEL	DATE AND PLACE	
Akansha Ravirndra Mahure BSC-II(MBB)	Basket Ball West Zone Inter University	University of Rajasthan, Jaipur from 16th to 20th October, 2015 National :- Ranchi	
Dharini Shivaji Deshmukh. BSC-III(MBZ)	Basket Ball West Zone Inter University	University of Rajasthan, Jaipur from 16th to 20th October	
Tejaswini Harishchandra Kadam BSC-II(MBZ)	Basket Ball West Zone Inter University	University of Rajasthan, Jaipur from 16th to 20th October, 2015	
Aditi Nitin Chawale BSC-III(CAP)	Swimming All India Inter University	Punjab University, Chandigarh from 20 to 25 October 2015	
Sarang Ambulkar BCA-I	Swimming All India Inter University	Punjab University, Chandigarh from 20 to 25 October 2015	
Aditya Ghongade BSC-I(PCM)	Badminton West Zone Inter University	Lakshmibai National Institute of Physical Education, Gwalior from 12 to 15 October,2015	
Vaibhav Rajendra Thakare BSC-II(CMP)	Athletics Maharashtra State Inter University Sports Meet(Ashwamedh krida spardha	Swami Ramnand Teerth Marathwada University, Nanded from 27 November 2015 to 1 December, 2015	
Mayuri Bambal BSC-II(MBB)	Basket Ball Maharashtra State Inter University Sports Meet(Ashwamedh krida spardha)	Swami Ramnand Teerth Marathwada University, Nanded from 27 November 2015 to 1 December, 2015	

Retirement Functions

Prof. Dr. C. B. Meshram, head, department of Zoology was retired on August 31, 2015. He started his career as a junior college teacher and there after he joined senior college in this college and served for 27 years. He has contributed to development of the department and carried out research activities.





Prof. S. A. Salwe, head, department of Geology was retired on October 31, 2015. He started his career as a Assistant Geologist in Directorate of Geology and Mining. Thereafter he served this college for 31 years. He has contributed to development of the department. He has also rendered his services as geology consultant to the farmers of this region. We all wish you & your family the happy and healthy life.

Upcoming Events

- National Youth Day 12 January 2016
 - Shivotsav January, 2016
- National Science Day 28 February, 2016
- Three Days Programme entitled "Exploration of Entrepreneurship Opportunities for Students and Skill Development for Establishment of Small Business" under the Youth Led Sustainable Development Programme of the Rajiv Gandhi National Institute of Youth Development (RGNIYD), Sriperumbudur in the month of March, 2016.



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