



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

NAAC sponsored National Conference on Academic and Administrative Audit (AAA) of the Higher Education Institutions

The Two-Day NAAC sponsored National Conference on Academic and Administrative Audit (AAA) of the Higher Education Institutions, was organized by the Internal Quality Assurance Cell (IQAC) of the college on December 09-10, 2016. The objective of the conference was to facilitate an understanding of the importance of Academic and Administrative Audit (AAA) of the Higher Education Institutions and to encourage self-evaluation and accountability in higher education institutions. The conference convener Dr. V. G. Thakare, Principal, while welcoming the guests and the delegates for the conference, appraised the gathering on the working of the college IQAC. The inauguration session was chaired by Adv. Arun B. Shelke, President, Shri Shivaji Education Society, Amravati.



The conference was inaugurated by Dr. S. P. Kane, Vice Chancellor of RTM Nagpur University, Nagpur. Speaking on the occasion, Dr. S. P. Kane elaborated on the concept of Academic and Administrative Audit and its relevance in higher education institutions. He explained the rationale and the need for conducting AAA through external peers. The conference proceeding of nearly 157 pages, having ISBN number, which includes the keynote address, invited talks and twenty six full length papers of the participants, was published at the hands of the inaugurator.



The National conference witnessed the participation of 143 delegates comprising of Principals, IQAC coordinators and faculty from various colleges. Dr. R. G. Pardeshi, Principal, Fergusson College, Pune, delivered the keynote address on 'Academic and Administrative Audit: A Quality Assurance Tool'. The first invited talk

was delivered by Dr. M.R. Kurup, Secretary, Kelkar Education Trust, Mumbai, on 'Management and 3 A's'. He illustrated the significance of the role of management representatives in the process of conducting the yearly Administrative Audit in order to take appropriate measures for the overall improvement of the institution. Dr. Vijay Joshi, Principal, K. J. Somaiya Science College, Mumbai spoke, in the second invited talk, on 'AAA Ritual or Tool?'

The Panel Discussion Session on the theme of the conference was organized on the second day under the chairmanship of Dr. P.G. Yeole, Pro- Vice Chancellor, RTMNU, Nagpur, and as the learned members of the panel, Prof. N. S. Nikam, President, Maharashtra Principals' Federation, Pune, Prof. V. G. Bhamburkar, Secretary, , Dr. S.F.R. Khadri, Director, IQAC, SGBAU, Amravati and Dr. P. B. Raghuvanshi, President, NUTA actively participated in the discussion. The delegates presented their queries in the process of internal and external audit and those queries were answered by the panel members. There was a two way fruitful interaction between the panel and the delegates. Paper presentation session, was chaired by Dr. V. S. Jamode, in which twenty six papers were presented on AAA, by the participants. The valedictory session was chaired by Principal Dr. V. G. Thakare along with the guests like Dr. S.F.R. Khadri and Dr. V. S. Jamode. The IQAC coordinator and organizing Secretary Dr. H. S. Lunge and all IQAC members Dr. P. W. Deotare, Dr. W.S. Barde, Dr. P.R. Padole, Dr. Mrs. S.P. Ingole, Dr. G.A. Wagh and Sh. V. V. Hebbar took great efforts for the successful organization of the event



DST Sponsored Two Days Workshop for High School Teachers

The Two-Day Workshop on "Inculcation of Activity Based Learning Practices in Science and Mathematics Teachers at Secondary Level and Exploration of Innovative Practices in Teaching , Learning and Evaluation Methods" was organized from 30th November to 1st December, 2016. This workshop was catalyzed by National Council for Science and Technology & Communication, Department of Science and Technology, New Delhi. The collaborators for this

workshop were Homi Bhabha Centre for Science Education, Mumbai, Asian Association for Biology Education (India Chapter), Techshiksha, Navi Mumbai and Bajaj Science Education Centre, Wardha.



An inaugural ceremony was held under the chairmanship of Hon'ble Adv. Arunbhau Shelke, President, Shri Shivaji Education Society, Amravati. keynote address was delivered by of Dr. Arun Sapre, Member Secretary, Rajiv Gandhi Science and Technology Commission (RGSTC), Govt. of Maharashtra. Mr. S. M. Yadgire, Secretary, MSS&HS Board, Amravati Division, Amravati, Dr. Nirankush Khubalkar, President, Asian Association for Biology Education (India Chapter), Prof. S. N. Deshmukh, also graced the occasion. The session on the theme "Biology Learning – A Fun" was conducted by faculties from Homi Bhabha Centre for Science Education, Mumbai, Dr. Rutwik Thengodkar and Mr. Karun Hambir



Second session "Rising Mathematic Understanding level of School Students" was dealt by Prof. Veena Deshmukh, Shreemati Nathibai Damodar Thackersey Women's University (SNDT), Mumbai. Activity Based Learning for Physics and Electronics was promoted by Mr. Amit Modi, Director, TechShiksha Science Hub, Navi Mumbai. On the second day talk on Bridging Gaps - Classical vs Modern Teaching Methods by Mr. Manohar Mali, Vice Principal, was organized. This was followed by interactive session by Mrs. Sunita Khadse, Head, Department of Chemistry, Bajaj Science Centre, Wardha on the topic "Chemistry – Through Activities". Next interaction was organized between the participants and Commonwealth Best Teacher Award Winner Dr. Tushar Tamhane. He demonstrated a fantastic way to deliver complex concept of Physics in the classroom through inquiry based approach.



Post lunch sessions dealt with presentations by participants and a talk by Dr. Dinesh Khedkar, coordinator, on Methods of Science Teaching at High School Level. The workshop was concluded in the presence of Mr. A. K. Chitaliya, Principal, Manibai Gujrati High School, Amravati as a chief guest and Dr. V. G. Thakare as the chair person of the valedictory function.

Inter-Collegiate Research Festival (Amravati District) Avishkar-2016

It's a matter of immense pleasure that Hon. Vice Chancellor, SGBAU has nominated Dr. Dilip Hande as the District Coordinator for the organization of Amravati district level Avishkar -2016 in our college for U.G., P.G., Post PG (Ph.D.) and teachers pursuing M.Phil. and Ph.D. The research festival was organized to inculcate the research attitude among the students and motivating them to take up research works



The event was organized on 7th October 2016. A total of 175 posters and models from six disciplines were registered for the event from above subjects from different colleges from Sant Gadge Baba Amravati University, Amravati. The posters and models were presented by two or three students. In all 500 students had directly participated in the event and 200 more students visited the venue to peruse the posters and models presented by various colleges.



Dr. Murlidhar Chandekar, Vice Chancellor, inaugurated the festival. Hon. Adv. Arunbhau Shelke, President of presided over the function. Dr. Anand Aswar, Coordinator Avishkar Cell, was present for the ceremony. Introductory speech was delivered by Dr. V.G. Thakare, Principal, Dr. Dilip Hande, gave vote of thanks. Prof. M.A. Ali, was the chief guest for the valedictory function of Avishkar- 2016. Dr. V.G. Thakare, presided over the function and Dr. D.V. Hande presented the report. Finally 28 posters and models of 56 researchers from Amravati district were selected for University level Avishkar- 2016. For the evaluation of presentations 14 jury members were invited who played a very significant role in the selection of participants for university level Avishkar.

Department of Computer Science

COMSOFT - 2016-17

The ComSoft society was formed by P.G. students of Computer Science Department & was inaugurated on September 24, 2016 at the hands of Dr. Avinash Manwar, P.G. Department of Computer Science, SGBAU, Amravati. This function was presided over by Prof. Hemant Deshmukh, Head, Department of Computer Science. Prof. C.H.Sawarkar & Dr. Parag Kaveri were present as guests of honor for this inaugural function. All the dignitaries were felicitated & then Prof. Mukul Bhonde, the coordinator, briefed the gathering about the objectives of the formation of this ComSoft Society. Dr. Avinash Manwar talked about how to prepare for the NET-SET examination along with the PG studies. He guided the students over selecting the subjects of your choice for NET-SET. Prof. Sawarkar & Dr. Kaveri also spoke on this occasion and guided the PG students.

The ComSoft society organized an intercollegiate seminar competition for P.G. students in Computer Science & Application. Total eighteen students from nine colleges under SGBAU jurisdiction participated in the competition. The winners were given cash prizes. Ms. Nikita Mehare from Shri Shivaji College, Akola got the first prize, Ms. Bhagyashri Janjabi of G.S.College Khamgaon got the Second prize and Ms. Vidhi More of SGBAU got the third prize in the competition. The certificates of participation were distributed to others



TECHNOTSAV-2016

An event 'TECHNOTSAV-2016' for U.G. students. The inaugural function was presided by Dr. V.G.Thakare, Principal, in the auspicious presence of Mr. Arun Ranvir, District Informatics Officer, NIC, Amravati as the chief guest. Prof. Hemant Deshmukh, along with his colleagues, Prof. V.W. Labade & Prof. Mukul Bhonde were present on the dais on this occasion. Mr. Arun Ranvir praised the Digital India Project while addressing the students & appealed for the promotion of digital lockers provided by the government to protect & secure our important documents.

Under the 'Technotsav-2016', the BCA students organized various competitions like Blind Programming, LAN gaming, Quiz, Poster Presentation, Paper Presentation, etc. The event had received good response from the UG students. Dr. Umesh Kale distributed the prizes and focused on the importance of programming as well as logic development.

Department of Botany

Ecofriends - An Extension Activity

A Street play was performed by the members of Ecofriends to generate awareness amongst school children regarding the hazardous effects of POP and other unhealthy practices during Ganesh festival on 1st September, 2016 in Rajeshwari School

and Aadarsha Prathamik Shala. This street play was specially set on this burning issue of environmental pollution during this festival.

Matiche Ganpati Abhiyaan: Every year Ganesh idols are prepared with plaster of paris using chemical colors which



pollute our environment. Hence this campaign of clay idols was organized to spread awareness regarding the hazardous effects of plaster of paris (PoP). The inauguration of the campaign was held on 3rd September, 2016. Hon'ble Adv. Arunbhai Shelke, President, was the chairman for the program and Hemantkumar Pawar, Municipal Commissioner, Amravati was the inaugurator. Dr. Suresh Thakare, Vice-president, H.B.Thakare, Treasurer, Shri V.G.Bhamburkar, Secretary, Shri Arvind Mangale, Shri Sangole, , Dr. V.S. Jamode, and Dr.V.G.Thakare, Principal, were specially present for the inauguration. In all 300 Clay Idols of Lord Ganesha were purchased by the people. Appeal from Ecofriends: To keep the classrooms neat and clean some special dustbins were prepared from waste boxes by members of Ecofriends with messages regarding environment conservation and cleanliness. These dustbins were kept in all the classrooms on October 17, 2016.

Department of Chemistry

CHEM-QUIZ-2016

The interclass quiz competition for the B.Sc.I students offering Chemistry was held on Monday, October 17, 2016. The four teams that participated in this quiz competition



were alpha, beta, gamma and delta. 9 students took part in the quiz. There were three rounds, round I MCQ round, round II buzzer round, round III rapid fire round. The questions on chemistry were displayed with the help of an LCD projector. The team Gamma was the First Prize winning team and team Delta team bagged the Second Prize All the students greatly enjoyed this event.

APTITUDE TEST IN CHEMISTRY

Seventy six students from B.Sc.I participated in the aptitude test that was held on Wednesday, 28th September, 2016. It was an objective type multiple choice questions test. There were

sixty questions and the time allotted was one hour. The following students were awarded 1st, 2nd and 3rd ranks. They were later felicitated by the Department of Chemistry. Ms. Shraddha Pawar (PCM) – First Prize, Ms. Janhavi Petale (PCM)- Second Prize and Ms. Shweta Sahu (PCM)- Third Prize.

Science Awareness Program

Science Awareness Program for the school children of Shri Shivaji Multi Purpose High School, Amravati was organised on Tuesday, 9th August, 2016. It was a two-fold activity by the B.Sc. I and III year students. The theme of the exhibition was to demonstrate syllabus oriented, conceptual, and basic science experiments. The principal of the school, Dr. Vijay Muley inaugurated the program, accompanied by Vice Principal Mr. Malvey, Incharge, Ms. Archana Ardak, Dr. G.N Chaudhari.



Seminar on "HEALTH & BEAUTY TIPS"

A seminar on "HEALTH & BEAUTY TIPS" was arranged for Cosmetology students on Saturday, August 6, 2016. The chief guest, Dr. Minakshi Rajurkar, Sukhakarta Skin City, Amravati delivered a talk on nutritive diet and its correlation with beauty. She gave some beauty tips with stress on hydrating the body.

Placement drive

A Placement Drive was arranged on 24th August, 2016. The Placement Officer, Mr. Manoj Kumar, State Project Coordinator, RMSA, Maharashtra, Mumbai was present who guided the students on the topic "Selection and Working Criterion". During the drive 6 students were selected who later received appointment orders and these selected students joined the jobs too.

Department of Environment Science

Visit to Drinking Water Treatment Plant

A visit to the drinking water treatment plant on Mardi road was arranged to acquaint the students of B.Sc. III with the treatment procedures followed by the Water Treatment Plant during water purification.

Inauguration of Environmental Science Society:

On 10th August, 2016 the Environmental Science Society was inaugurated by Dr. A. B. Bhosale, as the guest of honor.



Guest Lecture

A Guest Lecture was delivered by Dr. Y. P. Lolge, SRTM University, Nanded, on the topic, "Future Prospects of Environmental Science".

Ozone Day Celebration

A Bicycle Rally was organized in collaboration with Environmental Cell and Green Berets on September 16th 2016.



Visit to NEERI, Nagpur

Students of M.Sc. II and B.Sc. III visited the National Environmental Engineering and Research Institute, Nagpur on 12th August, 2016.

Participation in public awareness by use of clay idols for Ganesh Chaturthi.

Students from the department of Environmental Science participated in the awareness campaign "Matiche Ganpati Baswa" for guiding and awakening the people about the use of Ganesha idols prepared from mud and clay.

World Environmental Health Day

On 26th September, 2016, on the eve of the World Environmental Health Day a guest lecture was organized



for the female students on "Adolescence Issues in Females" in the college auditorium. Dr. Pranjal Sharma and Dr. Lalita Lokhande guided the students on health and hygiene problems of women and prescribed solutions therein.

Ganesh Idol from Waste paper

The students of M.Sc. prepared Ganpati idols from waste paper generated from the various departments of the college.

Breast Cancer Awareness Week

The Breast Cancer Awareness Week was organized from October 1-7, 2016 at PDMC, Amravati in collaboration with Cancer Foundation, Amravati. Students actively participated and worked as volunteers in the Free Check-Up Camp.

Participation in Vasundhara Festival: 10th October, 2016

Skit on Environmental awareness was presented by M.Sc. II students. Ms. Kalyani Ingale was awarded II prize for best actress. Mr. Kiran Jadhao B.Sc. III got II prize for eco-talk.

