



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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## DBT& CSIR sponsored National Conference on Recent Trends in Biotechnology and Biodiversity

Department of Life Sciences of Shri Shivaji Science College, Amravati organized a two-days DBT and CSIR sponsored National Conference on "Recent Trends in Biotechnology and Biodiversity" (NCBB-2017) on 22<sup>nd</sup> & 23<sup>rd</sup> September 2017 in collaboration with Microbiology society of India, Indian Science Congress, Kolkatta,(ISCA)Amravati Chapter, Maharashtra State Biodiversity Board (MSBB) and Melghat Tiger Reserve (MTR).



Prof. A. K. Pande (Chairman, Madhya Pradesh Private University Regulatory Commission, Bhopal M.P.) gave inaugural address. The abstract book and Special issues of Journal of NCBB-2017 published by Hon. Shri. Harshvardhan Deshmukh, President, Shri Shivaji Education Society, Amravati and gave presidential address. Other dignitaries including Dr. Murlidhar Chandekar, Vice-Chancellor, SGBAU, Amravati, Prof. A. M. Deshmukh, President, Microbiologists Society, India and Mr. Srinivas Reddy, CCF, MTR, Amravati Division also delivered speeches. Prof. A. M. Deshmukh, President, Microbiologists Society, India and Mr. Srinivas Reddy, CCF, MTR, Amravati Division also delivered their invited talks during sessions. Dr. Sunil Deshmukh, President of Mycological Society of India. Dr. Nishith Dharaiya, Wildlife Expert, Department of Life Sciences, Patan University, Gujrat, Dr.D.P. Fulzele, Bhabha Atomic Research Centre, Mumbai, Dr.N.N.Bandela, Professor and Head, Department of Environment Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad who were the keynotes speakers for various scientific sessions of the Conference.

In all 288 participants from all over India representing 15 Universities and 07 States were gathered in this National level mega event. More than 100 authors have contributed their research work through abstracts and full length papers. 40 Delegates actively

participated in oral and poster presentations. Accepted papers were published in special issues edition of UGC approved International Journal of Life Sciences (IJLS). Panel discussion session on the theme was organized on the 2nd day of the conference. Some Recommendations were forwarded in Panel Discussion of NCBB- 2018.Cultural programme and felicitation of Dr. S. D. Patil by Microbiologists Society, India was held on 22nd September 2017 evening. Valedictory Function was chaired by Dr. V. G. Thakare, Principal. Dr. S. D. Patil summarized event. The Congress finally concluded with a Tour to Melghat Tiger Reserve (Chikhaldara, Semadoh and Kolkhas).Himedia Laboratories Pvt. Ltd. Mumbai, Sharp India ltd. Nagpur and B.S.R. tech Nashik arranged scientific stalls. Dr.S.D.Patil, Dr. R. G. Jadhao, Prof.B.K.Dorkar, Dr.Sangita Ingole, Dr.G.A.Wagh), Dr. N. V. Bhatkar and Dr.D.V.Hande have taken efforts in successful organization of the event.

## INTER-COLLEGIATE RESEARCH FESTIVAL - AVISHKAR-2017

The research festival Avishkar-2017, was organized on 14th December 2017. Avishkar is an intercollegiate research festival which provide platform for research talent of the students at the university level. Student of any discipline participated in following categories: Humanities, languages, fine arts etc., Commerce, management, Law etc, Pure Sciences, Agriculture and Animal Husbandry, Medicine and Pharmacy.



Total 122 (HLF-27, CML-20, PS- 55, MP- 20) posters and models from five subjects were registered for the event from above subjects from different colleges from SGBAU. Each posters and models were presented by two or three students. Total 250 students had directly

participated in the event and 200 more students visited from various colleges. Hon. Dr. Krishnmurti K., Principal Scientist, NEERI Nagpur inaugurated the festival, Hon. Shri Harshvardhan Deshmukh, presided over the function.



Hon. Dr. Rajesh Jaipurkar, Pro-Vice Chancellor, was chief guest for valedictory function of Avishkar- 2017. Dr. Ananad Aswar Co-ordinator, Avishkar cell, was present as guest of honour. Dr. V.G. Thakare, presided over the function and Dr. D.V. Hande presents the report. Finally 28 entries of researchers from Amravati district were selected for University level Avishkar-2017. For the evaluation of presentations 11 jury members were invited and they play very significant role in the selection of participants for university level Avishkar. The overwhelming responses to this science fest, boosts our moral and encourage us to organize, the similar event in future also.

### **NAAC Accreditation Awareness Workshop held at Shri Shivaji Science College, Amravati**

One Day Workshop on NAAC Accreditation Awareness for Affiliated Colleges in Amravati and Yavatmal Districts, was jointly Organised by IQAC, Sant Gadge Baba Amravati University and IQAC, Shri Shivaji Science College, Amravati, on 23rd November 2017. The inaugural ceremony was chaired by Hon'ble Dr. Murlidhar Chandekar, Vice Chancellor, SGBAU. The inauguration presided by Hon'ble Dr. Ramchandra N. Shelke, Vice President, Shri Shivaji Education Society, Amravati. The Guests of Honour Hon'ble Dr. M. R. Kurup, Secretary, Kelkar Trust, Mumbai, and Dr. Prakash Puranik, former Registrar, Kavi Kulguru Kalidas Sanskrit University, Ramtek, were present on the occasion. Also the seventh issue of the college IQAC Newsletter was published in this event. Dr. S.F. R. Khadri, IQAC Director, SGBAU, Principal Dr. V. G. Thakare and Dr. H. S. Lunge, were present on the dais.



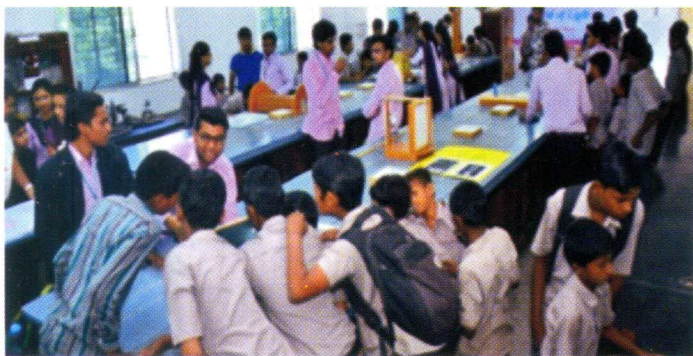
The first session on Curricular Aspects was elaborated, with new changes in NAAC new methodology, by Dr. M. R. Kurup. The Quality enhancement revised framework was explained by Dr. Prakash Puranik. The revised weightages for 7 Criteria and 34 Key Indicators along with Grading Pattern discussed by Dr. V.S. Sapakal, Former Vice Chancellor, RSTM Nagpur University. Dr. Rajan Welukar, Former Vice Chancellor, Mumbai University, Mumbai, delivered his thoughts on Mandatory Accreditation for Quality Education. There were 207 participants from 82 Affiliated Colleges in Amravati and Yavatmal Districts were present for this one day workshop. The queries and doubts of the delegates in the new methodology of accreditation were answered by all the resource persons. The feedback was collected through the format, for analyzing the suggestions and opinions with ground realities of implementation, so as to forward to the NAAC authorities.

The IQAC team members Dr. W. S. Barde, Dr. P. R. Padole, Dr. Mrs. S. P. Ingole, Sh. V. V. Hebbar, Dr. G. A. Wagh and Dr. G. B. Hedaoo worked collectively for the successful organization of the workshop. Prof. V. G. Bhamburkar, Prof. Murtuza Ali, Principals, IQAC coordinators, and management representatives of the various colleges, were present on the occasion.

### **5<sup>th</sup> SHIVAJI VIDNYAN PARISHAD - 2017**



5<sup>th</sup> Shivaji Vidnyan Parishad – 2017 was jointly organized by Shri Shivaji Education Society, Amravati and Homi Bhabha Centre for Science Education, T.I.F.R., Mumbai during 28th to 30th December, 2017. It was fifth parishad in a row hosted by Shri Shivaji Education Society in collaboration of HBCSE. Being pioneer of this Parishad, considering this fifth venture as milestone, Shri Shivaji Science College, Amravati was offered with an opportunity to host it for the academic session of 2017-2018. This parishad was organized with the association of Dr.Panjabrao Deshmukh Memorial Science Centre, Amravati and Dr.Panjabrao Deshmukh Human Resource Development and Training Centre, Amravati. The conference was inaugurated by Hon'ble Harshvardhanji Deshmukh, President, and at the hands of Hon'ble Mr. C. R. Rathod, Deputy Director, Education, Amravati. The keynote address was delivered by Dr. Suhas B. Naik-Satam, Programme Coordinator (Scientific), Nehru Centre, Mumbai. Dr. Narendra Deshmukh, Scientific Officer – E from Homi Bhabha Centre for Science Education graced this occasion as a guest of honour. The souvenir edited by Dr. D. D. Khedkar entitle



“Learning Science : Practices and Challenges” was released on this occasion. During the workshop 14 sessions were planned as Technical Sessions, Workshops and Demonstrations. Dr. Sudhir Kumbhar, Asst. Teacher, KarmavirBhauraoPatil Vidyalaya, Dhebewadi, Tq. Patan, Dist: Sataradelived talk on 5 Es – Unique Learning Methods. Mr. Ashok Rupner, Programme Manager, The Centre of Excellence in Science and Mathematics Education (COESME), IISER, Pune has provided specially



designed teaching kit to all the participant teachers. Dr. Yogesh Kulkarni, Executive Director, Vigyan Ashram, Pabal, Pune elaborated very different and important concept of Rural Development through Education System through an informative talk. Dr. Archana Mohod, Founder, Busy Mind Science Popularization Academy, Pune has explored attention-grabbing mode of teaching Microbial world to the participants. Mr. Sanjay Tikariya, from Tikariya's Science Hobby Centre, Jalnahas conveyed outstanding approach to formulate and device own teaching aids to generate curiosity and eventual better understanding of the subject in the students. Dr. Narendra Deshmukh, played instrumental role in planning and execution of all the sessions during the conference. Overall 84 teachers participated out of them 12 teachers delivered presentation of their exceptional way of teaching. And evaluated by panel of two judges including Dr. Rajesh Patil and Dr. Sudhir Kumbhar and adjudged Mrs. Rajani A Borkute from School of Scholars, Yavatmal as “Best Science Teacher”.

On the other hand Science Galleries and Exhibition were displayed for the students and parents. 43 students from different school from entire Vidarbha region participated with their models. Master Soham Lohiya and Shree Kore were declared as “Budding Scientist” by panel of Juries comprising Dr. Archana Mohod, Dr. Archana Burghate and Dr. Neha Bhatkar. The science exhibition was visited by more than 1400 students from various schools of Amravati.

Four Science Galleries were assembled with the interactive Models and active displays with live specimens. These galleries were “World of Light” by Tikariya's Science Hobby Centre, Jalna; “Yes, You Can Do It!” by Mr Karun Hambir, Homi Bhabha Centre for Science Education, T.I.F.R., Mumbai; “Biodiversity and Our Nature” by Mr Rajesh Patil, Asst. Teacher, Saraswati Junior College, Paras, Tq. Balapur, Dist: Akola and “Conventional Seed Treasure” by Mr. Ramesh Sakarkar, Activist, Organic Farming, Dhamangaon Railway. These galleries were real feast of knowledge for all the teachers, parents and students.

The valedictory session chaired by Dr. V. G. Thakare, in the gracious presence of Hon'ble Shri Sheshraoji Khade, Secretary, with Hon'ble Mr. Sudhir Mahajan, Principal, Podar International School, Amravati and Hon'ble Mr. Mohan Atalkar, Indian Express Group.

### Department of Botany

Installation programme of the Executive for the year 2016-17 was organized on 29 July 2017. Hon'ble Hemant Kumar Meena, Divisional Forest Officer, Melghat Tiger Reserve, Amravati was the chief guest and Mr. Salim Caretaker, Wadali Bamboo Garden, Amravati was guest of honour for this programme. The workshop in collaboration with Amravati Garden Club on “Chrysanthemum Cultivation” was organized.



**Street play** in the school premises: To generate awareness amongst school children regarding the hazardous effects of POP and other unhealthy practices during Ganesh festival the street play was performed in various schools of Amravati and also in the college premises. At Shri Shivaji Multipurpose Higher Secondary School on 19<sup>th</sup> Aug 2017, Arunodaya English School on 21<sup>st</sup> Aug 2017, School of Scholars, Saibaba Vidyalay, Rajeshwari Vidyamandir and Shri Shivaji Science College Campus on 22<sup>nd</sup> Aug 2017.

Ganesh festival is one of the major festivals celebrated in our region. Every year Ganesh idols prepared with plaster of paris and chemical colours are polluting our environment hence to reduce impact of plaster of paris and save our water resources from harmful material “Matiche Ganpati Abhiyaan” campaign was organized from 23<sup>rd</sup> and 25<sup>th</sup> August 2017 to spread awareness regarding hazardous effects of plaster of paris (PoP). The inauguration was done by the hands of Honourable Ad. Arunbhau Shelke. The other dignitaries were Shivray Kulkarni, Dr. Kishor Rithe, Dr. Pranay Kulkarni, Mr. Mangesh Patil. We have received overwhelming response for this campaign 350 Ganesh idols were taken by the citizens from the stall organized in college campus.

