



REPORT
SECTION

DEPARTMENT OF BIOINFORMATICS

REPORT

A) INAUGURATION OF BIOINFO RESEARCH PORTAL AND BIOINFO CLUB (14 August 2019)

On the occasion of celebration of Golden Jubilee Year (50 years) of the college and completing 10 years of Department of Bioinformatics, BioInfo Research Portal and BioInfo Club developed for the students. On 14 Aug. 2019 'BioInfo Club' and 'BioInfo Research Portal' was inaugurated at the hands of respected Principal Dr. V.D. Nanoty in the presence of Dr. S.M. Nagrale, Head of Zoology and In-charge of Bioinformatics Department, Prof. Ram Chavan, Head of Electronics, Computer Science and IT Department, Prof. Ram Ghayalkar, Computer Science Department and other staff members of Bioinformatics Department and students. To develop research attitude in students, upgradation and updating of recent research of subject, Bioinfo Research portal developed. Through Bioinfo Research Portal, students can publish their research, scientific articles and research notes including latest and recent news. This publication carried out bimonthly, only selected and edited articles display on the portal. In his inaugural speech Principal Dr. V.D. Nanoty congratulate the students, staffs and gave best wishes to the Portal and Club. He also express his Ideas about the portal its utility, awareness and records maintenance. During program he felicitate all the club members and staff for their contribution. Prof. Ram Chavan expressed his view about establishments of department and its progress. President of Bioinfo Club Miss Archita Pundkar express her view about aims and objective of the portal and club. The Program is conducted by Miss Shraddha Sable and vote of thanks were given by Miss Lata Gihe. The whole program was conducted under the guidance and supervision of Head, Dr. S.M. Nagrale. Teaching staff Miss Sanjeevani Raut, Miss Chavan, non-teaching staff Mrs. Gite and all students put great efforts for the success of the program.

B) SEMINAR COMPETITION ON BIOINFORMATICS : SCOPES AND APPLICATION (11th September 2019)

On the occasion of celebration of Golden Jubilee Year (50 years) of the college and completing 10 years of Department of Bioinformatics, BioInfo Club organized student's seminar competition on 11th Sept. 2019 on theme 'BIOINFORMATICS : Scope and Application'.

More than 30 students of B.Sc.II and III participated in the competition. Dr. Deepak Koche was appointed as a Jury for the seminar competition. Valedictory and felicitation program for the winner students organized on 14th Sept. 2019. Principal Dr. V.D. Nanoty awarded the certificate and prizes to the winner students and also guided them through his valedictory speech. Program was organized under the guidance of Dr. S.M. Nagrale, In-charge, Bioinformatics Department and session conducted by Miss Sanjeevani Raut.

Dr S. M. Nagrale
In-charge
Department of Bioinformatics

DEPARTMENT OF BOTANY

REPORT

Department of Botany has shown its potential by participating & conducting various activities during this academic session. In this session, Golden Jubilee year of Shri R.L.T. College of Science, Akola was celebrated.

Departmental & Students Activities

1. Seminar for B.Sc. II & III year students using LCD projector, power point presentation were conducted in both sessions.
2. On the occasion of "VANMAHOTSAV" i.e. on 23.07.2019, students of 'Holy Basil Club' of Botany Department developed 'Botanical Nursery'. The activity was guided by Mrs. V.N. Badgular, Dr .P. M. Khadse, Dr. A.A. Sangole & Shri S. V. Madavi.
3. On 1st July 'Krishi Divas' was celebrated by 'Tree Plantation' & "Vruksha-Dindi" in collaboration with NSS.
4. Similarly, on Friday, 13.09.2019, Department of Botany 'Holy Basil Club' & IQAC jointly organized 'Intercollegiate Plant Anatomy Diagram Competition' for B.Sc.II yr. students. Dr. A.A. Sangole was Co-ordinator for this activity.
5. 'Ozone day' was celebrated on 16.09.2019 by Department of Botany, Holy Basil Club in collaboration with IQAC & Environment cell. On this occasion, Intercollegiate Poster competition on "Ozone layer depletion & its consequences" for B.Sc.III year students was organised. Dr. P.M. Khadse was the Co-ordinator for this event.
6. On 12.02.2020, Holy Basil Club organized Guest lecture of Dr. Vanita U. Pochhi, Assist. Prof. & Head, Department of Botany, Shri Shivaji Arts, Comm. & Science College, Chikhali, Dist. Buldhana for B.Sc.I, II & III year students. The Topic was 'Biotechnology Principals & Process'. Mrs. V.N. Badgular was Co-ordinator of this event.

Students Participation & Achievements in various Activities

1. Miss Nikita J. Upadhyay stood 2nd in the category 'Medicine and Pharmacy' in Intercollegiate research convention Avishkar, 2019-20 and selected for participation at university level.
2. Miss Pooja P. Waghela selected for participation in intercollegiate research convention Avishkar, 2019-20.
3. Our students participated in intercolligate poster competition on the occasion of Ozone day at Smt. Narsamma ACS College, Kiran Nagar, Amaravati on 16.09.2019.
 1. Mr. Akhilesh A. Puranik B.Sc. II (Secured II Rank in this competition)
 2. Mr. Om K. Kale B.Sc. II
 3. Mr. Prasad K. Gulhane B.Sc. II

श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

4. Students of B.Sc. III year participated in one day workshop of 'Bonsai Techniques & Skills' at Mahatma Fule Arts & Science College, Patur on 10th Oct. 2019.
 1. Shri Yogesh K. Katre
 2. Shri Akash M. More
5. Our students participated in poster competition at Shri Shivaji Science College, Akola on 01.02.2020
 1. Miss Gayatri Vijay Dhombre B.Sc. III Year
 2. Miss Pooja waghela B.Sc. III Year
 3. Miss Poonam Bais B.Sc. II Year
 4. Miss Shital S. Gaikwad B.Sc. I Year
6. Participation in State level workshop on carrier opportunities in Green Education, at Shri S.S. Khandelwal Arts, Science & Comm. College, Akola on 10th August 2020.
 1. Miss Pratiksha Shinde B.Sc. II Year
 2. Miss Amisha S. Mishra B.Sc. II Year

These are some Important achievement of the faculty members of the Department of Botany during the session 2019-20.

Mrs. V.N. Badgujar

She has completed Short Term Course on 'Disaster Management (6 Days)' held on 8th July 2019 to 13th July 2019 at UGC-HRDC, SGBAU, Amravati and online FDP of UGC HRDC, Gujrat University on 28.05.2020 to 03.06.2020. She has worked as Joint secretary in National Conference on Multidisciplinary Research in Science & Technology for Healthy Life Style Management & presented research paper on Friday 24th Jan. 2020 at Shri R.L.T. College of Science, Akola.

She has also worked as Rapporteur in State level workshop in "Carrier Opportunities in Green Education" organized by Shri S.S. Khandelwal Arts, Comm. & Sci. College, Akola on 10th August 2020. She has presented 2 research papers in national conference & published paper in journals. Similarly she has participated in 2 international e-conferences, e-workshops & webinars.

Dr. P.M. Khadse

He has completed Short Term Course in Research Methodology at Academic Staff College from 19.08.2020 to 24.08.2020 at HRDC, SGBAU, Amravati. He has presented 2 papers in national conferences, 1 international conference & published papers in journals. He has participated in 2 international e-conferences, e-workshops & webinars.

Dr. A.A. Sangole

She has completed 1 Online Refresher Course (SWAYAM) of 3 months duration and FDP of MHRDC, Ramanujan College, Delhi from 18.05.2020 to 03.06.2020 and FDP of HRDC, Gujarat University from 28.05.2020 to 03.08.2020.

She has also worked as resource person in e-certificate course on "Renewable energy - the demand of future" organised by Dept. of Physics at Shri R.L.T. College of Science, Akola. She has

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also presented research papers in 2 national & 1 international conferences & published papers in journals. She has also participated in 2 international e-conference, webinars and workshops.

Shri S.V. Madavi

He has presented research papers in 2 national conferences & 1 international conference and published papers in journals. He has also participated in e-conferences, webinars & workshops.

Holy Basil Club

Holy Basil Club is an association made by Botanist & students from Botany Dept. of Shri R.L.T. College of Science, Akola. This club works for social activities & creates platform for emerging young scientists and develop skills among the students.

Various Activities were taken during this session

1. Seminar Competition

Seminar competition for the students of B.Sc. II (Sem III) on the occasion of Teacher's Day, Self Governance Programme on 5th Sept. 2019.

The Department of Botany organised seminar competition for the students of B.Sc.-II (Sem III). Principal Dr. V.D. Nanoty was president of the function.

The results of Seminar competition for the students of B.Sc. II Sem III are as given below :

First position : Ku. Dyaneshwari Polkat
Second position : Ku. Devika Pathar
Third position : Ku. Prajka Verma

Consolation prize winners were Miss Aarti Kadu and Mr. Akhilesh Puranik.

2. Intercollegiate Poster Competition

On the occasion of Golden Jubilee year Celebration "Holy Basil Club" Department of Botany Environment Cell with IQAC organised "Intercollegiate Poster Competition cum Exhibition on Depletion of Ozone Layer" on the occasion of 'Ozone day', on 16.09.2019. From various colleges; students of B.Sc. III year took part in the competition. Near about 60 students presented their posters on the theme 'Depletion of Ozone layer'.

The programme was inaugurated at the hands of Principal Dr. Vijay D. Nanoty. Dr. Patil Mamad from Shri Shivaji College, Akola, Mrs. V.N. Badgujar, HOD of Botany, Dr. R.L. Rahatgaonkar, IQAC Co-ordinator were present. Welcome speech was delivered by Mrs. V.N. Badgujar. The programme was conducted by Dr. P.M. Khadse and vote of thanks proposed by Mr. S.V. Madavi. The Co-ordinator of this programme was Dr. P.M. Khadse. Useful help got from Dr. A.A. Sangole from department.

The posters were examined and evaluated by the Jury Dr. Patil Madam from Shri Shivaji College, Akola. The prizes were awarded in the form of cash prize and distributed among the three selected students from the participants.

3. Plant Anatomy Diagram Competition.

The Holy Basil Club of Botany Dept. of Shri R.L.T. College of Sci. Akola, organized an "Inter collegiate Plant Anatomy Diagram competition," on 14th Sept. 2019 in the Botany Laboratory at 12:30 pm. The 63 students were participated in this competition. Head, Dept. of Botany, Mrs. Vaishali Badgujar gave the introductory speech in the competition. The event was judged by the very experienced senior faculty member Dr. Pratiksha S. Kokate, HOD. Dept. of Botany, Shri Shivaji Sci. College, Akola.

The results of "Inter collegiate Plant Anatomy Diagram competition" for the students of B.Sc.II, Sem. III are as given below :

First position	: Ku. Aishwarya Sonone	Shri R.L.T. College of Science, Akola
Second position	: Ku. Darshana Tapare	Shri R.L.T. College of Science, Akola
Third position	: Ku. Aishwarya Punse	Shri R.L.T. College of Science, Akola
1 st Consolation prize	: Mr. Sankalp Gajghate	Shri Shivaji Science, Akola
2 nd Consolation prize	: Ku. Ashwini Bolwankar	Shri R.L.T. College of Science, Akola

4. Guest Lecture

On the occasion of 'Golden Jubilee Year' Dept. of Botany 'Holy Basil Club', IQAC & Environment Cell organized Guest Lecture on 12th Feb. 2020 at 12.00 noon. The Function was inaugurated by Dr. V.D. Nanoty. He was president of the event. Guests Dr. V.U. Pochhi & Mrs. A.S. Deshmukh were felicitated by Dr. V.D. Nanoty & Environment Cell for their contribution in serving the environment.

Recently, Dr. P. M. Khadse has received Ph.D. Degree, he was also felicitated by the Dept. for his achievement at the hands of Principal Dr. V.D. Nanoty.

Guest speaker Dr. V.U. Pochhi, Asso. Prof. & HOD. of Botany, Shri Shivaji Science College Chikhali and Prof. A.S. Deshmukh, Dept. of Zoology (Jr. College), Dr. U.K. Bhaleker, HOD, Microbiology of Shri R.L.T. College of Science, Akola graced the occasion. Prof. V.N. Badgujar introduced and explain the moto of the programme and welcome the guests. She also highlights the work of 'Holy Basil Club'. The programme was conducted by Dr. A.A. Sangole.

On this occasion the newly form body of 'Holy Basil Club' 2019-20 was announced. Mr. Nikhil Sharma was selected as President & Miss. Gayatri Dhombre was selected as Vice-President along with 11 members. Mr. S.V. Madavi proposed vote of thanks. 197 students were present for this guest lecture. Dr. Archana Amley, Dr. Poonam Agrawal, Dr. Kavita Heda, Dr. Rashmi Joshi were present for this event. All the teaching staff, Mrs.V.N. Badgujar, Dr. P.M. Khadse, Dr. A.A. Sangole, Prof. S.V. Madavi, Dr. M.J. Naise & non-teaching staff, Shri. G.P. Sharma, Shri P.M. Salphale, Shri R.S. Dandnaik, Shri H.A. Umbarkar, Shri Satish Shirsat took efforts for the success of the programme. All the students of Holy Basil Club also work hard for the programme.

Mrs. V. N. Badgujar
Head
Department of Botany

DEPARTMENT OF CHEMISTRY

REPORT

It is with great pleasure I share with you the annual report of chemistry department for the session 2019-20 of Shri R.L.T. College of Science, Akola. Department is contributing significantly in creating and disseminating knowledge in various areas through undergraduate, postgraduate and doctoral programmes and providing an education through practically focused, multidimensional, quality teaching-learning process in excellent academic environment. In our pursuit of excellence, we persistently seek and adopt innovative methods to improve the quality of education. The benchmarks we set for ourselves in the field of teaching and research propel us in our journey towards excellence. Faculty of the department comprises qualified and goal-oriented members and always at forefront to organize various academic activities to inculcate effective learning abilities and research skills, to extend the intellectual depth, to make students creative, innovative and self-reliant.

To expose the students in the frontier areas in chemistry and to enhance employability skill of them, department is always ahead in performing the various academic activities. The important academic activities and the programmes organized by the department of chemistry during the session 2019-20 are as mentioned below.

Inauguration of 'CRYSTAL Club'

To enhance the academic activity of student and to increase the participation of student in social activity, department of chemistry has decided to establish one student club and in view of this our department establishes 'CRYSTAL Club' (*Chemical Research by Young Scientist & Technicians Aborting Lacking of Society*) which was inaugurated on 7th September 2019. Principal Dr. V. D. Nanoty was the president for this function and Dr. U.K. Bhalkar, Head, Department of Microbiology was the inaugurator for the function. Presence of head's of various departments had been added grace to this function. Ms. Roshni Gallani was the student President of this club and students from M.Sc. I & II year are the members of this club with some officiating body.

Poster Presentation Competition

On occasion of Golden Jubilee year of the college, Department of Chemistry's CRYSTAL Club organized Intercollegiate Poster Exhibition cum Competition on the topic Green Chemistry and properties of elements. Also the students of M.Sc.II year represented different elements their importance and properties on occasion of International year of periodic table dated on 19th October 2019. Total 20 students from various colleges of S.G.B. Amravati University, Amravati participated in the Poster Competition. Dr. V.D. Nanoty, Principal, Shri R.L.T. College of Science was the President, Dr. M.T. Sangole, Asst. Professor, Shri Shivaji College, Akola and Mrs. Sakhare, Sinha College, Patur were the jury for the programme. Many students visited the exhibition and get benefited by this programme. All the staff members and members of crystal club organized the event successfully.

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The aim of the Poster Presentation Competition was to bring the environment awareness among the students and also to cover their academic syllabus. This activity motivated the students to participate in various co-curricular activities and also developed self confidence in them.

First position : Ku. Komal S. Pote, Shri Shivaji Arts, Commerce & Science College, Akola

Second position : Ku. Sonali S. Wakode, Shri R.L.T. College of Science, Akola

Third position : Ku. Pratiksha H. Mhatre, Shri R.L.T. College of Science, Akola

1st Consolation prize : Poonam V. Guhe & Mayuri S. Nawalkar, Shri Shivaji Science College, Akot.

2nd Consolation prize : Shruti A. Panchbhai, Shri R.L.T. College of Science , Akola

The results of "Oral Presentation of Periodic Properties of the Element",

First position : Ku Supriya Sahu, Shri R.L.T. College of Science, Akola

Second position : Ku. Shubhangi G. Dhole, Shri R.L.T. College of Science, Akola.

The important academic activities of department of chemistry during the session 2019-20 are as highlighted below.

Seminars and group discussions

The seminars and group discussions of B.Sc.-II & III students were conducted in the months of September, October-2019 and February, March-2020 under the supervision of all the staff members of the department.

Organization of Online Chemistry Aptitude Test (Quiz Competition) for B.Sc. Students

Department of Chemistry developed e-module of online test conduction and conducted the online aptitude quiz test of B.Sc.-I students on 10th March 2020. The student who stood first was given a text book in the form of gift. Total 70 students participated in this test. Dr. Ashish Sarap, Shri V.D. Deotale and Dr. P.T. Agrawal coordinated this test.

Atchem ... Aptitude Test in Chemistry

To create interest in chemistry, assess the conceptual understanding and to upgrade the subject knowledge, aptitude test in chemistry was conducted for B.Sc.-III year students on 4th & 17th March 2020. Total 356 students were participated in this test. Ms. Meghna A. Pawar and Ms. Monal N. Bhoje have achieved the 1st and 2nd position respectively. Students were given Cash Prize of Rs. 501/- and 301/- respectively for 1st and 2nd Position. Dr. Pradip P. Deohate was the convener of this test.

Poster Competition on Periodic Table

On the occasion of Golden Jubilee Year of Shri R.L.T. College of Science, Akola and International Year of Periodic Table of Chemical Elements, Department of Chemistry organized the Poster Competition on Periodic Table on February 4, 2020 in Room No. 5 at 2.00 pm. Dr. V. D. Nanoty, Principal, Shri R.L.T. College of Science, Akola had inaugurated the Poster Competition, Dr. P.T. Agrawal, Head, Department of Chemistry was the chief guest of the event and all the faculties were present to encourage the students. As a part of curriculum and celebration of Golden Jubilee Year of Shri R.L.T. College of

Science, in all 114 students were presented the poster on Periodic Table prepared by their own in a group of five. They had illustratively explained the s-block, p-block, d-block, f-block and properties of metals and non metals etc. The two groups were awarded with first and second prize and felicitated at the hands of Principal Dr. V.D. Nanoty, Dr. P.T. Agrawal and Dr. P.P. Deohate by offering books and certificate. Dr. K.M. Heda, Mr. S.C. Zyate were worked as judges for the Poster Competition. Dr. Pravin Kawle was the incharge for this activity.

General Aptitude Test in Chemistry

On the occasion of Golden Jubilee Year of Shri R.L.T. College of Science, Akola and International Year of Periodic Table of Chemical Elements, Department of Chemistry organized the General Aptitude Test in Chemistry on February 26, 2020 in digital classroom at 2.00 p.m. Dr. V.D. Nanoty, Principal, Shri R.L.T. College of Science, Akola and Dr. P. T. Agrawal, Head, Department of Chemistry had visited and encouraged the students. In order to create interest among the students about chemistry and celebration of Golden Jubilee Year of Shri RLT College of Science, in all 26 students from B.Sc-III had been participated in the test. The AUCTA used to felicitate the top three students every year and they will be awarded with first, second and third prize with medal in annual meet of AUCTA.

Mr. S.C. Zyate and Mr. S.R. Jaiswal had conducted the test and worked as invigilators for the test, Ms. Bhandari Madam had evaluated the answer sheets of the students and Dr. Pravin Kawle, Asst. Professor, Department of Chemistry, Incharge, GAT-2020 and teaching staff also took efforts in conducting the test.

Educational Study Tour

On the occasion of Golden Jubilee year celebration, the B.Sc.-II (B1) & B.Sc.-III (P1 to P6) students from Physics & Chemistry Departments of Shri R.L.T. College of Science, Akola visited CSIR-Indian Institute of Chemical Technology (IICT), Hyderabad, Telangana on National Science Day 28th February 2020. The National Science Day programme was organized by CSIR-IICT, which was attended by the students and faculties of the college. It was great opportunity to listen Shri P. Raghvendra Rao, IAS, Secretary, Department of Chemical and Petrochemical, Ministry of Chemical and Fertilizers, Govt. of India, who was emphasized the chemical export and women empowerment in India. He also commented that India would become leading nation in producing antibiotics in near future. The woman has to play vital role in the field of research and development in science. Dr. Chandrasekhar, Director, IICT has also explained the significant contribution of IICT in the discovery of pheromones during the educational visit. He expressed the contentment for working efficiency of women of IICT who representing as a head of five different divisions of research laboratory in IICT. The students and faculties had also visited x-ray machine, PP2, semi chemicals, NMR machine, applied biology, BEES Lab & few other labs. A group of students interacted with scientist and researchers of various laboratories.

Apart from this students accompanied with faculties also visited Birla Planetarium and Museum, Salar Jung Museum on 29 February 2020 and collected some useful information regarding space science and historical objects. The department of Physics and Chemistry of Osmania University was also became a part of educational tour, where students gone through X-ray diffraction techniques and

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UV-Visible spectrophotometer technique operation on 01/03/2020. Dr. Prasad, H.O.D. of Dept. of Physics, Prof. Ravindra, B.O.S. Chairman in the subject of Physics and Dr. Venkiah, H.O.D. Dept. of Chemistry, have encouraged the students to pursue post graduation in relevant subject and work for betterment of society. The journey started on 27th February 2020 and come to an end on 2nd of March 2020. In all 38 students and 4 faculties participated in the tour.

The entire tour was planed and organised by Mr. Shailesh Jaiswal, Asst. Professor, Dept. of Physics and Dr. Pravin Kawle, Asst. Professor, Mr. Sankesh Zyate, Asst. Professor and Miss. Nikita Zyate, Dept. of Chemistry under the guidance of Principal Dr. V.D. Nanoty, Shri R.L.T. College of Science College, Akola and all faculty members of the college.

Consultancy services

Consultancy services like analysis of drinking water, irrigation water, determination of physico-chemical parameters and different types of estimations of samples of projects of school and college students are engaged.

The important achievements of the faculty members of department of chemistry during the session 2019-20 are as highlighted below.

- **Dr. Pradip P. Deohate** has been selected and promoted as Associate Professor on 10th October 2019. He has published 6 research papers in national / international journals. He has participated in 4 national conferences, 1 seminar and presented 5 research papers. He has conducted 1 state level online certificate course STC-2020 as the convener and 2 national / state level online workshops OTSIL-2020 and IPR-2020 as the organizing secretary. He has attended several national / international online conferences, workshops, webinars, certificate courses, quizzes, faculty development programmes and health emergencies / awareness programmes. Under his guidance 1 student is doing the Ph.D. research work. He has guided 2 students for research project. His 2 scientific articles were published in college science magazine *infoSCIENCE*. He has worked as the member of subject examination committee of S.G.B. Amravati University, Amravati and sectional coordinator of pure science category in Avishkar- Akola district research convention. He is working as the chief editor of AUCTA Newsletter and editor of science magazine *infoSCIENCE*. He has worked as the editor-in-chief of souvenir of national conference NCMRST-2020 and the editor of Aayushi International Interdisciplinary Research Journal NCMRST-2020 special issue. He has also worked as the editor of AUCTA's handbook for chemistry laboratory staff. He has worked as a Vice-Chancellor's nominee of selection committee, resource person and jury member for various academic and scientific programmes.
- **Dr. Poonam T. Agrawal** has published 4 research papers in international journal. She has participated in 5 conferences, 1 workshop and presented 5 research papers. She has guided 3 students for research project and one student for Avishkar. She worked as a course coordinator for the four days soft Skill development workshop organized by Shri R.L.T. College of Science, Akola in collaboration with S.G.B. Amravati University Amravati. She has worked as a resource person and jury member for various academic and scientific programmes. She delivered guest lecture at

Shankarlal Khandelwal College, Akola on occasion of Science day on 28th February. She was the course coordinator for Pre-Ph.D course work. She has conducted Trained the Trainer workshop for Avishkar coordinator of various colleges of Akola District. She worked as a District Coordinator for District Level Avishkar Festival of Sant Gadge Baba Amravati University, Amravati. She has been appointed as a Coordinator for Online E-Learning Outreach Programme of IISR, Deharadun.

- **Dr. Pravin R. Kawle** has published 3 research papers in international journals. He has participated in 4 conferences, 2 workshops and presented 4 research papers. He has guided 3 students for research project and one student for Avishkar. He has completed ARPIT Refresher Course in Chemistry. He has worked as jury for oral competition of Motivational Science Workshop organized by AUCTA at Chikhaldhara.
- **Dr. Kavita M. Heda** has published 3 research papers in national and international journals. She has participated in 4 conferences, 1 workshop and presented 4 research papers. She has guided 3 students for research project. She has worked as a coordinator for poster competition programme. She has completed ARPIT Refresher Course in New Skills for New Education Architecture.
- **Dr. Ashish G. Sarap** has published 1 research papers in international journal. He has participated in 2 conferences and presented 2 research papers. He has guided 3 students for research project.
- **Mr. Vinod D. Deotale** has published 2 research papers in international journals. He has participated in 2 conferences and presented 2 research papers. He has guided 3 students for research project.
- **Mr. Shankesh C. Zyate** has presented 2 research paper in conference. He has started the NET/SET Coaching class for the M.Sc. students of our department. He has guided 3 students for research project.
- Research student **Ms. Kalpana A. Palaspagar** is working for Ph.D. degree in research laboratory of department of chemistry. She has also published research papers in national and international journals, attended the conferences and presented research papers. Dr. Pravin Kawle, Mr. Sankesh Zyate & Ms. Nikita Awazare has completed Pre-Ph.D. Course and has applied for Ph.D. from our centre.

Students are at the centre of all endeavors in Department of Chemistry. During the session 2019-20, additions to the students' achievements are as follows.

- **Ms. Namrata Lohiya** (B.Sc.-III) stood 5th Merit in the merit list of Sant Gadge Baba Amravati University, Amravati in summer 2019.
- **Ms. Shraddha Akhare** (M.Sc.-II) has participated in district and university level research festival "Avishkar" and achieved the colour coat of S.G.B. Amravati University, Amravati. She was guided by Dr. P.T. Agrawal.

She has achieved 2nd prize of Oral Presentation in National Conference on Multidisciplinary Research in Science And Technology for Healthy Life Style Management on 24th January 2020.

She has achieved 1st prize in university level intercollegiate Research poster competition organized by Shri Shankarlal Khandelwal College, Akola in collaboration with AUCTA on 3rd March 2020.

- **Ms. Shrutika V. Kadam** (M.Sc.-I) has achieved 1st prize in state level intercollegiate seminar competition organized by M.S.P. Arts, Science & K.P.T. Commerce College, Manora on 28th February 2020.
- **Ms. Ankita Koagde** (M.Sc.-I) has participated in university level intercollegiate seminar competition organized by Dr. R.G. Rathod College, Murtizapur in collaboration of AUCTA.

Initiatives taken by Chemistry Department for the Society, Teacher Fraternity & Students

State Level Online Certificate Course in Spectroscopic Techniques in Chemistry (STC-2020)

The state level online certificate course in spectroscopic techniques in chemistry, STC-2020 was organized by Department of Chemistry during 04.05.2020 to 11.05.2020 to provide detailed updated information to the participants about various spectroscopic techniques related to subject chemistry through videos, power point presentations, MCQ's on ¹H-NMR, Mass, IR spectroscopic instrumental techniques. Total 501 participants were participated in this certificate course. Dr. Pradip P. Deohate was the convener of this certificate course.

National Online Workshop on Operating Techniques of Scientific Instruments in Laboratory (OTSIL-2020)

The national online workshop on operating techniques of scientific instruments in laboratory, OTSIL-2020 was organized in collaboration with IQAC during 11.05.2020 to 15.05.2020 to make the participants familiar with operational techniques of scientific instruments commonly used in laboratories for undergraduate and postgraduate studies in basic sciences. Total 554 participants were participated in this certificate course. Dr. Pradip P. Deohate was the organizing secretary of this workshop.

State Level Online Workshop on Intellectual Property Rights (IPR-2020)

The state level online workshop on intellectual property rights, IPR-2020 was organized in collaboration with IQAC during 23.05.2020 to 29.05.2020 to share the information about common intellectual property rights like patents filing, copyrights, registered designs and trademarks with participants. Total 505 participants were participated in this workshop. Dr. Pradip P. Deohate was the organizing secretary, Dr. Sushil M. Nagrale was the convener and Dr. Anjali A. Sangole, Mr. Vinod D. Deotale were the organizing committee members of this workshop.

Online Innovative Magazine Publication on the Eve of World Creativity and Innovation Day (21st April 2020)

P.G. Department of Chemistry had published online magazine on World Innovation Day on the eve of World Creativity and Innovation Day on 24th April 2020. Total 17 students of P.G. Department of Chemistry gave one Innovative theme/ Idea and these concepts were compel in the form of magazine which was published online on 24th April 2020. Dr. Poonam Agrawal was the coordinator and editor of this magazine and Dr. Kavita Heda and Dr. Ashish Sarap were the member of editorial board.

Online Short Term Course on Research Methodology

Four days Online Short Term Course on Research Methodology was being organized by Shri R.L.T. College of Science, Akola in collaboration with Ph.D. Cell, Sant Gadge Baba Amravati University, Amravati and Amravati University Chemistry Teachers Association and Microbiologist Society, India from 13th July to 16th July 2020. The programme was started with university song. Principal Dr. V.D. Nanoty Delivered the welcome Speech and Hon'ble Dr. Hemant Deshmukh, Director Board of Examinations and Evaluations gave the introductory remark.

The Online Short Term Course was formally inaugurated by Hon'ble Vice-Chancellor of Sant Gadge Baba Amravati University, Amravati, Hon'ble Dr. Murlidharji Chandekar, followed by stimulating speech of Hon'ble Vice Chancellor, Dr. F.C. Raghuwanshi, Dean Faculty of Science and Technology gave a motivational speech. Dr. P.R. Rajput, President, AUCTA and Dr. A.M. Deshmukh, President, MSI also gave their best wishes to the online short term course.

Dr. Tushar Deshmukh, Registrar, Sant Gadge Baba Amravati University, Amravati also expressed his views on this occasion and admired that he is feeling proud to be an alumni of Shri R.L.T. College of Science, Akola. It is really a proud moment for all of us.

Dr. Harish Malpani proposed the vote of thanks by giving best wishes of Hon'ble President Adv. Motisinghji Mohta and Shri Pawanji Maheshwari, Hon. Secretary, The B.G.E. Society, Akola.

Online Soft Skill Development Programme

Online soft skill development programme was organized by Department of Chemistry of Shri R.L.T. College of Science, Akola on 25th May 2020. Total 702 participants were participated in this programme. Dr. Poonam Agrawal was coordinator of this programme and Dr. Ashish Sarap was co-coordinator.

Online Corona Awareness Programme

Online Corona Awareness Programme Covid-19 was organized by Department of Chemistry of Shri R.L.T. College of Science, Akola on 27th May 2020. President of the Berar General Education Society. Adv. Motisinghji Mohta Sir addressed the society about this pandemic condition of Covid-19. Principal Dr. V.D. Nanoty gave awareness video for this programme. Large number of participants were participated in this programme. Dr. Poonam Agrawal was coordinator of this programme and Dr. Ashish Sarap was co-coordinator. Total 911 beneficiaries were there for this awareness programme.

Online Workshop on Chemistry Practical in Collaboration with IQAC

Online Workshop on Chemistry was organized by Department of Chemistry of Shri R.L.T. College of Science, Akola in collaboration with IQAC of the college on 27th May 2020. Dr. Poonam Agrawal was coordinator of this programme and Dr. Ashish Sarap was co-coordinator. Total 2050 students and teachers were participated in this workshop.

Online Skill Development Workshop Under the Theme of My India My Development - 'Aatmanirbhar Bharat'

Online Workshop on Skill Development under the theme of My India My Development - 'Aatmanirbhar Bharat' was organized by Department of Chemistry of Shri R.L.T. College of Science, Akola on 21st May 2020. Dr. Poonam Agrawal was coordinator of this programme and Dr. Ashish Sarap was co-coordinator. Total 550 participants were enrolled for this workshop.

State Level Online Quiz on Biomolecules

Department of Chemistry had organized State Level Quiz on the Biomolecules on 23rd May 2020. Dr. Kavita Heda was the doordinator for this Quiz Competition, Dr. Poonam Agrawal was the convener and Dr. Ashish Sarap was the co-coordinator for this Quiz Competition. Total 460 Students were participated in this quiz competition.

Awareness Programme for Hand Wash and Preparation and Distribution of Hand Sanitizer by Department of Chemistry

Department of Chemistry took initiation in the month of March only to bring the awareness of Covid-19 diseases by preparing flex and bringing awareness about corona diseases by the Principal of our college Dr. V.D. Nanoty. Dr. Poonam Agrawal, Head Department of Chemistry and all the staff members took initiation for the preparation of hand sanitizer in Chemistry Department and show the demo to all the teaching and non-teaching staff members how to use it on 6th August 2020.

Dr. P. T. Agrawal

Head, Department of Chemistry
In-charge, P.G. Department of Chemistry

DEPARTMENT OF COMPUTER SCIENCE & IT

REPORT

Department of computer science established in 1st July 1997 and Information Technology introduced in the year 2010-11. Computer Science Department grant aid in April 2012 and first post of Assistant Professor filled in 2014. Department runs various activities throughout the session like regular students' Seminar, Project as per the curriculum.

Activities Conducted by Department

● Spoken Tutorial Project - IIT Bombay

Department of Computer Science & I.T. organized Spoken Tutorial Project for student of B.Sc.II & B.Sc.III, their training was organized in Feb.-2020 and online assessment test conducted on 13-03-2020 & 23-04-2020 (re-test). In this training students learned FOSS (Free and Open Source Software) C++ & Java by Audio-Videos Spoken Tutorials.

Spoken Tutorial Project is followed by Training & Online Assessment Test remotely conducted by IIT Bombay, qualified students (above 40% marks) offered certificates by IIT Bombay. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India. In final assessment test on C++ Language 19 (out of 35) and JAVA language test 12 (out of 24) students get qualified and issued certificates which were offered by the Spoken Tutorial Project, IIT Bombay, which are very valuable in their career point of view.

● Techno Week

Department of Computer Science & I.T. organized two Guest Lectures and one Workshop from 07 Sept. to 17 Sept. 2019 in the session 2019-20. First Guest Lecture on topic "Logic behind programming and current trends in computer science and I.T. sectors" delivered by Dr. Mamta Baheti from Hislop College, Nagpur on 07-09-2019. Second Guest Lecture on topic "Understand Industry 4.0 and Modern IT Industry Requirement" delivered by Mr. Vijay A. Tathe, CEO of Microspectra Software Technologies Pvt. Ltd, Khamgaon on 17-09-2019.

Three days workshop on "ANDROID APPLICATION DEVELOPMENT" which was conducted by faculties of Microspectra Software Technologies Pvt. Ltd, Khamgaon from 11-09-2019 to 14-09-2019. In this workshop 36 students participated and make their own basic app, which can be installed in mobile.

● Guest Lecture

Department of Computer Science & I.T. organized Guest Lectures on 31 January 2020 of Mr. Kalpesh Beldar, CEO at Beldar Tech-Flake and Network Security Engineer, Network Manager, Google India Pvt Ltd presented carrier opportunities in the I.T. Industries as well as explained their company details and criteria for placement in Beldar Tech-Flake and also their experience with Google and its services and challenges.

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This Guest Lecture was organized for the benefit of students, specially B.Sc. III Computer Science & I.T. More than 50 students had attended this program and get benefited. Teaching Faculties members of Computer Science & I.T. departments were also present.

● Online Activities

1. National Level Webinar

Department of Computer Science & IQAC of Shri R.L.T. College of Science Akola (MS) organized a National Level Webinar on Cyber Security in Present Scenario and Career Opportunities in the Fields on 04 June 2020 at 11:00 am. Resource Person of Webinar was Shri Shrikant Ardhapurkar, M.S. IIIT-Allahabad, Founder of Crypto Forensic Technology, Nagpur.

More than 650 participant registered for the Webinar from all over the country. Webinar was presented online on Zoom Meeting Software / App as well as Youtube link. It was very beneficial for students, faculty members and everyone who uses internet and digital gadgets and also focus on the career opportunities in the field of cyber security and forensic science.

2. Online Awareness Programme

COVID-19 Pandemic General Awareness Online Quiz was organized and offered certificate by Shri R.L.T. College of Science Akola to more than 650 people who appeared for this quiz.

3. Online Faculty Development Programme - FDP on Latex

Online Faculty Development Programme - FDP on Latex in collaboration with Spoken Tutorial Project, IIT Bombay for faculty members was organized. Total 49 faculty members from all over Maharashtra get benefited by FDP on Latex.

From Department of Computer Science Assistant Professor Mr R. B. Ghayalkar had taken initiative to organized above mentioned Webinar, FDP on Latex and Online Awareness Quiz Programme. He had successfully completed three FDPs and one STTP. He had worked as a resource person and committee member of online FDP on development of e-content by our college as well as attended one International conference and different webinars. He has also presented & published following research papers.

- "Review on Social Media Sentimental / Opinion Analysis" in the National Conference on Recent Advances in Physical and Mathematical Sciences (NCRAPMS-2020) organized by Shri Shivaji College of Arts, Commerce & Science, Akola on 18th Jan. 2020.
- "Avoid Duplicated Space For Same Files Specially On Social Media" in the National Conference on Multidisciplinary Research in Science and Technology for Healthy Lifestyle Management (NMRST-2020) organized by Shri R.L.T. College of Science, Akola on 24th Jan. 2020

He worked as Co-author of Text Book of Computer Science Data Structure and C++, B.Sc.II, Sem-III, Dyanpath Publication, July 2019.

Mr. R. B. Ghayalkar

Assistant Professor

Department of Computer Science & I.T.

DEPARTMENT OF LANGUAGES

REPORT

The academic session 2019-20 has been a special one being the golden jubilee year of establishment serving the society through dedication of preservable of moral values imparting science education over a period of time. The college has been consistent with its tradition of meritorious students every year. The principle Dr. V.D. Nanoty being a visionary realist and his integrity to the work has always given all his energy for the betterment of the college. He cherished a dream in the beginning if the session itself a resolved upon undertaking about 50 monumental projects on this red letter year in the history of the college.

The Department of Languages consists of Three Languages Marathi, Hindi English, having one permanent faculty and rest 3 contributory Teachers in all. Who all are serving with utmost dedication through teaching not only prescribed syllabus but also inspire students to achieve success in various competitive exams.

Achievements

The department has brought laurel to the college every time like previous year this year too has been remarkable so far as achievements are concerned. Mr A.B. Khedkar attended a national conference NCMRST-2020 organised by Shri R.L.T. College of Science, Akola, and also published a research paper in the conference.

He also qualified UGC NET Exam, December 2019 in the subject English. He also passed research methodology exam of Ph.D. coursework held recently. He also completed an online workshop on poetry organized by Ateliar Enigma along with it attended a seven days FDP on effective ways of creating E-content organised by KTHM College, Nashik. He also attended various conferences and webinars virtually.

On account of lockdown during the unprecedented Covid-19 situation from March end. colleges had to be shut down and yet teaching learning was still going on continued till the completion of syllabus via Google-classroom and E-pathshala. Online tests via testmoz and google form to assess the knowledge of students were also conducted.

Apart from academic activities the department has played a remarkable role in organising various online competitions, like online Essay Competitions in association with the college library in April 2020, interschool and intercollegiate elocution competition in Sept. 2019. The online SMART English e-certificate course was conducted on google form which got tremendous response across the country, benefited about 2,425 participants and also received good feedback in return. The department also took initiative in organising an online Essay writing and drawing contest on the occasion of 15th of August 2020 in collaboration with the N.S.S. unit of college.

Thus, the academic year 2019-20 has been a fruitful as well as eventful year in all spheres of academic development of the college.

Mr. A. B. Khedkar
Assistant Professor in English
Department of Languages

LIBRARY & INFORMATION CENTRE

REPORT

The Library has been constantly improvising and implementing new ideas. As application of new methods and ideas give birth to creativity and new knowledge. The Department of Library is marching on the same path, various subject new books as every year is introduced this year too. Magazines, Journals, Periodicals, Reference Books, DVD's, CD's, News Papers and various types of competitive exam. related books along with the 'Diwali Issues' are too introduced for the taste of local literature.

As a part of education oriented programme our library launches 'Network Resource Centre' i.e. NRC attached with INFLIBNET. These are main educational sources of UGC and Govt. of India. Through this programme students of college, researchers, faculty members, users in various fields of knowledge can use these books and journals likely called e-books and e-journals in this programme. Library introduced "Earn and Learn" scheme, in which students are given encouragement to stand on their feet economically, so they can earn. These living even while they learn they are assigned with the works like filling in the online application forms during admission process and scholarship forms too.

Like every year this year too "14 Tas Abhyas Vikasayacha Dhyas" is the best practice of the college Library every year gives its 100% for the success of this programme. Which happens to be on 14th April on the birth anniversary of Dr. Babasaheb Ambedkar. As a part of 'World Book Day' celebrated on 23rd April, 'Best Reader' awarded every year. We displayed great thoughts by great thinkers every day. Like every year this year too "Vaachan Prerna Diwas" was celebrated on 14th October. The birth anniversary of Dr. A.P.J. Abdul Kalam and quiz contest was also organized for students and winning team was gifted with books at the hands of the respected Principal Sir. New arrival of book is displayed on display board. We develop the students for culture activity. Every year we celebrate the birth anniversary of father of Library Science Dr. S.R. Ranganathan. This year "Creative Writing Competition" was organized by library in association with Department of Languages for students to enhance the skill of writing

Some of the activities that held after March were conducted virtually due inevitable lockdown condition because of COVID-19.

Mr. M. R. Ubale
Librarian
Library & Information Centre

DEPARTMENT OF MATHEMATICS

REPORT

Department of Mathematics is one of the major department of Shri R.L.T. College of Science and is having granted PG course. The research activities in Mathematics is also run by the department under the guidance of Dr. S. M. Padhye (former H.O.D.). Some of the important educational activities and achievements of students and faculty members of the department during the session 2019-20 are highlighted as below.

In the session 2019-20 the college reopened on 10.06.2019. All the teachers and staff joined at 11.00 am in the morning and started their respective works.

● Departmental staff :

(i) Dr. Ms. S.B. Tadam (H.O.D. & Asst. Prof.)

(ii) Dr. S.L. Munde (Assistant Prof.)

(iii) Mr. Gautam Ingole (Non-teaching)

● The admission process of B.Sc.I and M.Sc.II started on 10.06.2019.

● All the teachers started their works of respective college committees.

● Students strength of the department :

Sr.No.	Class	No. of Students	No. of Sections
1	B.Sc.I	164	2
2	B.Sc.II	185	2
3	B.Sc.III	151	1
4	M.Sc.I	96	1
5	M.Sc.II	94	1
	Total	690	7

● Number of C.H.B. teachers : 1 for U.G.

● Number of Contract Basis teachers : 3 for P.G. and U.G.

● Academic activities like Seminars, Project Assignment and Group discussions were conducted online as well as offline for B.Sc. 1st, 2nd & 3rd, M.Sc. 1st & 2nd students in the month of September, October 2019 and February, March 2020.

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- Test series was taken for students of M.Sc., in which all students actively participated. Students solved the question papers; the solved question papers were collected by the teachers and distributed among the students randomly for evaluation. After that the topic of the test and evaluation of answer sheets was discussed. In this way students solved the question papers and got the experience to evaluate the answer sheets. In this way students get proficiency in the same topic as it is repeated over and over again. Thus the purpose of taking the test series was achieved.
- A Regional Mathematics Olympiad examination is conducted by the department every year for the students of 9th, 10th and 11th standard of the Amravati region. This year the exam was conducted successfully on sunday 10th November 2019.
- On the occasion of Golden Jubilee celebration of Shri R.L.T. College of Science, the department of mathematics in collaboration with Alumni Association and IQAC organized a guest lecture on the topic "Mathematical Patterns of Share Market Fluctuations" by Mr. V.L. Ruiwale, Ex. Asso. Professor, Shri R.L.T. College of Science, Akola on saturday 12th October 2019. The members of the organizing committee were Dr. R. L. Rahatagonkar (IQAC Co-ordinator), Dr. S.B. Tadam (H.O.D), Dr. S.L. Munde (Asst. Prof.), Mr. Y.O. Heda, Ms. Asma Fatima and Ms. Karuna Sharma. All the students of M.Sc. Ist and IInd year (Maths) attended the lecture.

The President of the program was Principal Dr. V.D. Nanoty. The program was also graced by the presence of Mr. M.R. Ubale (Librarian) & Mr. R.M. Agrawal (Asst. Prof.), Mr. Manish Sachdev & Mr. Nilesh Deoke, Financial Advisor since last fifteen years. The introductory speech was given by Dr. S.B. Tadam (H.O.D) in which she advised the students on the importance of application of mathematics and its uses. In presidential speech Principal Dr. V.D. Nanoty sir glorified the fifty years that the college is about to complete this year. He also motivated students to gain knowledge to build a strong future.

After a short introduction about the speaker given by Miss Asma Fatima, Mr. V.L. Ruiwale, began his lecture, giving a brief insight on share market he moved on with the mathematical aspects in calculating the trends in the share market. The lecture was quite productive for all the listeners who wanted to have knowledge on how to invest their money and how to grow it.

He said that investment should start from a young age. In addition, during the lecture, the students learn how to calculate the risk factor in the market. He advised the students to learn relevant theory before entering the market and how not to play the blind game. The lecture was not only informative but also aspired students, teachers and all the listeners to gain an insight on financial planning.

The conduction of the program was done by Miss Asma Fatima Ab Jabbar and Miss Karuna Sharma proposed the vote of thanks.

- During this session Dr. S.B. Tadam has published one research paper in International Journal and also present one research paper in National Conference.

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- During the session 2019-20 the achievements of the department are shown in the following table.

Sr. No.	Name of Faculty/ Students	Designation/ Class	Achievements
1.	Dr. Sujata B. Tadam	Assistant Prof. & H.O.D.	1] Awarded Ph.D. Degree in the subject Mathematics under the guidance of Former HOD Dr. S. M. Padhye. Title of the thesis is "Study of Uniformly Continuous Spaces and Compactness Related Concepts in Uniform Spaces And Proximity Spaces". 2] Worked as a joint organising secretary for the National Conference on Multidisciplinary Research in Science and Technology for Healthy Lifestyle Management" on Friday 24 th January 2020.
2.	Dr. Priti P.Umarkar	Research Scholar	Awarded Ph.D. Degree in the subject Mathematics under the guidance of Former HOD Dr. S.M.Padhye. Title of the thesis is "Study Of Uniformitable Topological Spaces And Its Relation To Compactness In Uniform And Proximity Spaces".
3.	Dr. Rajeshree D. Nanaware	Research Scholar	Awarded Ph.D. Degree in the subject Mathematics under the guidance of Former HOD Dr. S.M.Padhye. Title of the thesis is "Properties of the Spectral Operators on Different linear Spaces".
4.	Ms. Sandhya S. Mhaske	CHB Teacher and Student of NET-SET Class	Qualified the State Eligibility Test (SET) held on 11 th October 2019 in the subject Mathematical Sciences
5.	Mr. Pradip R. Surushe	PG Student and Student of NET-SET Class	Qualified the State Eligibility Test (SET) held on 11 th October 2019 in the subject Mathematical Sciences
6.	Ku. Dipali Bhojane	PG Student	5 th Merit in M.Sc. Mathematics, S.G.B.A.U., Amravati
7.	Ku. Namrata Lohiya	UG Student	5 th Merit in B.Sc., S.G.B.A.U., Amravati

Dr. S. B. Tadam
Head
Department of Mathematics

DEPARTMENT OF MICROBIOLOGY

REPORT

Department of Microbiology is one of leading department in college offering education at undergraduate, postgraduate and research level. Department also runs career-oriented courses like CCLT and DCLT. This year Department of Microbiology got 'National level Best Microbiology Department Award' by Microbiologist Society, India. Dr. V.D. Nanoty received award on 30th Sept 2019 in formal event organised at National Conference in Nagpur.

Besides traditional teaching methods, department imparts knowledge by various activities like study tour, research festival and activity based education. This year department have organised study tour to Mahan water purification plant on 11th October 2019 in which 110 students and faculty members including Dr. U.K Bhalekar, Dr. H.S. Malpani and Ms. S.N. Gawande were present. Before tour starts, Dr. V.D. Nanoty, Principal Shri R.L.T. College of Science, guided students about water purification techniques.

Department have organised 'Eco-Friendly Ganesha Idol Workshop' in collaboration with NGO Nisargakatta on 28th August 2019. Around 110 school and college students of Akola city participated in event. Chief guest of function was Shri Rajesh Khawale, Deputy Collector, Akola. Event was blessed with presence distinguished personalities like Adv. M.G. Mohta, Hon. Secretary, B.G.E. Society, Akola, Shri Praksh Mukund, Education Officer, Akola, Dr. V.D. Nanoty, Principal, Shri R.L.T. College of Science, Akola, Mr. Amol Sawant, Founder of Nisargkatta. In same event Rs. Five thousand donated by MICRANS for Maharashtra Flood victims. Dr. Harish Malpani, Organising Secretary of workshop, Dr. U.K. Bhalekar, Ms. S.N. Gawande, Ms. P.T. Agrawal, Dr. R.L. Rahatgaonkar took efforts for making event successful.

This year student activity unit MICRANS inaugurated at the hands of Hon. Vice-Chancellor, Dr. Murlidhar Chandekar, S.G.B. Amravati University, Amravati and Dr. Datta Maddamwar, UGC Faculty Fellow, SP University, Gujrat on 24th January 2020. Ms. Naseem Ali from M.Sc.-I Microbiology was elected as President of MICRANS and Mr. Govind Andhale of B.Sc.-III was elected as Secretary for session 2019-20. This year around 9 UG and PG students participated at Avishkar research festival.

Department has organised 'International Guest Lecture and Microbiome Food Festival' on 13th February 2020. Dr. Anjana Singh, Tribhuvan University, Nepal and Dr. Tanzima Yaesmin, Rajshahi University, Bangladesh delivered talk and inaugurated food festival. Dr. Arvind Deshmukh, President of Microbiologist Society, India and Dr. V.D. Nanoty, Maharashtra State President of MSI guided for event. Around 150 students participated in event. All faculty members attended several events, conferences and also published research papers in national and international reputed journals.

Dr. U. K. Bhalekar

Head, Department of Microbiology

In-charge, P.G. Department of Microbiology

DEPARTMENT OF PHYSICAL EDUCATION

REPORT

Individual students and teams participated in Inter Collegiate Tournaments & Selection Trials of Sant Gadge Baba Amravati University, Amravati.

The details are as follows.

Sr. No.	Name of Students	Class	Event
1	Shirame Priyanka S.	B.Sc.I	Wrestling
2	Sharma Mohit K.		Badminton, Football Volleyball, Taekwondo
3	Nimbhorkar Rushabh G.		Badminton
4	Ingle Raghuveer P.		Wrestling
5	Gawande Ashwini P.		Volleyball
6	Shelar Duryodhan S.		Athletics
7	Gondchaware Bhushan V.		Volleyball
8	Dhanokar Ritesh S.		Kabaddi
9	Chavan Mayur U.		Kabaddi
10	Giri Dipesh G.		Volleyball
11	Kute Nikhil A.		Badminton
12	Kadam Sanket G.		Wrestling, Kabaddi
13	Shelar Om V.		Athletics
14	Ambuskar Mohit S.		Judo, Wrestling
15	Kalley Mandar S.		Football
16	Chausalkar Mansi R.		Volleyball
17	Dandi Apeksha B.		Volleyball
18	Kale Prashant P.		Boxing
19	Pandey Saurabh N.		Boxing
20	Thakur Tejal D.		Taekwondo
21	Thakur Shruti U.		Basketball, Taekwondo
22	Sane Tanaya G.		Basketball
23	Meshram Harshal R.		Volleyball

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Sr. No.	Name of Students	Class	Event
24	Biyani Radhika J.	B.Sc.II	Volleyball
25	Sangunwedhe Kalyani P		Volleyball, Handball
26	Kelkar Sonal S.		Volleyball
27	Chaudhary Bhagyshree V.		Judo, Wrestling
28	Daberao Vishvajit S.		Football
29	Badhe Roshan S.		Football
30	Parbhanikar Ram S.		Football
31	Nayak Pritam P.		Football
32	Kate Pratik K.		Football, T.T., Badminton
33	Wankhade Piyush S.		Football
34	Dhore Yadnesh S.		Football
35	Mohokar Atharv R.		Football
36	Rathod Raman G.		Wrestling
37	Gaikwad Ajay P.		Kabaddi
38	Tiwari Hrushikesh B.		Handball, Athletics
39	Yadav Ajay R.		Volleyball
40	Tayde Nirmal S.		Volleyball
41	Gedam Prerna S.		Judo, Wrestling
42	Sarap Vaibhav B.		Football, Chess
43	Gawai Bhushan V.		Football
44	Kokane Gopal R.		Athletics
45	Mohod Pawan R.		Athletics
46	Joshi Vaishali K.		Judo, Wrestling
47	Nibalkar Vaishnavi M.		Judo, Wrestling
48	Dhore Abhijit R.		Kabaddi
49	Tewale Vaibhav S.		Kabaddi
50	Dahake Divya H.		Volleyball
51	Wawge Mrunali G.		Kabaddi
52	Sayre Abhijeet P.		Taekwondo
53	Mamtora Hemangi N.		Taekwondo
54	Khandare Priya P.		Taekwondo

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Sr. No.	Name of Students	Class	Event	
55	Pawar Anjali V.	B.Sc.III	Badminton	
56	Ingle Shreyas S.		Chess	
57	Dange Rohit G		Badminton, Table Tennis	
58	Darmode Pawan B.		Badminton, Table Tennis	
59	Lunge Pratiksha D.		Table Tennis	
60	Sunariwal Himanshu K.		Kabaddi, Volleyball, T.T.	
61	Mehare Akash R.		Kabaddi	
62	Tale Shivshankar J		Volleyball, Kabaddi	
63	Sawale Ankit R.		Football, Volleyball	
64	Sarap Ravina R.		Table Tennis	
65	Katre Yogesh K.		Kabaddi	
66	Wankhade Shubham P.		Volleyball	
67	Sule Rohit R.		Volleyball, Power Lifting	
68	Kadu Pranav G.		Table Tennis	
69	Khanderao Mahendra P.		Kabaddi	
70	Raut Ghanshyam R.		Chess	
71	Nilkhan Nikhil S.		Chess	
72	Kalbande Pradip J.		Chess	
72	Ingle Shreyas S.		Chess	
73	Golait Diksha A.		Badminton	
74	Sanghai Damini D.		Badminton	
75	More Akash M		Kabaddi	
76	Harimkar Neha S		Judo, Wrestling	
77	Dofe Pratik G.		Taekwondo	
78	Mahalle Nana D.		Basketball	
79	Kalalkar Priya S.		M.Sc.I Maths	Judo, Wrestling
80	Dubey Poonam S.		M.Sc.II Maths	Table Tennis
81	Ambulkar Nita A.		Maths	Table Tennis
82	Tayde Ankita P.		Badminton.	

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Achievements of Students

Sr. No.	Name	Class	Achievements
1	Ms Mrunali G. Wawge Best Sports Person Colour Holder of Kabaddi	B.Sc. II	23 rd Maharashtra State Inter University Sports Meet Krida Mohatsav-2019 was held at Punyashlok Ahilyadevi Holkar Solapur University, Solapur from 26.12.2019 to 30.12.2019. West Zone Inter University Kabaddi Tournament was held at Sant Gadge Baba Amravati University, Amravati from 05.12.2019 to 09.12.2019.
2	Ms. Kalyani Sangunwedhe Colour Holder in Handball	B.Sc.II	West Zone Inter University Handball Tournament was held at Lakshmibai National Institute of Physical Education, Gwalior from 23.12.2019 to 27.12.2019. All India Inter University Handball Tournament was held at Periyar University, Salem (TN) from 14.02.2020 to 16.02.2020. 23 rd Maharashtra State Inter University Sports Meet Krida Mohatsav-2019 was held at Punyashlok Ahilyadevi Holkar Solapur University, Solapur from 26.12.2019 to 30.12.2019. 42nd Junior Girls National Handball Championship was Uttar Pradesh Handball Assoc, Ghaziabad, Uttar Pradesh from 4th to 8th Feb.2020
3	Ms.Bhagyshree Choudhari Colour Holder in Wrestling	B.Sc.II	All India Inter University Wrestling Tournament was held at Chaudhary Bansi Lal University, Bhiwani from 05.11.2019 to 07.11.2019. (59Kg. Wt. Category) Bronze Medal in Judo in Inter Collegiate Judo Tournament of S.G.B. Amravati University, Amravati held at D.C.P.E. Amravati (63 Kg. Wt. Category)
4	Mr.Raghuvir Ingle	B.Sc.I	Silver Medal in Wrestling in Inter Collegiate Wrestling Tournament of S.G.B. Amravati University, Amravati held at G.S. Tompe College, Chandur Bazar. (55Kg. Wt. Category)
5	Mr. Prashant Kale	B.Sc.I	Bronze Medal in Boxing in Inter Collegiate Boxing Tournament of S.G.B. Amravati University, Amravati held at Shri Shivaji Science College, Amravati (57Kg. Wt. Category)

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Sr. No.	Name	Class	Achievements
6	Mr. Saurabh Pandey	B.Sc.I	Silver Medal in Boxing in Inter Collegiate Boxing Tournament of S.G.B. Amravati University, Amravati held at Shri Shivaji Science College, Amravati(75 Kg. Wt. Category)
7	Ms. Priya Kalalkar	M.Sc.I	Bronze Medal in Judo in Inter Collegiate Judo Tournament of S.G.B. Amravati University, Amravati held at D.C.P.E. Amravati(52Kg. Wt. Category)
8	Ms. Hemangi Mamtora	B.Sc.II	Bronze Medal in Taekwondo in Inter Collegiate Judo Tournament of S.G.B. Amravati University, Amravati held at D.C.P.E. Amravati (49Kg. Wt. Category)
9	Ms. Shruti Thakur	B.Sc.I	Bronze Medal in Taekwondo in Inter Collegiate Judo Tournament of S.G.B. Amravati University, Amravati held at D.C.P.E. Amravati (62Kg. Wt. Category)
10	Ms.Vaishnavi Nimbalkar	B.Sc. II	Silver Medal in Wrestling in Inter Collegiate Wrestling Tournament of S.G.B. Amravati University, Amravati held at G.S. Tompe College, Chandur Bazar. (55Kg. Wt. Category)
11	Ms.Neha Harimkar	B.Sc. III	Silver Medal in Wrestling in Inter Collegiate Wrestling Tournament of S.G.B. Amravati University, Amravati held at G.S. Tompe College, Chandur Bazar. (55Kg. Wt. Category)

Best Sportsman

Special Achievement : Ms. Mrunali Wawge	B.Sc. II	Awarded with two Colour Coat in Kabaddi and two time participated in Maharashtra State Inter University Sports Meet Krida Mohatsav 2018-2019 & 2019-2020.
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International Yoga Day

International Yoga day was celebrated on 21st June 2019. All students and staff members attended this programme. Yoga related Information is delivered by Dr. Rajesh Chandrawanshi through PPT presentation. Asan's practice was conducted in healthy atmosphere.

Fitness Development Programme

On the occasion of Golden Jubilee Year Celebration of establishment of Shri R.L.T. College of Science, it is organising Educational, Social and Environmental Safety related activities in the month of July and August. Department of Physical Education and Sports is taking initiative to emphasis correct concept of physical fitness, importance of diet, importance of indoor or outdoor physical activities and explain importance of stretching exercises with conducting the practical session through Fitness Development Programme for Students of School and Colleges.

Fitness Development Programme includes two skits which are based on current issue of new generation. Overuse of Mobile is Harmful to Health and Awareness related to Addiction these two skits were presented in front of 8000 students from different Schools and Colleges of Akola City. Co-ordinator of this Fitness Development Program is Dr. R.D. Chandrawanshi, Director of Physical Education and Sport. This program was successfully organised with the help of B.Sc. final year students under the guidance and supervision of Dr. V. D. Nanoty, Principal.

Students participated in Fitness Development Programme

Sr.No.	Name	Sr.No.	Name.
1	Mr. Animesh Deshmukh	10	Mr. Mangalkumar Mawale
2	Mr. Shreyas Ingle	11	Mr. Abhishek Lokhande
3	Mr. Rushikesh Talokar	12	Mr. Ankit Sawale
4	Mr. Gopal Zatale	13	Mr. Pratik Deshmukh
5	Mr. Askahy Gulhane	14	Mr. Rohit Dange
6	Mr. Himanshu Surnriwal	15	Mr. Balraj Khurania
7	Mr. Shubham Mhatarmare	16	Mr. Pranav Kadu
8	Mr. Kuldeep Shende	17	Mr. Pradip Kalbande
9	Mr. Pavan Darmode	18	Mr. Rushikesh Dhore

National Sports Day

National Sports Day was celebrated on 29th August 2019. Students participated in Chess, Badminton, Table Tennis, Skipping Rope & Suryanamaskar events from 26th to 29th August 2019. Friendly matches of Tug of War were decently organized. Aim of this National Sports Day was to motivate students in Sports Activities & Create atmosphere of Sports.

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National Sports Day 29th August 2019

Sr.	Event	Name	Class	Place
1	Suryanamaskar Women	Miss. Anuja Ingle	B.Sc.III	First
2		Miss. Vaishnavi Lawale	XII	Second
3		Miss. Shreya Shegaonkar	XII	Third
4	Suryanamaskar Men	Mr. Raman Rathod	B.Sc.II	First
5		Mr. Abhijit Dhore	B.Sc.III	Second
6		Mr. Lalit Somwanshi	B.Sc.II	Third
7		Mr. Ravi Manmode	B.Sc.III	Third
8	Badminton Women	Miss. Ankita Tayde	M.Sc.II	First
9		Miss. Anjali Pawar	B.Sc.III	Second
10		Miss. Damini Sanghai	B.Sc.III	Third
11		Ms. Akanksha Arabe	XI	First
12		Ms. Kanchan Gawai	XI	Second
13	Badminton Men	Mr. Pavan Darmode	B.Sc.III	First
14		Mr. Rohit Dange	B.Sc.III	Second
15		Mr. Rushabh Nimbolkar	B.Sc.I	Third
16		Mr. Harshad Lahamage	XII	First
17		Mr. Shreekant Heda	XII	Second
18		Mr. Vaibhav Solanke	XI	Third
19	Chess Men	Mr. Shreyas Ingle	B.Sc.III	First
20		Mr. Aditya Wankhade	XII	Second
21		Mr. Raghuveer Ingle	B.Sc.I	Third
22	Chess Women	Ms. Fatema A. Shaikh	B.Sc.III	First
23		Ms. Srusthi Mate	B.Sc.III	Second
24		Ms. Diskha Golait	B.Sc.III	Third
25	Skipping Rope Women	Miss. Anuja Ingle	B.Sc.III	First
26		Miss. Ankita Tayade	M.Sc.II	Second
27		Miss. Diksha Golait	B.Sc.III	Third

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Sr.	Event	Name	Class	Place
28	Skipping Rope Men	Mr. Shivshankar Tale	B.Sc.III	First
29		Mr. Abhijit Dhore	B.Sc.III	Second
30		Mr. Aditya Wankhade	XII	Second
31		Mr. Atharv Rajurkar	B.Sc.III	Third
32	Tug of War Men	Mr. Rohit Awadhut	B.Sc.III	First
33		Mr. Balraj Khurania	B.Sc.III	
34		Mr. Anuraj Chauhan	B.Sc.III	
35		Mr. Shantanu Wankhade	B.Sc.III	
36		Mr. Pratik Wankhade	B.Sc.III	
37		Mr. Pratik Dofe	B.Sc.III	
38		Mr. Pradip Kalbande	B.Sc.III	
39		Mr. Pranav Kadu	B.Sc.III	
40		Mr. Sumit Badase	B.Sc.III	Second
41		Mr. Pritesh Vilhekar	B.Sc.III	
42		Mr. Himanshu Sunariwal	B.Sc.III	
43		Mr. Rohit Sule	B.Sc.III	
44		Mr. Raghuveer Ingle	B.Sc.I	
45		Mr. Pavan Darmode	B.Sc.III	
46	Mr. Raman Rathod	B.Sc.II		

Annual Sports Meet (2019-20)

Annual Sports Meet 2019-20 was organized by The Berar General Education Society, Akola from 16th to 19th December 2019. Badminton, Table Tennis and Wrestling Tournaments are conducted by department. The following teams participated in this competition.

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Sr. No.	Event	Junior College (Position)	Senior College (Position)
1	Badminton (Men)	Second Place	————
2	Badminton (Women)	————	First Place
3	Table Tennis (Men)	Second Place	First Place
4	Table Tennis (Women)	————	First Place
5	Volleyball (Men)	Third Place	
6	Volleyball (Women)	Third Place	
7	Kabaddi (Men)	Second Place	
8	Wrestling (Men)	First Place	
9	Wrestling (Women)	Second Place	

Research Center in Physical Education

Research Center for Ph.D. in Physical Education of Sant Gadge Baba Amravati University is started from this session 2019-2020.

Physical Efficiency Test

The Physical efficiency Test was conducted in the month of February 2020. 170 Students from B.Sc.I & II participated in this test. Result of this test is as follows.

	A Grade Certificates	B Grade Certificates
For Men	13	22
For Women	25	67

Online Physical Fitness and Social Awareness Programme

14 Videos related to Physical Fitness, Immunity, Various Exercises, Competitive Examination Information and Business is a golden opportunity were uploaded on YouTube, WhatsApp's various groups and link shared with college's Pathshala for Student, Players, Community Benefits and Social Awareness in COVID-19 pandemic. Online Survey of Color Holders and Online Self against Corona Quiz were organized for Student, Players, Community Benefits and Social Awareness.

Dr. R.D. Chandrawanshi is the Chairman and Dr. R.L. Rahatgaonkar, Mrs. V.N. Badgujar and Dr. S.B. Tadam are the members of Sports Committee.

Dr. R. D. Chandrawanshi
Director
Physical Education

DEPARTMENT OF PHYSICS

REPORT

In this academic year total 659 students are enrolled in the department, out of which 254 students enrolled in B.Sc.I, 221 students in B.Sc.II and 184 students in B.Sc.III. The Department of Physics completely renovated and inaugurated at the hands of Union Minister of State Hon'ble Sanjay Dhotre Sir. Department of Physics conducted the class test for the students as well as all the students of B.Sc.II and B.Sc.III delivering seminar / group discussions. Department of Physics conducted online MCQs test on mobile phones using testmoz software.

1. College Level MCQs test for Sem-V - Total 100 student had been participated in the test.
2. University level MCQs test on all Syllabus from Sem-I to Sem-VI - Total 342 students had been participated from different colleges under Amravati University.

Ku. Namrata Lohiya (B.Sc.III) - Stood 9th merit in the merit list of Sant Gadge Baba Amravati University, Amravati in Summer-2020 examination.

Ku. Samruddhi Muley (B.Sc.III) - Got 2nd prize in seminar and experimental demonstration of physics experiments conducted by Shri Shivaji Science College, Amravati on occasion of National Science Day.

Sant Gadge Baba Amravati University organised the Research festival "AVISHKAR" through which our student Anuraj Chauhan achieved a colour coat in state level avishkar festival at Mumbai under the guidance of Dr. R.M. Agrawal. Students Rohit Wadekar, Balraj Khuraniya had been selected for university level under the guidance of Shri P.P. Gedam and Shri S.R. Jaiswal. In N.S.S. camp Shri S.R. Jaiswal delivered Guest Lecturer on 'The Universe and Misconception in society' on dated 13th December 2019 in 7 days NSS camp of Shri R.L.T. College of Science at gram Apoti Khurd (Apatapa).

Department of Physics organised educational tour for B.Sc.III at CSIR-Indian Institute of Chemical Technology (IICT) and Nehru Planetarium, Hyderabad, Telangana on the occasion of golden jubilee year under the supervision of Shri S.R. Jaiswal. Total 36 students were participated in this tour. During the COVID-19 pandemic situation near about 90% syllabus of Sem. II, IV and VI completed in the class and remaining syllabus completed from home through assignments, video lectures on google classroom. Department of Physics conducted two online e-certificate courses on "Astronomy & Astrophysics" (4-days) and "Renewable energy - The demand of Future" (7-days) in the periods of COVID-19 pandemic. Total 1350 participant were participated in this program. Teaching staff of this department Shri P.P. Gedam, Dr. R.M. Agrawal and Shri S.R. Jaiswal published research papers in the UGC listed research journal.

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Following online e-certificate courses and FDP under IQAC in the period of COVID-19 pandemic lockdown were coordinated by the faculty members of Department of Physics.

1. The Department of Physics was conducted e-certificate course in "Astronomy & Astrophysics" which was coordinated by Shri S.R. Jaiswal (Asst. Professor) under the guidance of Principal Dr. V. D. Nanoty. The course was started on 07/05/2020 and ended on 10/05/2020. The duration of the course was 4 days. Total 500 participant from various colleges in the state of Maharashtra and other were participated in this program.
2. The Department of Physics was conducted e-certificate course in "Renewable energy - the demand of future" which was coordinated by Shri S.R. Jaiswal and Dr. R. M. Agrawal (Convener) under the guidance of IQAC Coordinator Dr. R.L. Rahatgaonkar and Principal Dr. V.D. Nanoty. The course was started on 25/05/2020 and ended on 30/05/2020. The duration of the course was 6 days. Total 833 participant from various colleges in different states in India were participated in this program. Dr. Poonam Agrawal, Dr. Anjali Sangole, Dr. Ashish Sarap, Dr. Rashmi Joshi and Mr. Sandeep Toshniwal from Shri R.L.T. College of Science, Akola were worked as a Organising Committee Member / Resource Person.
3. Shri R.L.T. College of Science, Akola was conducted online one week faculty development program (FDP) on "Development of E-content" for teaching and learning from 8th June to 15th June 2020. Dr. P. T. Agrawal, Head & Assistant Professor, Dept. of Chemistry was worked as an Organising Secretary and Shri S. R. Jaiswal, Dept. of Physics was worked as a Coordinator and Speaker under the guidance of Principal / Convener Dr. V. D. Nanoty. Total 950 participant from various colleges in different states in India were participated in this program. Dr. R. D. Chandrawanshi, Shri. D. S. Vidyasagar, Shri R. B. Ghayalkar, Dr. Ashish Sarap, Dr. Rashmi Joshi and Dr. R. M. Agrawal from Shri R.L.T. College of Science, Akola were worked as a Organising Committee Member / Resource Person.

Mr. P. P. Gedam
Assistant Professor
Department of Physics

DEPARTMENT OF ZOOLOGY

REPORT

DEPARTMENTAL ACTIVITIES

A) GLOBAL TIGER DAY (29 July 2019)

Shri R.L.T. College of Science, Akola, Department of Zoology celebrated Global Tigers day on 29 July 2019, in the presence of Head of the Department Dr. S. M. Nagrale, Dr. Archana Sawarkar and Dr. Sudhir Kohchale. Introductory speech was delivered by Dr. Sudhir Kohchale, he explained the importance of Tiger in food chain and its importance in biodiversity. Dr. Archana Sawarkar in her speech guided the student and talk on saving tiger is saving diversity, again she motivated the student to aware people about Tiger conservation. Dr. S. M. Nagrale in his speech said tiger conservation is need and demand of time, we should put joint hands with forest services to conserve Tiger and maintain the ecologic balance. In discussion, students put their views on Tiger and Tiger conservation. On this occasion short film on Tiger was shown to the student. This programme was conducted by Hrutuja Gopnarayan, Kalyani Kanojiya proposed the vote of thanks. Principal Dr. V. D. Nanoty congratulated Department of Zoology for successful organization of this event Akhilesh, Prasad, Sakshi, Amisha and Divyani put their efforts for the success of this event.

B) WALL MAGAZINE - BESST (10th August 2019)

Wall Magazine BESST (Biological and Environmental Studies with Social Temperament) was release on 10th August 2019 at the hands of Principal Dr. V.D. Nanoty in presence of IQAC Coordinator Dr. R.L. Rahatgaonkar and Dr. S.M. Nagrale, Head, Department of Zoology. Dr. Archana S. Sawarkar worked as Chief Editor and Dr. Sudhir R. Kohchale, Dr. Rashmi Joshi (Sawalkar), Mr. Shailendra V. Madavi worked as Area Editors for Animal Science, Environmental science and Plant Science respectively. Our student authors have put across some amazing pieces of writing in this Wall Magazine.

C) MOBILE PHOTOGRAPHY (NATURE PHOTOGRAPHY) : EXHIBITION CUM COMPETITION (31 August 2019)

ZEBRA cell of Zoology Department organized 'Mobile Photography Competition & Exhibition' on Nature Photography on 31th August 2019 at Zoology Lab. Total 90 students were exhibited their mobile photographs collection related to the theme. Three photographs were selected and awarded by 1st, 2nd and 3rd prizes.

Photography Seminar was also organized for the students and participants. Photographer Mr. Neeraj Bhangre and Mr. Kushal Senad delivered seminar on 'Mobile Photography and Camera Photography' and motivate students for positive and innovative use of photography. All faculties were attended the program and all students were take efforts for the success of program.

D) SELF GOVERNANCE DAY : STUDENT'S SEMINAR (5th September 2019)

On the occasion 'Teachers Day' on 5th Sept., Self Governance Day observed by Department of Zoology. Student's seminar competition organized in the department for B.Sc. students apart from the regular program of the college. B.Sc.II and III students participated and delivered seminar on the topics of Zoology included in syllabus. All students and staff of department actively participated in the program. Those who actively delivered their seminar were selected and felicitated by awards of 1st, 2nd and 3rd prize. Those who participated in seminar were awarded by certificates. All staff and students actively participated in the 'Self Governance Day Program' organized by the college and 'Students Seminar Competition' conducted by the Department.

E) WORLD OZONE DAY CELEBRATION (Seminar Competition on 'Save Ozone, Save Earth') (16th September 2019)

On occasion of World Ozone Day (16/09/2019), a seminar competition was organized for students on topic 'Save Ozone, Save Earth'. Rutuja Gopnarayan, Raj Pohare and Sakshi Kondawar stood first, second and third respectively. Dr. Archana Sawarkar worked as a coordinator of the event. Mr. S.C. Zyate and Dr. Rashmi Joshi performed the job of examiner.

F) WILD LIFE CONSERVATION WEEK PROGRAM : (1st-7th October 2019)

Every year Department of Zoology under ZEBRA Cell observe 'Wild Life Conservation Week' on 1-7 October. During the week, many motivating and student informative programs were conducted by the department viz. to provide information related nature conservation, wild life conservation and their role in environment, guest lectures and documentary movies presented for the students.

Documentary movie show on "Save the Tiger" (3rd Oct. 2019)

On 1st October inauguration of wild life conservation week was conducted. On this occasion Asst Prof. and Head Dr. S.M. Nagrale guided the students about the wild life conservation. Documentary movie shown on "Save the Tiger" was arranged for the students B.Sc. students in the college digital room. All students enjoyed the documentary. After the show Dr. S.M. Nagrale, Dr. A.S. Sawarkar and Dr. Rashmi Joshi interacted to the students and guided them about the wild life and their need of conservation for our better future. For the success of program all the faculties of the department had take their hard efforts.

Visit to Katepurna Wildlfe Sanctuary, Akola (5th Oct. 2019)

B.Sc.II and B.SC.III students visited to the Katepurna Wildlife Sanctuary under the guidance Dr S.M. Nagrale and incharge ship of Dr. Rashmi Joshi. Mr. Uday Vaze guided the students about the wildlife and nature conservation programs runs at Katepurna Wildlife Sanctuary. Quiz competition conducted at the sanctuary and all students actively participated in these events.

Visit to Insect Museum, Department of Entomology, Dr PDKV, Akola (7th Oct. 2019)

On the occasion of Wild Life Week, Department of Zoology organized visit to Insect Museum at Entomology Department, Dr. P.D.K.V., Akola. Dr. Mhaske guided our students about insects and role

of insects in conservation and agriculture production. Students also visited Trichogramma Culture Centre and studied about cultivation and rearing of insects. Dr S.M. Nagrale coordinate the events with supportive teaching staff Dr. Archana Sawarkar and non-teaching staff Depak Ghonge and Dilip Nagarkar.

G) BIODIVERSITY CALENDAR (Biodiversity Calendar-2020) : (2nd January 2020)

To know the value of biodiversity and inculcate environmental consciousness among students 'Biodiversity Calendar-2020' was published on 2nd January 2020 at the hands of eminent personalities Mr. S.R. Bharti (Assistant Commissioner of Fisheries, Akola) and Adv. M.G. Mohta (Hon. Secretary, The B.G.E. Society, Akola). It is an Innovative attempt made by B.Sc. II (Biology) students under supervision of Dr. Archana S. Sawarkar (Dept. of Zoology) and Dr. Anjali A. Sangole (Dept. of Botany). Along with flora and fauna, academic holidays as well as special days concerning environmental issues and importance of biodiversity are mentioned in it. 'Biodiversity Calendar-2020' is a master piece of efforts taken by students to complete their participatory learning project.

H) WORLD SPIDER DAY (14th March 2020)

On the occasion of World Spider Day on 14th March 2020, Zoology Department organized seminar on "Conserve the spider for beautiful nature for bright future" Dr. A.S. Sawarkar worked as a resource person of the seminar and delivered very informative talk on spider. Program conducted by Dr. S.R. Kohchale. All students get benefited from the program. Dr. S.M. Nagrale and Dr. R.P. Joshi (Sawalkar) also attended the seminar.

I) ZOOLOGY ONLINE APTITUDE TEST : (15th-16th April 2020)

To improve the objective and aptitude knowledge of Zoology subject, department under the guidance and supervision of HOD, Dr. S.M. Nagrale conducted 'Zoology Online Aptitude Test' for B.Sc.III students on 15th and 16th April 2020 . All staff provided their support for the success of event. Three students on the basis of higher scoring selected and ranked as 1st, 2nd and 3rd respectively and awarded by certificates.

Dr S. M. Nagrale
Head
Department of Zoology

ENVIRONMENT CELL

REPORT

On the occasion of Praveshotsav, 15.07.2019 "Save Tree" shapathgrahan program for students was done by Environment cell.

The demonstration of 'How to use Fire Extinguisher' was given on 09.10.2019 in collaboration with Disaster Management Club, Environment Cell & Crystal Club of Chemistry.

Mrs. V.N. Badgujar, Co-ordinator of Environment cell worked as a jury member for the intercollegiate poster competition of M.Sc. students on 'Green Chemistry' on 19.10.2019 organized by Dept. of Chemistry, Shri R.L.T. College of Science, Akola.

On the occasion of World Environment Day, State Level Online Workshop on 'Environment and Biodiversity Conservation' was organized on Friday 5th June 2020 in collaboration with Internal Quality Assurance Cell (IQAC) and Environment Cell. Total 1149 Participants were participated not only from Universities of Maharashtra State but also from various Universities of other states like Telangana, Kashmir, Orisa, etc. Large number of participants were from various colleges of Sant Gadge Baba Amravati University, Amravati, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur, Gondwana University, Gadchiroli, Aurangabad University, Pune University and Mumbai University.

This workshop was inaugurated online at the hands of Dr. V. D. Nanoty, Principal, Shri R.L.T. College of Science, Akola. On this occasion Mrs. V.N. Badgujar, HOD, Botany and Co-ordinator, Environment Cell and Dr. R.L. Rahatgaonkar, IQAC Co-ordinator were present and worked as an Advisory Committee Member. The Co-ordinator of this workshop was Mr. Shailendra V. Madavi, Assist. Prof. Dept. of Botany and Dr. Archana. S. Sawarkar was an Organizing Secretary while Dr. Sudhir R. Kohchale worked as Joint Organizing Secretary. All the members of Environment Cell, Dr. S.M. Nagrale, Dr. P.T. Agrawal, Dr. Kavita Heda, Dr. P.M. Khadse, Dr. A.A. Sangole, Dr. Rashmi Joshi worked for the success of this workshop.

Mrs. V. N. Badgujar
Co-ordinator
Environment Cell

SKY OBSERVATION CLUB

REPORT

The Sky Observation Club of Shri R.L.T. College of Science, Akola (RLT-SOC) is a college level organization working for amateur sky lover students and astronomy interested persons. The main objectives of SOC is that, the students and staff members of college should know about the subject astronomy and to create interest in it by actual observing the celestial bodies in the sky and to motivate the students towards research and knowledge in the field of Physics, Astronomy and the deep subject like general relativity. Interested students from all the classes are made the members of the club by filling up an entry form with undertaking of attending all the sessions and various programs of night vision of celestial atmosphere were arranged for students and staff of the college.

In the session about 42 students were enrolled. The regular meetings, guidance classes and various activities are held throughout the session. The teachers have been provided information about SOC, discuss about year round events, Google Classroom & Star walk mobile application. Students also took the valuable information about 'Telescope and Star Dials' in astronomical gallery.

Following are the activities of SOC throughout the session :

- SKY OBSERVATION CLUB - GOOGLE CLASSROOM was inaugurated by principal of our college. After the inauguration, online test of students by using mobile phones was conducted on solar system and universe. Introductory speech was given by Shri. S. R. Jaiswal & introductory lecture on astronomy were given by Dr. S.M. Nagrale, Dr. A.S. Sawarkar & Shri Ram Ghayalkar. At the end of this program teachers and students enjoyed watching the Moon and Jupiter through the telescope which was set on the terrace of college library.
- Sky Observation Club (SOC) under the Department of Physics, Shri R.L.T. College of Science, Akola in collaboration with ASEEMIT Space & Environment Center, MITE Education Foundation, Pune has successfully conducted 'Social Awareness Programme for Solar Eclipse'. The club was taken awareness programme in 20 schools of Akola regions from 17th December to 26th December 2019 under the guidance of Shri S. R. Jaiswal. The video clips and PPTs were shown to nearly 1350 students from schools and institute which are provided by ASEEMIT Space & Environment Center, MITE Education Foundation, Pune.
- The Sky Observation Club also arranged 'Practical Sessions for Watching Solar Eclipse' to the school's students and public on 26th December 2019 in Shri R.L.T. College of Science, Akola.

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Shri S. R. Jaiswal gave the information about how to watch solar eclipse to the public. Total 30 volunteers are involved in this program. Nearly 100 students were given scientific information on telescope handling and watching the solar eclipse.

- In NSS camp, Shri S. R. Jaiswal delivered Guest Lecturer on 'The Universe and Superstition about it' on 13th December 2019 in 7 days NSS camp of Shri R.L.T. College of Science at gram Apoti-Khurd (Apatapa).
- On the occasion of National Science Day on 28th February 2020, Mr. Bhushan Gondchawar, B.Sc.-I (CBZ) volunteer of Sky Observation Club delivered a speech on "Astronomy" under the guidance of Shri S. R. Jaiswal at Radhabai Sarda Arts, Commerce and Science College, Anjangaon Surji, Dist. Amravati.

Mr. S. R. Jaiswal
Co-ordinator
Sky Observation Club

ACHIEVEMENTS

REPORT

The students and faculty member of our college always activity participate in various academic as well as extra-curricular activities. A special programme was arranged on Republic day (26th January) to appreciate and felicitate the students and faculty members' achievers who have won laurels for the college on the academic, sports and co-curricular front. We honor the achievements, which have excelled in their endeavors and we are immensely proud of their success. Creates learning and working environments that encourage you to reach your potential and discover your unique purpose. All color coat holders in various Sports ,NCC and Research Festival Avishkar were felicitated with cash Prize of Rs. 1,000/- each (Total amount Rs. 9,000/-) was sponsored by mother institute, The Berar General Education Society, Akola.

Details of the achievements made over academies session 2019-20 are as under.

Achievements of Students

Sr. No.	Name of student	Class	Achievements
1	Mr. Gopal Kokane Colour Holder-NCC	B.Sc.II	Gold Medal in Map Reading Competition in T.S.C., New Delhi
2	Ms. Mrunali G. Wawge Best Sports Person Colour Holder-NCC Kabaddi	B.Sc.II	Gold Medal in Tug of War Competition in T.S.C., New Delhi Participated in 23rd Maharashtra State Inter University Sports Meet Krida Mohatsav-2019 & West Zone Inter University Kabaddi Tournament held at Amravati
3	Ms. Ashwini S. Mogare Colour Holder-NCC	B.Sc.II	Gold Medal in Tug of War Competition in T.S.C. New Delhi
4	Ms. Vaishnavi B. Lawale Best Sports Person Colour Holder-NCC	XII	Silver Medal in Scuba Diving Camp, Mubai Participated in School State level Tournament held at Satara.
5	Mr. Bhushan Gawai Colour Holder Youth Festival	B.Sc.II	Secured Bronze Medal, Qawwali Gayan, in National Youth Festival 2019 held at Indira Gandhi National Tribble University, Amarkantak
6	Ms. Ruchika G Neware	B.Sc.III	Attended T.S.C. New Delhi

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Sr. No.	Name of student	Class	Achievements
7	Ms. Bhagyshri Chaudhari Colour Holder Wrestling	B.Sc.II	Participated in All India Inter University Wrestling Tournament at Bhiwani, Haryana
8	Ms. Kalyani Sangunwedhe Colour Holder Handball	B.Sc.II	Participated in 23rd Maharashtra State Inter University Sports Meet Krida Mohatsav-2019 & West Zone Inter University Handball Tournament held at Gwalior, Madhyapradesh Qualified for All India Inter University
9	Mr. Animesh Deshmukh Colour Holder Youth Festival	B.Sc.III	Participated in Central Zone Youth Festival 2019 held at Jiwaji University, Gwalior, M.P. in One Act Play. Participated in Indradhanushya Youth Festival held at Gondwana University, Gadchiroli M.S.
10	Ms. Shraddha Akhare	M.Sc.II	Colour Holder in Avishkar of SGBAU, Amravati Selected for State
11	Mr. Anuraj Chauhan	B.Sc.III	Colour Holder in Avishkar of SGBAU, Amravati Selected for State
12	Mr. Prasad Gulhane Best D.M.C. Volunteer Award	B.Sc.II	Awarded as Best Volunteer in State Level Disaster Management Camp, Nanded Worked as Trainer in SGBAU Amt.
13	Ms. Nalanda Damodar	XI	Secured Bronze Medal at School State level Wrestling Tournament held at Pune, Alandi. Secured Bronze Medal at School State level Judo Tournament held at Latur.
14	Ms. Sanjana Ghule	XI	Bronze Medal in School State level Wushu Tournament held at Gondiya.
15	Miss. Shreeya Pachapille	XI	Secured Bronze Medal in School State level Karate Tournament held at Baramati, Pune.
16	Mast. Kunal Rathod	XII	Secured Bronze Medal in School State level Teakondo Tournament held at Gondiya.
17	Mas. Somdatta Chandanbatve	XI	Secured Bronze Medal in School State level Teakondo Tournament held at Gondiya.
18	Ms. Vaibhavi Topale	B.Sc.III	Own Fourth Prize in Youth Parliament
19	Ms. Sakshi Tayade	XI	Participated at School State level Wushu Tournament.
20	Miss. Janhavi Kale	XII	Participated in School State level Tournament held at Kolhapur

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Sr. No.	Name of student	Class	Achievements
21	Mast. Kshitij Shirsath	XII	Participated in School State level Tournament held at Kolhapur.
22	Mas. Vishwa Gote	XII	Participated in School State level Tournament held at Aurangabad.
23	Miss. Tanaya Wankhade	XI	Participated in School State level Tournament held at Aurangabad.
24	Ms. Hrutuja Gopnarayan Best NSS Volunteer Award	B.Sc.II	Participated in State Level Disaster Management Camp, Nanded Worked as Trainer in SGBAU Amt.
25	Mr. Akhilesh Puranik Best NSS Volunteer Award	B.Sc.II	Participated in State Level Disaster Management Camp, Nanded Worked as Trainer in SGBAU Amt Secured Second prize in I.C. Poster Competition at Amravati
26	Mr. Govind Andhale	B.Sc.II	Participated in State Level Disaster Management Camp, Nanded Worked as Trainer in SGBAU Amt.
27	Ms. Sakshi Kondawar Best D.M.C. Volunteer Award	B.Sc.II	Participated in State Level Disaster Management Camp, Nanded Worked as Trainer in SGBAU Amt.
28	Ms. Arti Kadu	B.Sc.	Participated in State Level Disaster Management Camp, Nanded Worked as Trainer in SGBAU Amt.
29	Mr. Pradip Surushe	M.Sc. Maths	Qualified SET Exam. in Mathematics
30	Ms. Kanchan Mangtani	M.Sc. Microbiology	1 st Merit in Microbiology in Univ.
31	Ms. Dipali Bhojane	M.Sc. Maths	5 th Merit in Mathematics in Univ.
32	Ms. Namrta Lohiya	B.Sc.	5 th Merit in Mathematics in Univ.
33	Mr. Saurabh Pandey	B.Sc. I	Inter Collegiate Boxing Tournament – Silver Medal
34	Mr. Raghuveer Ingle	B.Sc. I	I.C. Wrestling Tournament – Silver Medal
35	Ms. Vaishanvi Nimbalkar	B.Sc.II	I.C. Wrestling Tournament – Silver Medal

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Sr. No.	Name of student	Class	Achievements
36	Ms. Neha Harimkar	B.Sc.III	I.C. Wrestling Tournament – Silver Medal
37	Ms. Hemangi Mamtora	B.Sc.II	I.C. Taekwondo Tournament – Bronze Medal
38	Ms. Vijaya Tekade	B.Sc.III	Stood Second in Debate Competition.
39	Ms. Nikita Upadhye	B.Sc.III	Participated in Research Festival Avishkar of SGBAU, Amravati
40	Mr. Balraj Khurania	B.Sc.III	
41	Mr. Vishvajit Daberao	B.Sc.II	
42	Ms. Neha Phafat	M.Sc.I	
43	Ms. Shweta Rudrakar	M.Sc.I	
44	Ms. Nita Ambulkar	M.Sc.II	
45	Ms. Trupti Ugale	M.Sc.II	
46	Mr. Vaibhav Sarap	B.Sc.II	

Achievements of Faculty Members

Sr. No.	Name	Designation	Achievements
1	Dr. V.D. Nanoty	Principal	“Krutishil Shikshak Purskar” Awarded Appointed as B.O.S. Member, S.G.B.A.U., Amravati President of Maharashtra Microbiology Society
2	Dr. Rajesh D. Chandrawanshi Resource Person	Director of Physical Education & Sports.	International Conference, College of Management and Computer Science, Yavatmal & Smt. N.W. Arts College, Yavatmal Dt. 27 th & 28 th Dec. 2019 An Inter-Disciplinary National Conference on Role of Higher Education Making India Superpower Department of Physical Education & I.Q.A.C., Akola Dt. 21 st August 2019.
3	Dr. Sudhir Kohchale	Asst. Prof. Zoology	Got Second Prize in Poster Completion in National Conference, Nagpur Delivered Lecture on Disaster Management in UGC ASC Amravati Working as Trainer of D.M. for Akola District

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Sr. No.	Name	Designation	Achievements
4	Dr. Sonali Gawande	Asst. Prof. Microbiology	Delivered Invited Talk in National Webinar
5	Mr. A.B. Khedkar	Asst. Prof. English	Qualified NET Exam. in English
6	Ms. Preet Agrawal	CHB Teacher	Qualified NET Exam. In Computer Science.
7	Ms. K.A. Palaspagar	Research Scholar	Secured 2nd Prize for Best Poster Presentation in National Conference
8	Dr. U.K. Bhalekar	H.O.D. Microbiology	Appointed as B.O.S. Member, S.G.B.A.U., Amravati
9	Dr. Rashmi P. Joshi (Sawalkar)	Asst. Prof. Zoology	Award under Swach Bharat Abhiyan for Social Activities alongwith Education Work by NSS S.G.B.A.U Amravati State Level Utarsh 2019-20 : Best Team Leader (Lady Programme Officer, N.S.S.) at North Maharashtra University, Jalgaon.
10	Dr. K.R. Lathi	Physical Education Teacher	Awarded Ph.D. Degree from N.M.U. Jalgaon. Our college received Rs. 50000/-Prize from Maharashtra Govt. for huge participations in sports activities.
11	Ms. Sandhya Mhaske	CHB Teacher	Qualified SET Exam. in Mathematics
12	Mr. Shrikrushna Tarhale	Office Staff	Worked as Referee and Participated in State Level Table Tennis Tournaments.

Dr. R.D. Chandrawanshi is the Chairman and Dr. A.G. Sarap, Dr. A.S. Sawarkar, Mr. R.D. Choudhari, Mr. S.V. Madavi and Mr. S.C. Zyate are the members of Achievement and Prize Distribution Committee.

Dr. R. D. Chandrawanshi
Chairman
Achievement Committee

NATIONAL CADET CORPS

REPORT

The strength of NCC Cadets in this year is 63 cadets.

Strength of Cadets in year 2019-20

Year	SD	SW	NCC Cdt
I	19	11	28
II	14	08	22
III	09	02	11
Total	42	21	63

It is pleased to highlight the activities run by NCC Unit

- The conference was organized in presence of AO Rohit Shah on smooth conduction of International Yoga Day on 21st June.
- 27 NCC Cadets participated and performed yoga on the occasion of International Yoga Day which is held every year on 21st June at convocation hall of Dr. P.D.K.V., Akola.
- 18 NCC Boys Cadets & 08 NCC Girls Cadets are participated in the CATC Camp at PDKV on 20th June. 2019 to 28 June 2019.
- Enrollement of NCC cadets took place on 25th July 2019. There are total 11 girl cadets and 19 boy cadets was enrolled.
- 04 NCC cadets are selected for TSC Camp at Amravati.
- 06 Cadets are participated in TSC-ATC (Inter Batalion completion camp) Camp which held at VMV Campus, Amravati from 28th July 2019 to 06th Aug. 2019.
- 25 NCC cadets with care taker Dr. R. M. Agrawal celebrated Kranti Din in college campus in the presence of key address given by Hon'ble Principal Dr. V. D. Nanoty on 9th Aug. 2019.
- 50 Cadets were participated in Independence day Flag hosting program at Shri R.L.T. College on 15th Aug. 2019.
- 32 cadets participated in Tree plantation programme in college on 15th Aug. 2019.
- 06 Cadets are participated in CATC+RDC No.115 Camp which held at VMV Campus, Amravati from 26.09.2019 to 05.10.2019.

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- 20 Cadets are participated in CATC No. 123 Camp which held at PDKV, Akola from 03.12.2019 to 12.12.2019.
- Vaishnavi B. Lawale has bagged Silver Medal in Scuba diving competition in Scuba Diving Camp held at Mumbai. (Maharashtra level).
- Four cadet Gopal R. Kokne, Mrunali G. Wawge, Ashivni S. Mogare and Ruchika G. Neware were selected for TSC Camp and got Colour Coat which was held 16th Sept. 2019 to 27th Sept. 2019. at New Delhi.
- Mrunali G. Wawge, Ashivni S. Mogare has bagged Gold medal in Tug of War competition in TSC camp held at New Delhi (National Level).
- Gopal R. Kokne has bagged Bronze Medal in Map reading competition in TSC camp held at New Delhi (National level).
- 32 Cadets are take part in "Shwachta Abhiyan " programme in which cadets with Care Taker clean the college campus and Bus Stand (Civil Line) and organised rally on Shwachta Abhiyan on 02nd Oct. 2019.
- The 03 SD Cadet were participated in Army Attachment camp (MIRC) at Ahmadnagar (National Level Camp) from 16 Sept. 2019 to 30 Sept. 2019.
- On the occasion of Death Anniversary of Hon'ble former Principal M.G. Joshi Sir, NCC Unit of this College participated in Blood Donation Camp in college auditorium in which 07 NCC Cadets donated blood on 24th Dec. 2019.
- 50 Cadets were participated in Republic Day Flag hosting program at Shri R.L.T. College on 26th Jan. 2019.
- 16 Cadets are appeared for B-cert exam-2019.
- 09 Cadets are appeared for C-cert exam-2019.

Dr. R. M. Agrawal
NCC Care Taker

राष्ट्रीय सेवा योजना

नियमित कार्यक्रम

अहवाल

दि. १ ते ३१.०७.२०१९ : रा.से.यो. तर्फे ३३ कोटी वृक्ष लागवड महोत्सव

मा. वित्त तसेच वनमंत्री श्री. सुधीरभाऊ मुनगंटीवार यांच्या निर्देशानुसार ३३ कोटी वृक्ष लागवड उपक्रमांतर्गत श्री रा.ल.तो. विज्ञान महाविद्यालय तर्फे वृक्ष लागवड कार्यक्रमाचे आयोजन करण्यात आले. या कार्यक्रमाचे आयोजन ३ टप्प्यात करण्यात आले.

दि. २६.०७.२०१९ : कारगिल विजय दिवस / सर्जिकल स्ट्राईक

दि. २६.०७.२०१९ सर्जिकल स्ट्राईक दिवस म्हणून विद्यार्थ्यांना 'उरी' हे भारतीय शहीदांवर बनविलेला चित्रपट दाखविण्यात आला. महाविद्यालय मधून ७२ विद्यार्थ्यांना हा चित्रपट पाहिला असून यामध्ये ३१ मुले व ३३ मुलींचा समावेश होता. चित्रपट पाहण्या अगोदर महाविद्यालयाच्या प्राचार्यांनी आपल्या प्रास्ताविकात विद्यार्थ्यांचे मार्गदर्शन केले.

दि. ०५.०८.२०१९ : श्री रा.ल.तो. विज्ञान महाविद्यालय स्वच्छतेच्या सर्वोत्कृष्ट पुरस्काराने सन्मानित

रा.से.यो. सं.गा.बा. अमरावती विद्यापीठ, अमरावती येथे स्वच्छतेचे जिल्ह्यातून सर्वोत्कृष्ट महाविद्यालय म्हणून पुरस्कार प्रदान करण्यात आले. विद्यापीठात हा पुरस्कार माननीय प्राचार्य डॉ. व्ही.डी. नानोटी, कार्यक्रम अधिकारी डॉ. समाधान मुंडे, क्षेत्रीय समन्वयक डॉ. सुधीर कोहचाळे ह्यांनी स्विकारला. हा पुरस्कार सलग तीन वर्षांपासून महाविद्यालयाला मिळत आहे.

दि. २५.०९.२०१९ : अभिरूप मतदान प्रक्रिया

श्री रा.ल.तो. विज्ञान महाविद्यालयात रा.से.यो. द्वारा अभिरूप मतदान प्रक्रियेचे आयोजन दि. २५.०९.२०१९ रोजी करण्यात आले होते. जिल्हाधिकारी कार्यालय व जिल्हा परिषदेच्या आदेशानुसार महाविद्यालयातील विद्यार्थ्यांमध्ये मतदानाविषयी जनजागृती व्हावी व नवीन मतदारांना याची माहिती व्हावी म्हणून या कार्यक्रमाचे आयोजन करण्यात आले होते. या कार्यक्रमात महाविद्यालयाचे प्राचार्य डॉ. विजय डी. नानोटी यांच्या मार्गदर्शनाखाली सदर कार्यक्रमाचे महाविद्यालयात आयोजन करण्यात आले होते. प्रा. शैलेश जयस्वाल ह्यांनी या कार्यक्रमाचे प्रमुख समन्वयक म्हणून कार्य पाहिले. या अभिरूप मतदान प्रक्रियेत मतदान केंद्राध्यक्ष म्हणून कार्यक्रम अधिकारी डॉ. रश्मी पी. जोशी, प्रा. अरुण खेडकर व प्रा. रोहित अग्रवाल यांचे विशेष योगदान राहिले आहे.

दि. २६.११.२०१९ : भारतीय संविधान दिवस

दि. २६.११.२०१९ रोजी महाविद्यालयाच्या सभागृहात संविधान दिवस साजरा केला गेला. विद्यार्थ्यांना संविधान

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बद्दल माहिती देऊन शपथ देण्यात आली कि, संविधानात दिलेल्या सर्व गोष्टींचे मान राखून त्यांचे योग्य पालन करणार. कार्यक्रमाचे अध्यक्ष मा. प्राचार्य डॉ. नानोटी होते. विद्यार्थ्यांसाठी लायब्ररी मध्ये भारतीय संविधानाचे पुस्तक वचन करिता उपलब्ध केले गेले.

दि. २८.११.२०१९ : महात्मा ज्योतिबा फुले ह्यांची पुण्यतिथी

लोकांमध्ये शिक्षणाचे बीज रोवणारे, क्रांतिविर महात्मा ज्योतिबा फुले ह्यांच्या पुण्यतिथी निमित्त अभिवादन कार्यक्रम घेण्यात आले. विद्यार्थ्यांना त्यांच्या कार्याबद्दल माहिती करून देण्यात आली.

दि. ०२.१०.२०१९ : महात्मा गांधी जयंती – स्वच्छ भारत अभियान अंतर्गत : 'प्लास्टिक पिशव्यांवर बंदी'

दि. २ ऑक्टोबर २०१९ रोजी महात्मा गांधी ह्यांच्या १५० व्या जयंतीनिमित्त श्री रा.ल.तो. विज्ञान महाविद्यालयाचे रा.से.यो. पथक, लायन्स क्लब, अकोला व अकोला महानगरपालिकेच्या संयुक्त विद्यमाने स्वच्छ भारत अभियान कार्यक्रम घेण्यात आला. कार्यक्रमाचे प्रमुख पाहुणे माननीय श्री. संजयजी कापडणीस, आयुक्त, म.न.पा., अकोला हे होते. लायन्स क्लब, अकोलाचे जिल्हा अध्यक्ष व सदस्य उपस्थित होते. कार्यक्रमाच्या शेवटी स्वच्छता रॅलीचे आयोजन करण्यात आले व पथनाट्याचे सादरीकरण करून अकोला येथील नवीन बस स्टॅन्ड परिसरात जनजागृती करण्यात आली. यावेळी पोस्टर्स व घोषवाक्यांच्या माध्यमातून प्लास्टिकबंदीचे आव्हान करण्यात आले.

दि. २४.११.२०१९ ते २.१२.२०१९ : संविधान सप्ताह साजरा

२६ नोव्हेंबर ला रा.से.यो. पथकाद्वारे संविधान दिवस साजरा केला गेला. संविधानचे वाचन करण्यात आले. संविधान चा मान राखण्याबद्दल शपथ देण्यात आली. वक्तृत्व स्पर्धा व निबंध स्पर्धा घेण्यात आल्या. विद्यार्थिनींनी सुद्धा आपल्या वक्तृत्वात भारतीय घटनेबाबत सखोल माहिती दिली.

दि. १.११.२०१९ : जागतिक एड्स दिवस – रेड रिबन क्लब ची स्थापना

दि. १ डिसेंबर २०१९ जागतिक एड्स दिवसाचे औचित्य साधून 'रेड रिबन क्लब' ची स्थापना व गठन करण्यात आले.

दि. २४.१२.२०१९ : रक्तदान शिबीर

दि. २४.१२.२०१९ ला रा.से.यो. पथकाद्वारे श्री रा.ल.तो. विज्ञान महाविद्यालयात माननीय प्राचार्य श्री. म.गो. जोशी ह्यांच्या स्मृती प्रित्यर्थ रक्तदान शिबिराचे आयोजन दरवर्षी करण्यात येते. ३७ रक्तदात्यांनी ह्या शिबिरात रक्तदान केले.

दि. १२.०१.२०२० : युवा दिन साजरा

दि. १२.०१.२०२० रोजी श्री रा.ल.तो. विज्ञान महाविद्यालयाच्या रा.से.यो. चमूने स्वामी विवेकानंद जयंती व राष्ट्रमाता जीजाऊ ह्यांच्या जयंती निमित्त एक सुंदर असे व्याख्यानाचे आयोजन करण्यात आले.

श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

दि. १२ ते १७.०१.२०२० : रस्ता सुरक्षा सप्ताह

दि. १३.०१.२०२० सोमवार रोजी ३१ वा 'रस्ता सुरक्षा सप्ताह' (१३ ते १७ जानेवारी) निमित्त श्री रा.ल.तो. विज्ञान महाविद्यालय, अकोला येथे अकोला आरटीओच्या वतीने विद्यार्थ्यांसाठी मार्गदर्शन कार्यक्रम आयोजित करण्यात आला होता. प्राचार्य डॉ. नानोटी यांच्या अध्यक्षतेखाली आयोजित कार्यक्रमात मा.श्री. विनोद जिचकार, उपप्रादेशिक परिवहन अधिकारी, अकोला यांनी विद्यार्थ्यांना सुरक्षित मोटर सायकल चालविणे या विषयावर मार्गदर्शन केले. दि. १५ जानेवारी २०२० ला महाविद्यालयात 'रस्ता सुरक्षा - जीवन सुरक्षा' या विषयावर निबंध स्पर्धेचे आयोजन करण्यात आले.

दि. २८ ते ३१.०१.२०२० : राज्यस्तरीय उत्कर्ष २०१९-२० पुरस्कार

कवयित्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ येथे तंत्रशिक्षण संचालनालय मंत्रालयाच्या सहकार्याने, महाराष्ट्र एन.एस.एस., मुंबई द्वारा दि. २८ ते ३१ जानेवारी २०२० या दरम्यान 'राज्यस्तरीय सामाजिक व सांस्कृतिक स्पर्धा' आयोजित करण्यात आली होती. या प्रसंगी डॉ. रश्मी जोशी यांना फिरते चषक व स्मृतिचिन्ह देऊन महाराष्ट्रातील सर्व विद्यापिठांमध्ये 'बेस्ट लेडी टिम लिडर' म्हणून सन्मानित करण्यात आले. ही एक प्रतिष्ठेची बाब आहे व श्री आर.एल.टी. महाविद्यालयाच्या सुवर्ण महोत्सवी वर्षातील हा 'मानाचा तुरा' ठरला आहे. मा.डॉ. मुरलीधरजी चांदेकर, कुलगुरु, संत गाडगे बाबा अमरावती विद्यापीठ यांनी यावेळी एन.एस.एस. द्वारा केलेल्या उत्कृष्ट कामगिरीबद्दल गौरवोद्गार काढून अभिनंदन केले.

दि. १४ ते २०.०२.२०२० : राष्ट्रीय एकता शिबिर (N.I.C.), आसाम

दि. १४ ते २० फेब्रुवारी, २०२० या कालावधीत Central Institute of Technology, Kokrazar, Assam येथे राष्ट्रीय एकता शिबिराकरिता श्री रा.ल.तो. विज्ञान महाविद्यालयातील रा.से.यो. ची स्वयंसेवक कु. अमिषा संजय मिश्रा ह्या विद्यार्थिनीने आपला सहभाग नोंदविला.

दि. १९.०२.२०२० : छत्रपती शिवाजी महाराज जयंती

दि. १९.०२.२०२० रोजी महाविद्यालयात छत्रपती शिवाजी महाराज जयंती निमित्त व्याख्यानाचे आयोजन करण्यात आले.

डॉ. समाधान एल. मुंडे
डॉ. रश्मी पी. जोशी (सावलकर)
कार्यक्रम अधिकारी
राष्ट्रीय सेवा योजना

प्रा. शैलेश आर. जयस्वाल
प्रा. सोनाली गवांदे
सहकार्यक्रम अधिकारी
राष्ट्रीय सेवा योजना

Photo Gallery



रा.से.यो.विशेष शिबीर ग्राम आपोती (खु.) येथे आयोजित 'ग्रामविकास व उन्नत भारत' कार्यक्रम अंतर्गत मा.डॉ. राजेश बुरंगे, प्र.संचालक, रा.से.यो., सं.गा.बा.अ.वि. मार्गदर्शन करतांना



रा.से.यो.विशेष शिबीर ग्राम आपोती (खु.) येथे आयोजित 'ग्रामविकास व उन्नत भारत' कार्यक्रम अंतर्गत पारिवारीक माहिती गोळा करतांना रा.से.यो. कार्यक्रम अधिकारी व स्वयंसेवक



रा.से.यो.विशेष शिबीर ग्राम आपोती (खु.) येथे आयोजित 'मासिक पाळी एक वरदान' मार्गदर्शन कार्यक्रम



रा.से.यो.विशेष शिबीर ग्राम आपोती (खु.) येथे आयोजित 'महिला कायदेविषयक मार्गदर्शन' कार्यक्रम



रा.से.यो.विशेष शिबीर ग्राम आपोती (खु.) येथे जिल्हा विधी सेवा प्राधिकरण, अकोला द्वारा आयोजित 'कायदेविषयक मार्गदर्शन कार्यक्रम'



रा.से.यो.विशेष शिबीर ग्राम आपोती (खु.) येथे सुक्ष्मजीवशास्त्र विभागाद्वारे आयोजित 'रक्तगट तपासणी शिबीर'



रा.से.यो.विशेष शिबीर ग्राम आपोती (खु.) येथे आयोजित 'मोतिबिंदू मुक्त गाव' अंतर्गत गावकऱ्यांची तपासणी



रा.से.यो.विशेष शिबीर ग्राम आपोती (खु.) येथे आयोजित 'आजीचा बटवा' कार्यक्रम अंतर्गत माहेलांशी संवाद साधतांना

Photo Gallery



रा.से.यो.विशेष शिबीर ग्राम आपोती (खु.) येथे
श्रमदान अंतर्गत 'शोष खड्डे' तयार करतांना रा.से.यो. स्वयंसेवक



दत्तक ग्राम आपोती (खु.) येथे रा.से.यो. द्वारा आयोजित
'कोरोना' विषयक मार्गदर्शन' करतांना



Felicitation of Dr. Rashmi Joshi for being
Honoured with State Level 'Best Team Leader Award'
in 'Utkarsh, 2019-20' Camp



Felicitation of Speakers during 'International Guest Lecture'
Organized by Department of Microbiology



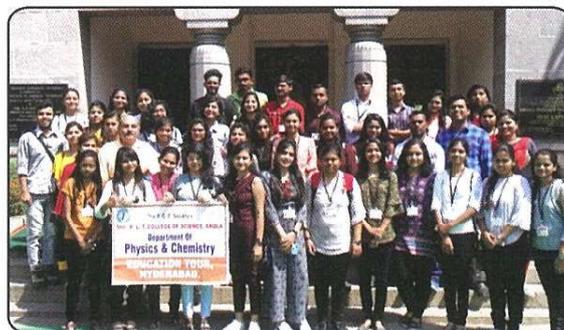
Inauguration of 'Bioinfo Club' & 'Bioinfo Wall Magazine'



Dr. Keshav Tupe, Jt. Director, Higher Education,
Amravati Division Addressing in a Workshop
Organized for Non-Teaching Staff



'Solar Eclipse Observation' Programme
Organized by Sky Observation Club



Educational Tour of Department of Physics & Chemistry
to CSIR - Indian Institute of Chemical Technology, Hyderabad

राष्ट्रीय सेवा योजना

विशेष शिबीर - ग्राम आपोती (खु.)

अहवाल

(दि. ०७.१२.२०१९ ते १४.१२.२०१९)

दि. ०७.१२.२०१९ : आगमन व पुर्व तयारी

दि. ०८.१२.२०१९ : संस्कारमय आध्यात्मिक ज्ञान

श्री रा.ल.तो. विज्ञान महाविद्यालयाद्वारे दत्तक ग्राम आपोती (खु.) येथे राष्ट्रीय सेवा योजनेच्या दुसऱ्या दिवसाच्या संध्याकाळच्या सत्रात ७.०० वा. आचार्य ह.भ.प. श्री ज्ञानेश्वरजी महाराज तायडे यांचे "संस्कारमय आध्यात्मिक ज्ञान" या विषयावर उद्बोधन शिबिरार्थींना लाभले होते. या कार्यक्रमात गावातील मंडळी आणि रा.से.यो. शिबिरार्थी मोठ्या संख्येने उपस्थित होते.

दि. ०९.१२.२०१९ : "टिम बिल्डिंग" : मा.डॉ. महेश डाबरे (श्रीमती ल.रा.तो. वाणिज्य महाविद्यालय, अकोला)

श्री रा.ल.तो. विज्ञान महाविद्यालयाद्वारे दत्तक ग्राम आपोती (खु.) येथे राष्ट्रीय सेवा योजनेच्या तिसऱ्या दिवसाच्या दुपारच्या सत्रात "टीम बिल्डिंग" या विषयावर मार्गदर्शनासाठी श्रीमती ल.रा.तो. वाणिज्य महाविद्यालयाचे प्रा.डॉ. महेश डाबरे हे आले होते. आजच्या स्पर्धेच्या युगात आणि स्पर्धेच्या जगात कशाप्रकारे मानसिक दडपण येते तसेच आजच्या स्थितीत विशेष करून तरुण पिढीने कशा प्रकारे टीम वर्क च्या सहाय्याने व बुद्धिमत्तेने, एकतेने कोणत्याही कठीण परिस्थितीला सामोरे जाऊन जिंकता येते, याची उदाहरणे देऊन टीम बिल्डिंगचे महत्व पटवून दिले. मनाने आनंदी विचाराने समृद्ध आयुष्य कशा प्रकारे जगता येईल याविषयीसुद्धा डॉ. महेश डाबरे यांनी उद्बोधन केले.

"पर्यावरण संवर्धन आणि व्यसन मुक्ति" : मा.डॉ. अजय उपाध्याय (गायत्री परिवार, अकोला)

दुपारी ३.०० वाजता घेण्यात आलेल्या व्यसनमुक्ति आंदोलन या कार्यक्रमासाठी डॉ. अजय उपाध्याय हे मार्गदर्शक म्हणून लाभले होते. तरुण वयातच या व्यसनांना आपण कसे बळी पडतो व त्यानंतर व्यसनाधीन होतो, हे अगदी सविस्तर समजावून सांगितले व अंमली पदार्थांचे कशा प्रकारे व्यसन लागते ते शास्त्रीय पद्धतीने समजावून सांगितले. आजच्या या वाढत्या लोकसंख्येचा पर्यावरणावर होणारा आघात व यामुळे निर्माण होणाऱ्या समस्या या बाबींवर त्यांनी विद्यार्थ्यांसोबत चर्चा केली. तसेच वाढत्या रासायनिक खतांचा सजीव सृष्टीवर होणारा परिणाम, जंगलतोड, वाढते तंत्रज्ञान यांच्या दुष्परिणामांची जाणीव त्यांनी शिबिरार्थींना करून दिली.

"Legal Awareness About Women" : मा.अॅड. निलिमा मानोरकर (कौटुंबिक न्यायालय, अकोला)

शिबिराच्या तिसऱ्या दिवशी मा.अॅड. निलिमाताई मानोरकर ह्यांनी गावातील महिलांना तसेच विद्यार्थ्यांना महिलांच्या कायद्यांबद्दल माहिती दिली व जनजागृती केली. कौटुंबिक हिंसाचार, कार्यालयाच्या ठिकाणी होणारे विविध छेडछाड विरोधी कायदे, POCSO कायद्याबद्दलची सविस्तर माहिती दिली. निलिमाताईंनी कायद्या बाबत जागरूक व सक्षम राहण्याकरीता महिलांना

श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

आव्हान केले. असे समाज घडविण्याकरिता महिलांना कायद्याविषयी माहिती असणे अनिवार्य आहे हे सांगितले. या कार्यक्रमाचे प्रास्ताविक व पाहुण्यांचा परिचय डॉ. रश्मी जोशी (रासेयो कार्यक्रम अधिकारी) यांनी करून दिला. संचालन अखिलेश पुराणिक यांनी तर आभार प्रदर्शन उज्ज्वल पटेल ह्यांनी केले.

दि. १०.१२.२०१९ : “रा.से.यो. द्वारा ग्रामविकास व उन्नत भारत” : मा.डॉ. राजेशजी बुरंगे (प्र. संचालक, रा.से.यो., सं.गा.बा. अमरावती विद्यापीठ, अमरावती)

श्री रा.ल.तो. विज्ञान महाविद्यालयाद्वारे दत्तक ग्राम आपोती (खु.) येथे राष्ट्रीय सेवा योजनेच्या चौथ्या दिवसाच्या दुपारच्या सत्रात ‘रा.से.यो. द्वारा ग्रामविकास व उन्नत भारत’ ह्या कार्यक्रमाचे उद्घाटन करण्यात आले. ह्या कार्यक्रमाच्या उद्घाटन प्रसंगी राष्ट्रीय सेवा योजनेचे समन्वयक मा.डॉ. राजेशजी बुरंगे, सं.गा.बा. अमरावती विद्यापीठ, अमरावती हे उद्घाटक म्हणून लाभले. कार्यक्रमाचे अध्यक्ष महाविद्यालयाचे प्राचार्य मा.डॉ. नानोटी हे होते. मा.डॉ. राजीवजी बोरकर, रासेयो सल्लागार समिती सदस्य व विद्यार्थी कल्याण समिती सदस्य आणि मा.डॉ. मिलिंद काळे, क्षेत्रीय समन्वयक रासेयो, अमरावती हे प्रमुख पाहुणे होते. गावचे उपसरपंच डॉ. उमेश बोपटे तसेच पोलीस पाटील श्री. आपोतीकर ह्यांची उपस्थिती लाभली. डॉ. बुरंगे ह्यांनी अतिशय सुंदर असे शिबिरार्थ्यांचे मार्गदर्शन केले. त्यांनी म्हटले की रासेयो शिबिर हे संस्कार घडविते, श्रमदान करण्याचे संस्कार, गावातील जनजीवन कसे असते ही जाणीव करून देते. गावांचा विकास करणे आणि उन्नत भारताची सुरवात ही रासेयोच्या माध्यमातून करणे गरजेचे आहे. रासेयोतून संस्कार घडविणे आणि गावांचा विकास म्हणजेच “कॉलेज टू विलेज” ही भारत सरकारची देशाला उन्नत बनविण्यासाठीची नवीन योजना रासेयो मार्फत राबविण्यात येईल असे त्यांनी सांगितले. डॉ. बोरकर ह्यांनी शिबिरार्थ्यांचे खूप छान असे उद्बोधन केले. रासेयो च्या कार्यक्रम अधिकारी डॉ. रश्मी जोशी व डॉ. समाधान मुंडे ह्यांचे सुद्धा उत्कृष्ट कार्य केल्याबद्दल त्यांच्या हस्ते सत्कार करण्यात आले.

“Angels at Work” : मा.अॅड. राधेश्यामजी मोदी (आजीवन सदस्य, दि बेरार जनरल एज्यु. सोसायटी, अकोला)

“Angels at Work” ह्या व्याख्यानाचे आयोजन करण्यात आले होते व सादरकर्ते होते मा.अॅड. राधेश्यामजी मोदी, आजीवन सदस्य, दि बेरार जनरल एज्युकेशन सोसायटी, अकोला. त्यांनी पर्यावरण संवर्धना विषयी खूप सुंदर असे मार्गदर्शन केले. आपल्याला लाभलेले हे जे सुंदर असे पर्यावरण आहे तिथे अश्या खूप काही पॉझिटीव आणि चांगल्या गोष्टी असतात त्यांच्या पासून जगणं शिकायला पाहिजे. पर्यावरणाचा न्हास आपल्याकडून नाही झाला पाहिजे असे त्यांनी प्रतिपादन केले. ध्वनी प्रदूषण करून आपल्याकडून पर्यावरणाचा न्हास होतो, टाळ्या वाजविल्याने पण हे होते. शिबिरार्थ्यांना त्यांनी आत्मविश्वास कसा वाढवायचा, भाषेवर प्रभुत्व कसे आणायचे ह्या बद्दल सुद्धा मार्गदर्शन केले.

“कायदेविषयक मार्गदर्शन” : मा.अॅड. मोतीसिंहजी मोहता (मानद् सचिव, दि बेरार जनरल एज्युकेशन सोसायटी आणि सदस्य महाराष्ट्र गोवा बार असोसिएशन व जिल्हा विधी सेवा प्राधिकारण, अकोला)

दि. १०.१२.२०१९ रोजी कायदे विषयक मार्गदर्शन हा कार्यक्रम संपन्न झाला. सायंकाळच्या सत्रात “कायदे विषयक मार्गदर्शन” ह्या कार्यक्रमाचे आयोजन करण्यात आले होते. या कार्यक्रमाच्या अध्यक्षस्थानी संस्थेचे मानद् सचिव मा.अॅड. मोतीसिंहजी मोहता तर मार्गदर्शक म्हणून न्यायाधिश मा. अमित कोकरे, प्राचार्य मा.डॉ. विजय नानोटी, उपसरपंच मा. उमेश बोपटे, पोलीस पाटील मा. कैलासराव आपोतीकर आदी उपस्थित होते. कार्यक्रमाला अध्यक्षस्थानी लाभलेले मा. अॅड. मोतीसिंहजी

श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

मोहता साहेब व प्रमुख पाहुणे म्हणून विद्यमान श्री. स्वरूपजी बोस, विद्यमान श्री. लाडवले साहेब आणि अॅड. गजाननजी खाडे यांनी उपस्थितांचे कायदे विषयक मार्गदर्शन केले. कार्यक्रमाचे सूत्रसंचालन प्रा. शैलेश जयस्वाल यांनी केले तर आभार प्रदर्शन डॉ. समाधान मुंडे यांनी केले. त्याच बरोबर श्री रा.ल.तो. विज्ञान महाविद्यालयाचे प्राचार्य डॉ. व्ही.डी. नानोटी सर, महिला कार्यक्रम अधिकारी डॉ. रश्मी जोशी मॅडम, श्री. दामोदरजी कडू गुरुजी, डॉ. उमेश बोपटे, श्री. प्रमोद बोपटे, श्री. ज्ञानेश्वर महाराज आदी प्रामुख्याने उपस्थित होते.

दि. ११.१२.२०१९ :

पाचव्या दिवसाच्या सकाळच्या सत्रात प्रार्थना, स्फूर्तिगिते त्याचबरोबर शिबिरार्थ्यांनी व्यायाम व आसने करून स्वच्छता रॅली काढण्यात आली. त्यामध्ये गावकऱ्यांना "उन्नत भारत अभियान पारिवारिक सर्वेक्षण" तसेच "महिला मेळाव्या" बद्दलची माहिती देण्यात आली. प्रभात फेरी दरम्यान गावातील लोकांना कार्यक्रमाला उपस्थित राहण्याचे आवाहन करण्यात आले. त्याचबरोबर श्रमदानाकरिता गावातील सांडपाण्याचे व्यवस्थापन करण्याकरिता शोष खड्यांचे ६० टक्के पर्यंत काम करण्यात आले.

"महिला मेळावा" : Women Cell (श्री रा.ल.तो. विज्ञान महाविद्यालय, अकोला)

"एक दिवसीय सोयाबीन प्रशिक्षण कार्यशाळा" : मा.सौ. वनिता कदम (दैनिक सकाळ, तनिष्का समन्वयक, अकोला)

दि. ११.१२.२०१९ रोजी दुपारच्या सत्रात "सोयाबीन प्रशिक्षण कार्यशाळा" आयोजित करण्यात आली व मा.सौ. वनिता कदम, दै. सकाळ, तनिष्का समन्वयिका ह्या अध्यक्ष म्हणून लाभल्या. सोयाबीन पासून दूध, गुलाबजाम, चकली, पनीर इ. पदार्थ कसे बनवायचे हे गावातील महिलांना प्रशिक्षण देण्यात आले, जेणेकरून घरगुती उद्योग सुरू करून महिलांना आत्मनिर्भर बनविण्यास मदत होईल. ग्रामीण भागात सोयाबीन सहजच उपलब्ध होते आणि जास्त भांडवल ना लावता कमी खर्चात गृह उद्योग सुरू करता यावे म्हणून गावातील महिला वर्ग व मुलींना ह्याचे प्रशिक्षण दिल्या गेले. मेळाव्यात एक आगळी-वेगळी स्पर्धा 'आजीचा बटवा' घेण्यात आली. ह्या स्पर्धेत औषधी गुण असलेल्या पदार्थांचे गुणधर्म सांगायचे होते. ह्या स्पर्धेला महिलांचे उत्स्फूर्त प्रतिसाद लाभले. उदघाटक म्हणून गावातील सरपंच सौ. लक्ष्मीताई घुशे उपस्थित होत्या. ७५ महिलांनी आपला सहभाग नोंदविला आणि त्यापैकी पहिल्या ३ विजेत्यांना पारितोषिके देण्यात आली.

"सावित्रीच्या लेकी" : मा.डॉ. स्वप्ना लांडे (समाज सेविका)

दि. ११.१२.२०१९ बुधवार रोजी मा.सौ.डॉ. स्वप्ना लांडे ज्या एक खूप उत्कृष्ट समाजसेविका आहेत व अंधश्रद्धा निर्मूलन समितीच्या सदस्या आहेत त्यांनी "सावित्रीच्या लेकी" ह्या विषयावर खूप सुंदर असे व्याख्यान दिले. सावित्रीबाई फुले व आजची स्त्री मधील साम्य तसेच फरक काय आहे व आजच्या स्त्रीला चांगले गुण अंगीकारून काम करण्याची गरज आहे असे प्रतिपादन केले. खंबीर आणि सक्षम असलेली आजची स्त्री, घर आणि कार्यालय, अशी दुहेरी भूमिका बजावत आहे व तीने ज्या सामंजस्याने ताळमेळ राखले आहे ते कौतुकास्पद आहे.

दि. १२.१२.२०१९ : "मासिक पाळी एक वरदान" : डॉ.सौ. स्नेहल कदम चौधरी (क्षितीज फाऊंडेशनच्या अध्यक्षा)

दि. १२.१२.२०१९ गुरुवार ला "मासिक पाळी एक वरदान" ह्या विषयावर व्याख्यान आयोजित केले गेले. व्याख्यान करिता मा.सौ. स्नेहल चौधरी कदम, क्षितीज फाऊंडेशन च्या अध्यक्षा तसेच S.D.P.O. City (Sub Divisional Police Officer) च्या धर्मपत्नी, ह्यांनी गावातील शाळेच्या इयत्ता ८वी, ९ वी आणि १० वी च्या ६६ मुली व शिबिरातील ७० मुलींचे मार्गदर्शन केले.

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गावातील मुलींसोबत त्यांनी थेट संवाद साधला.

“स्त्री सन्मान व सुरक्षा”

दुपारच्या सत्रात विद्यार्थ्यांसाठी “स्त्री सन्मान व सुरक्षा आणि सुरक्षात्मक उपाय योजना” विषयावर मा.श्री. गोपाळ मुकुंदे (पो.का. दामिनी पथक, अकोला पोलीस) यांनी मार्गदर्शन केले आणि त्याचप्रमाणे मा.श्री. विशाल मोरे (पो.का. दामिनी पथक अकोला पोलीस) यांनी “स्त्री सन्मान व सुरक्षा” या विषयावर विद्यार्थ्यांना मार्गदर्शन केले.

“मोतीबिंदू मुक्त गाव”

गावातील वरिष्ठ नागरिकां करिता “मोतीबिंदू मुक्त गाव” हे मोफत डोळे तपासणी शिबीर आयोजित केले गेले. प्रभात फेरी दरम्यान व दवंडी देऊन गावकऱ्यांना ह्या शिबिराबद्दल माहिती देण्यात आली. ४५ वर्षांच्या वर असलेले वरिष्ठ नागरिकांचे नांव नोंदण्यात आले. ह्या प्रकल्पा अंतर्गत नेत्र रोगतज्ञ डॉ. शिरीष थोरात ह्यांचे सहकारी डॉ. रितेश कोटेचा ह्यांनी ८३ गावकऱ्यांचे डोळे तपासले. ह्या ८३ लोकांपैकी २७ लोकांना मोतीबिंदू असल्याचे दिसून आले आणि ७ रुग्णांना ऑपरेशन करण्याचे सांगण्यात आले.

दि. १३.१२.२०१९ : “मोफत रक्तगट तपासणी शिबिर”

महाविद्यालयातील सुक्ष्मजीवशास्त्र तसेच जीव रसायन शास्त्र विभागाकडून रासेयोच्या विशेष शिबिर ग्राम आपोती येथे मोफत रक्तगट तपासणी शिबिर आयोजित करण्यात आले. ह्या शिबिराचे आयोजन मा.डॉ. यु.के. भालेकर, सुक्ष्म जीवशास्त्र विभाग प्रमुख तसेच प्रा. सोनाली गवांदे ह्यांनी केले. ह्या शिबिराकरिता कु. प्रिया इंगळे, कु. शीतल घुगे, कु. श्रद्धा माहेश्वरी, संदीप तोष्णीवाल ह्या शिक्षकांचा सहभाग होता. गावातील क.बा.आ.वी. महाविद्यालयाचे मुख्याध्यापक श्री. सतिश जाधव हे प्रमुख पाहुणे होते. ९ वी आणि १० वी च्या १०० शालेय विद्यार्थ्यांचे रक्तगट तपासून देण्यात आले.

“आपत्ती व्यवस्थापन कार्यशाळा”

श्री. रा.ल.तो. विज्ञान महाविद्यालयाद्वारे दत्तक ग्राम आपोती (खु.) येथे राष्ट्रीय सेवा योजनेचे आठ दिवसीय शिबिर आयोजित करण्यात आले होते. या शिबिरात श्री. रा.ल.तो. विज्ञान महाविद्यालयाच्या आपत्ती व्यवस्थापन कक्षाचे समन्वयक व रासेयोचे क्षेत्रीय समन्वयक डॉ. सुधीर कोहचाळे यांनी आपल्या प्रशिक्षित स्वयंसेवकांसोबत प्रात्यक्षिके दाखवत आपत्तीला न डगमगता कशा प्रकारे सामोरे जाता येऊ शकते याबद्दल मार्गदर्शन केले.

डॉ. समाधान एल. मुंडे
डॉ. रश्मी पी. जोशी (सावलकर)
कार्यक्रम अधिकारी
राष्ट्रीय सेवा योजना

प्रा. शैलेश आर. जयस्वाल
प्रा. सोनाली गवांदे
सहकार्यक्रम अधिकारी
राष्ट्रीय सेवा योजना

CULTURAL ACTIVITY

REPORT

Sant Gadge Baba Amravati University - Youth Festival (2019-20)

The following students participated in Youth Festival (2019-20) of Sant Gadge Baba Amravati University, Amravati held at Government Vidarbha Institute of Science & Humanities, Amravati.

Sr.No.	Name of Students	Class	Event
1	Misre Mohit R.	B.Sc. I	Fine Arts
2	Kalpekar Mayur D.	B.Sc. I	Music
3	Deshpande Shrutika G.	B.Sc. I	Music
4	Damodar Apoorva H.	B.Sc. I	Music, Theatre
5	Jadhav Hetal J.	B.Sc. I	Music
6	Tayde Anchal R.	B.Sc. I	Theatre
7	Biyani Radhika J.	B.Sc. II	Dance
8	Kelkar Sonal S.	B.Sc. II	Dance
9	Shrisat Kshitija D.	B.Sc. II	Dance
10	Thakur Laxmi R.	B.Sc. II	Dance
11	Mhaisane Vaishnavi B.	B.Sc. II	Fine Arts
12	Gawai Bhushan V.	B.Sc. II	Music, Dance
13	Bhagawatkar Sakshi P.	B.Sc. II	Dance
14	Dahake Divya H	B.Sc. II	Dance
15	Ghate Sharvari A.	B.Sc. II	Music, Dance
16	Pawar Anjali V.	B.Sc. III	Dance
17	Bathe Vaishnavi M	B.Sc. III	Dance
18	Sonwane Vaishnavi S.	B.Sc. III	Dance
19	Akolkar Ashwini S.	B.Sc. III	Dance
20	Deshmukh Animesh S.	B.Sc. III	Theatre
21	Gadekar Aniket K.	B.Sc. III	Theatre
22	Janjal Mahesh N	B.Sc. III	Literary Events
23	Chauhan Anuraj G.	B.Sc. III	Literary Events
24	Darmode Pawan D.	B.Sc. III	Theatre
25	Dange Rohit G.	B.Sc. III	Theatre
26	Ingle Shreyas S.	B.Sc. III	Literary Events, Theatre

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Achievements of Students

Sr.No.	Name of Students	Class	Event
1	Mr Bhushan Gawai Color Holder (Music) Youth Festival	B.Sc.II	Secured Bronze Medal, Qawwali Gayan, in National Youth Festival 2019 held at Indira Gandhi National Tribble University, Amarkantak
2	Mr. Animesh Deshmukh Color Holder (Theatre) Youth Festival	B.Sc.III	Participated in Central Zone Youth Festival 2019 held at Jiwaji University, Gwalior, M.P. in One Act Play. Participated in Indradhanushya Youth Festival held at Gondwana University, Gadchiroli Maharashtra.

The Berar General Education Society, Akola - Youth Festival (2019-20)

The following students participated in Youth Festival 2019 of The Berar General Education Society, Akola held at Smt. L.R.T. College of Commerce, Akola on 11th January 2020.

Sr.No.	Name of Students	Class	Event
1	Pawar Anjali V.	B.Sc. III	Dance, Theatre
2	Bathe Vaishnavi M	B.Sc. III	Dance, Theatre
3	Sonwane Vaishnavi S.	B.Sc. III	Dance
4	Dahake Divya H	B.Sc. II	Dance
5	Biyani Radhika J.	B.Sc. II	Dance
6	Kelkar Sonal S.	B.Sc. II	Dance
7	Shrisat Kshitija D.	B.Sc. II	Dance
8	Thakur Laxmi R.	B.Sc. II	Dance
9	Gawai Bhushan V.	B.Sc. II	Music
10	Ghate Sharvari A.	B.Sc. II	Music
11	Deshmukh Animesh S.	B.Sc. III	Theatre
12	Gadekar Aniket K.	B.Sc. III	Theatre
13	Zatale Gopal B.	B.Sc. III	Theatre
14	Shende Kuldeep P.	B.Sc. III	Theatre
15	Sunariwal Himanshu K.	B.Sc. III	Theatre
16	Sawale Ankit R.	B.Sc. III	Theatre
17	Sharma Mohit K.	B.Sc. I	Theatre
18	Sane Tanya G.	B.Sc. I	Theatre
19	Mate Shruti P.	B.Sc. III	Dance

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Students Participated in Cultural Activities

Sr.No.	Name	Class	Event
1	Ms. Sharvari Ghate	B.Sc.II	Participated in Inter-Collegiate Light Music singing Competition held at Dadar Matunga Cultural Center on 5 th October 2019 Participated in Late Sandhya Ukhalkar Bhavgeet Spardha held at Shri Shivaji College, Akola on 16 th January 2020. Participated in National Level Open Light Music (Sugam Sangeet) Competition held at Smt. R.D.G. College for Women, Akola on 6 th February 2020. Participated in "Sugam Sangeet Competition" held at Smt. L.R.T. College of Commerce, Akola on 7 th February 2020
2	Ms. Preeti Thakare	M.Sc.II	Participated in "Sugam Sangeet Competition "held at Smt. L.R.T. College of Commerce, Akola on 7 th February 2020
3	Mr. Bhushan Gawai	B.Sc.II	Participated in Late. Sandhya Ukhalkar Bhavgeet Spardha, Shri Shivaji College, Akola on 16 th January 2020. Participated in Late. Sandhya Ukhalkar Bhavgeet Spardha held at Shri Shivaji College, Akola on 16 th January 2020.

Dr. R.D. Chandrawanshi is the Chairman and Mr. M.R. Ubale, Dr. S.B. Tadam, Ms. S.N. Gawande and Mr. V.D. Deotale are the members of Cultural Committee.

Dr. R. D. Chandrawanshi
Chairman
Cultural Committee

Online Short Term Course on Research Methodology

Four days Online Short Term Course on Research Methodology was being organized by Shri R.L.T. College of Science, Akola in collaboration with Ph.D. Cell, Sant Gadge Baba Amravati University, Amravati, Amravati University Chemistry Teachers' Association and Microbiologist Society, India from 13th July to 16th July 2020. The programme was started with University song. Principal Dr. V.D. Nanoty delivered the welcome speech and Hon'ble Dr. Hemant Deshmukh, Director Board of Examinations and Evaluations gave the introductory remark.

The Online Short Term Course was formally inaugurated by Hon'ble Vice-Chancellor of Sant Gadge Baba Amravati University, Amravati Hon'ble Dr. Murlidharji Chandekar, followed by stimulating speech of Hon'ble Vice-Chancellor. Dr. F.C. Raghuwanshi, Dean, Faculty of Science and Technology gave a motivational speech. Dr. P.R. Rajput, President, AUCTA and Dr. A.M. Deshmukh, President, MSI also gave their best wishes to the Online Short Term Course.

Dr. Tushar Deshmukh, Registrar, Sant Gadge Baba Amravati University, Amravati also expressed his views on this occasion and admired that he is feeling proud to be an alumni of Shri R.L.T. College of Science, Akola. It is really a proud moment for all of us.

Dr. Harish Malpani proposed the vote of thanks by giving best wishes of Hon'ble President Adv. Motisinghji Mohta and Shri Pawanji Maheshwari, Hon. Secretary, The B.G.E. Society, Akola.

The major topics covered in the first day are 'Importance of Starting Process of Ph.D.' by Dr. G.V. Korpe, Head, Dept. of Chemistry, Shri Shivaji College, Akola, 'Research and Entrance Exam' by Dr. S.D. Katore, Head, Dept. of Mathematics, S.G.B. Amravati University, Amravati, 'Ph.D. Entrance Exam' by Dr. Sunanda Aswale.

On second day there was one live session of Dr. D.S. Dhote, Principal, Brijlal Biyani College, Amravati on 'Academic and Research Scoring Methodology Under Seventh Pay'. This live session was followed by the video lectures of Dr. G.T. Lamdhade on Review of Literature, Dr. K.N. Puri on 'Guidelines for Pre-Ph.D. Course Work' and video lecture of Dr. M.G. Bhodhankar on 'Scientific Writing'. The second day live session was conducted by Dr. H.S. Malpani and vote of thanks was proposed by Shri R.D. Choudhari.

Third day session was began with the live session of Shri Sujay Band, Asst. Registrar, Ph.D. Cell, Sant Gadge Baba Amravati University, Amravati. Video session of Dr. M.K. Patil, Dr. R.A. Gulhane and Dr. V.P. Gudadhe on various topics such as 'Research Paper Publication', 'Thesis Writing' and 'Academic Integrity and Plagiarism' respectively. The Programme was conducted by Dr. Poonam Agrawal and vote of thanks was proposed by Shri Ram Ghayalkar.

Fourth day there was video session of Dr. M.T. Sangole on 'Summery Writing and Tips for Open Defence Viva'. Dr. Deepak Koche's video session on 'Patent Filling' and Dr. Hemant Chandak gave video on 'PDF and Funding Opportunity for Research'.

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The short term course was facilitated by Eminent Professors, Associate Professors, Asst. Professors and Researchers who came from different discipline and have real expertise in different areas of research methodology. The short term course was attended by 3225 participants across different parts of country and abroad also. These includes scholars from various states of India like Assam, M.P., Maharashtra, Uttar Pradesh and many more participants from other countries like Philippines, Dubai were also there.

The important objective behind this short term course was to provide an in-depth understanding of contemporary research methodology and to help the participants to choose the right methodology pertinent to their research topics and variables. Overall conclusion of this short term course was improving the quality of research works of participants besides honouring them with the certificates. Participants were invited to share their learning experience and overall coordination of workshop by google forms.

Finally the vote of thanks was proposed by the Organizing Secretary Dr. Poonam Agrawal. In her speech she thanks Principal Dr. V.D. Nanoty for their guidance and organizing members Dr. A.G. Sarap, Dr. H.S. Malpani, Dr. Rohit Agrawal and Shri Shailesh Jaiswal and to each and every person for making this event a grand success. The programme was concluded with happy note from everyone.

Dr. P. T. Agrawal

Coordinator

Online Short Term Course

E-Certificate Course in Sericulture

Department of Zoology, Shri R.L.T. College of Science, Akola and IQAC organized "E-Certificate Course in Sericulture" from 11th May to 14th May 2020. Dr. Rashmi Joshi (Sawalkar), Assistant Professor, Zoology was the co-ordinator of this virtual 4 days training course in sericulture. Total 733 participants registered for the course. Every day from 11:00 am to 2:00 pm the video lectures (Reference: Central Sericulture Board, Bangalore and University of Mysore) were posted to train the participants and after that daily quiz examination on the related topics was conducted. Study material in PDF format was also provided to every participant for their last qualifying examination. On 15th May 2020 the final quiz was conducted and 720 participants appeared for the quiz. Out of which 615 participants qualified the examination and got certificates of appreciation. The course was conducted under the able guidance of Dr. S.M. Nagrale, Head, Department of Zoology with the kind support of the visionary Principal Dr. V.D. Nanoty, Shri R.L.T. College of Science, Akola.

Dr. R. P. Joshi

Coordinator

E-Certificate Course

Skill Development Programme on Fresh Water Aqua Culture

Three days skill development programme on Fresh Water Aqua Culture was organized from 02-01-2020 to 04-01-2020 by Department of Fisheries, Government of Maharashtra, Assistant Commissioner of Fisheries, Akola in partnership with National Fisheries Development Board (NFDB), Hyderabad and in collaboration with Shri R.L.T. College of Science, Akola.

On first day Inauguration of training programme was held at Shri R.L.T. College of Science, Akola. This function was held in presence of Adv. Motisingh Mohta, Hon. Secretary, The B.G.E. Society, Akola as inaugurator and chief guest, Shri Suresh Bharti, Assistant Commissioner of Fisheries, President of function, Dr. V. D. Nanoty, Principal, Shri. R.L.T. College of Science, Akola, Shri Vinod Rathod, Fisheries Development Officer, Dr. Sudhir Kohchale Coordinator of programme, Dr. Archana Sawarkar Organizing Secretary and Shri Dipak Wankhade. Dignitaries addressed the participants and audience. This programme was conducted by Dr. Archana Sawarkar and Dr. Sudhir Kohchale proposed the vote of thanks.

In the first technical session Ashitosh Jadhao, Assistant Fisheries Development Officer delivered his talk on tilapia farming methods. He explained how tilapia was introduced in India and benefits of culturing tilapia. Shri K.S. Badihaveli, Fisheries Development Officer delivered lecture on Site Selection for Aqua Culture and Fresh Water Pearl Farming, Ashitosh Jadhao, Assistant Fisheries Development Officer delivered his lecture on Integrated Culture System, Dr. Archana Sawarkar, Assistant Professor, Department of Zoology delivered the talk on Fresh Water Fishes. All participants visited Katepurna Breeding Centre at Mahan, where technical guidance was provided by Shri Vinod Rathod, Fisheries Development Officer. Firstly, he explained different Indian major carps like Catla catla, Labeo rohita and Cyprinus carpio. He talk about identifying male and female fishes. Amita Jain, Asstt. Fisheries Development Officer delivered her lecture on Fish in Human Diet and Value Aided Fish Farming. Visit to Fisheries Laboratory of Shri R.L.T. College of Science, Akola, Shri Sunil Gupta shown different stages of fishes from fertilized egg to adult fish. He also showed preserved predator fishes specimens which are harmful to aqua culture. Dr. Sudhir Kohchale, Assisiant Professor Department of Zoology delivered his lecture on Fish Disease, Shri Suresh Bharti, Assistant Commissioner of Fisheries guided participants on different schemes of fish farming and how to make use of government schemes for construction, renovation, extension or remodelling of fish farms. After all technical session's valedictory function was followed by distribution of certificates. Total 25 farmers and 25 students participated in workshop.

Dr. S. R. Kohchale
Coordinator
Skill Development Programme

**E-Workshop on
Disaster Management Preparedness**

The B.G.E. Society's Shri R.L.T. College of Science, Akola Department of Life Long Learning and Extension, Sant Gadge Baba Amravati University, Amravati and District Disaster Unit, Akola jointly organized three days 'National Level E-Workshop on Disaster Management Preparedness' from 27-5-2020 to 29-5-2020. Hon. Adv. M.G. Mohta, President, The B.G.E. Society, Akola was present as a chairperson of inaugural function. Workshop was inaugurated at the hands of Hon. Dr. Murlidharji Chandekar, Vice-Chancellor, SGBAU, Amravati, in presence of Dr. Shrikant Patil, Director, Department of Life Long Learning and Extension, SGBAU, Amravati, Shri Pavanji Maheshwari, Hon. Secretary, The B.G.E. Society, Akola, Dr. V.D. Nanoty, Principal, Shri R.L.T. College of Science, Akola, Dr. S.R. Kohchale, Organizing Secretary of Workshop, Dr. A.S. Sawarkar, Jt. Secretary and organising committee members Shri Shailesh Madavi, Shri Shankesh Zyate and Dr. Samadhan Munde. Shri Sandip Sable, Disaster Management Officer, District Disaster Management Unit, Collector Office, Akola, Dr. Prafulla Katkar (Ph.D., Italy PDF, Denmark) Department of Microbiology, Gurunanak College of Science, Ballarpur (M.S), Akshay Ghope, SPPU, Pune, Dr. Sudhir R. Kohchale, Coordinator, Principal Brigade, Disaster Management Club, Shri R.L.T. College of Science, Akola, Shri Sandip Waghalkar, TOT Expert, District Collector Office, Akola, Dr. P. Madhiyaghazan, Assistant Professor, Department of Zoology, J.K.K. Nataraja College of Arts and Science, Komarapalayam, Namakkal (Tamilnadu) and Siddhesh Menon, Faculty, Department of Microbiology, St. Xavier College, Goa delivered lectures on various topics of disaster preparedness.

Dr. S. R. Kohchale
Organizing Secretary
E-Workshop

RESEARCH ACTIVITY

REPORT

1. Paper Publication in National / International Journals

SN	Department		Name of Authors	Number of Research Papers
1	Microbiology	03	Dr. V. D. Nanoty	02
			Dr. U. K. Bhalekar	01
			Dr. H. S. Malpani	03
2	Chemistry	21	Dr. P. T. Agrawal	04
			Dr. P. P. Deohate	06
			Dr. K. M. Heda	03
			Dr. P. R. Kawle	03
			Dr. A. G. Sarap	03
			Mr. V. D. Deotale	02
3	Zoology	15	Dr. S. M. Nagrale	02
			Dr. A. S. Sawarkar	02
			Dr. S. R. Kohchale	03
			Dr. R. L. Rahatgaonkar	01
			Dr. R. P. Joshi Sawalkar	07
4	Botany	11	Dr. V. N. Badgujar	02
			Dr. P. M. Khadse	03
			Dr. Anjali A. Sangole	03
			Mr. S. V. Madavi	03
5	Physics	07	Mr. P. P. Gedam	01
			Dr. R. M. Agrawal	05
			Mr. S. R. Jaiswal	01
6	Electronic	01	Mr. R. D. Chaudhari	01
7	Computer Science	02	Mr. R. B. Ghayalkar	02
8	English	01	Mr. A. B. Khedkar	01
9	Library	01	Mr. M. R. Ubale	01
10	DPE	03	Dr. R. D. Chandrawanshi	03

श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

2. State / National Level Seminar, Workshop or Research Related Activity Carried out by Department

Sr. No.	Department	Seminar, Workshop / Research Related Activity	State and National Level	Date
1	Shri R.L.T. College of Science, Akola, Dept. of Fisheries, Govt. of Maharashtra, Office of Asst. Commissioner of Fisheries (Tech), Akola	Skill Development Programme on Fresh Water Aqua Culture	State Level	02.01.2020 to 4.01.2020
2	Shri R.L.T. College of Science, Akola	National Conference on "Recent Trends in Life Science for Sustainable Development"	National Level	24.01.2020
3	Department of Microbiology	International Guest Lecture on Microbiology	International Level	13.2.2020
4	Department of Zoology	E-Certificate Course in Sericulture (Online)	National Level	11/05/2020 to 14/05/2020
5	Department of Chemistry	Certificate Course in Spectroscopic Technique in Chemistry (online) (STC 2020)	State Level	04.05.2020 to 11.05.2020
6	Shri R.L.T. College of Science, Akola	National Online Workshop on Operating Techniques of Scientific Instruments in Laboratory (OTSIL-2020)	National Level	11.05.2020 to 15.05.2020
7	Shri R.L.T. College of Science, Akola	State Level Online Workshop on Intellectual Property Rights (IPR-2020)	State Level	23.05.2020 to 29.05.2020

3. Books and Chapters in Edited Volumes / Books Published, Per Teacher During the Year

Sr. No.	Department	Name of Author	Title of book / Unit	Name of Publication	Date/ Year
1	Chemistry	Dr. K.M. Heda	Practical book for B.Sc.II year	Pragati Prakashan, Meerut	2019

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4. Resource Person

Sr. No.	Name of Resource Person	Key Note Address / Invited Talk	Name of Institute / Place	Date
1	Dr. R.D. Chandrawanshi	Invited Talk (National Conference)	S.N. Arts & U.K. Commerce College, Akola	21.08.2019
		Invited Talk (International Conference)	College of Management and Computer Science, Yavatmal & Smt. N.W. Arts College, Yavatmal	27-28.12.19
2	Dr. A.S. Sawarkar	Invited Talk	Shankarlal Khandelwal College, Akola	10.08.2019
		Invited Talk	Biyani Sci. College, Amravati	3-4.10.2019
3	Dr. P.P. Deohate	Lecture (Certificate Course)	Shri R.L.T. College of Science, Akola	4-11.05.2020
4	Dr. R.P. Joshi Sawalkar	Waste to Energy	Shri R.L.T. College of Science, Akola	28.05.2020
		Business Opportunities in Waste to Energy Sector		28.05.2020
		How to Create and Demonstrate Google Classroom.		10.06.2020

5. Achievements / Awards for Innovation, Research Won by Teachers During the Year

Sr. No.	Title of the Awards	Name of the Teacher	Awarding Agency	Date of Award	Category
1	2 nd Prize for Best Poster Presentation	Dr. S.R. Kohchale	11 National Conference, Seth Kesarimal Porwal College of Arts and Science, Kamptee and ISCAS	20-21.12.19	Poster Presentation
2	1 st Prize for Best Oral Presentation	Dr. S.R. Kohchale	National Conference, Shri R.L.T College of Science, Akola	24.01.2020	Oral Presentation
3	2 nd Prize for Best Poster Presentation	Dr. S.R. Kohchale	National Conference, Dr. Ambedkar College, Nagpur	01.02.2020	Poster Presentation

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6. Achievements / Awards for Innovation, Research Won by Research Scholars / Students During the Year

Sr. No.	Title of the Innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
1	2 nd Prize for Best Poster Presentation	Miss Kalpana Palaspagar (Research Scholar)	National Conference, Shri Shivaji Science College, Amravati	18.12.2019	Poster Presentation
2	2 nd Prize for Best Oral Presentation	Miss Shraddha Akhare (M.Sc.II Chemistry)	National Conference, Shri R.L.T College of Science, Akola	24.01.2020	Oral Presentation

7. Orientation / Refresher and Short Term Course

Sr.	Name of the Courses	Place	Duration	Sponsoring Agency
1.	Dr. R.D. Chandrawanshi Refresher Course in Physical Education and Sports Science	UGC-HRDC Sant Gadge Baba Amravati University, Amravati	02-16.03.2020	UGC-HRDC
2	Dr. P.M. Khadse Short Term Course in (Research Methodology)	UGC-HRDC Sant Gadge Baba Amravati university, Amravati	19-24.08.2019	UGC-HRDC
3	Dr. R.P. Joshi Sawalkar Orientation Programme	UGC-HRDC Sant Gadge Baba Amravati University, Amravati.	15.07.2019 to 05.08.2019	UGC-HRDC
	NSS Orientation Programme	ETI Ahmednagar College, Ahmednagar.	24-30.08.2019	NSS-Empanelled Training Institute Ahmednagar College
	FDP on Creating MOOC's	Ramanujan College, Delhi	18.05.2020 to 03.06.2020	MHRDC

श्री रा.ल.तो. विज्ञान महाविद्यालय, अकोला
सुवर्ण महोत्सव '५० वर्ष - ५० उपक्रम'

क्र.	उपक्रमाचे नांव	क्र.	उपक्रमाचे नांव
१.	१४ तास अभ्यास विकासाचा ध्यास	२७.	अभिरूप मतदानात सहभाग
२.	आपत्ती व्यवस्थापन - काळाजी गरज	२८.	बेस्ट मायक्रोबायोलॉजी डिपार्टमेंट अवार्ड
३.	प्री-पीएच.डी. - संशोधनाची सुरवात	२९.	नो प्लास्टिक - एक कदम स्वच्छता की ओर
४.	वृक्षवल्ली आम्हा सोयरी	३०.	सॉफ्ट स्कील डेव्हलपमेंट कार्यशाळा
५.	प्रवेशोत्सव	३१.	रासेयो पथकाचे उद्घाटन
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९.	शारीरिक क्षमता विकास कार्यक्रम	३५.	सेवानिवृत्त प्राध्यापक व शिक्षकेतर कर्मचारी सन्मान सोहळा
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१४.	वृक्षरक्षाबंधन - अनोखा उपक्रम	४०.	वर्धापन दिन संस्थेचा - ध्यास प्रगतीचा
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२१.	आंतरमहाविद्यालय व आंतरशालेय वक्तृत्व स्पर्धा	४७.	छत्रपती शिवाजी महाराज जयंती
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National Conference on Multidisciplinary Research in Science and Technology for Healthy Life Style Management (NCMRST-2020), 24th January 2020
Publication of Souvenir at the Hands of Hon'ble Dr. M.G. Chandekar, Vice-Chancellor, S.G.B. Amravati University, Amravati



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