

A decorative border in black ink frames the page. It consists of a simple rectangular line with ornate, symmetrical flourishes at each of the four corners. Each flourish features two stylized citrus slices, possibly lemons or oranges, with visible segments and seeds, intertwined with swirling lines.

*Report Section*

## DEPARTMENT OF BIOCHEMISTRY

### REPORT

Biochemistry gives students a variety of skills that are readily transferable and a practical understanding of laboratory work. It is a subject opted by majority of students of degree college. The Department of Biochemistry, Shri R.L.T. College of Science, Akola, aims to develop practical and technical skills in students through laboratory-based work and guide them to assist the society about health prospective.

The department is working under esteemed guidance of Associate professor and Incharge Head Dr. U.K. Bhalekar. The Teaching staff of department includes Ms. M.M. Deshmukh, Ms. D.R. Goyanka and Mr. P.B. Ingle. The Department of Biochemistry has shown its potential by participating and conducting various activities during the academic session. The Department has organized assignments, seminars and projects for the B.Sc. Part I, II and III year students as part of their syllabus for internal assessment and to increase the skill of the students.

Along with three year degree course, to motivate the students for their better future, department provides the students with Certificate course in Clinical Laboratory Technology (CCLT), Diploma in Clinical Laboratory Technology (DCLT) and Advance Diploma in Clinical Laboratory Technology (ADCLT).

In this academic year, the total number of admissions was as follows :

Sr.No.	Class/Course	Number of students
1	B.Sc. I	39
2	B.Sc. II	47
3	B.Sc. III	42
4	CCLT	91
5	DCLT	51

During the session 2018-2019, the department conducted various activities :

- In association with the department of Microbiology, a blood grouping camp was held on 24<sup>th</sup> December, 2018 in memory of Late Principal Shri. M.G. Joshi.
- On 6<sup>th</sup> January, 2019, The Berar General Education Society organized a health camp for all staff members of society. The camp was successfully conducted by the department of biochemistry in association with the department of microbiology. The BMI, blood sugar levels and blood pressure of approximately 105 staff members was calculated. Dr. Nanasaheb Choudhari addressed the camp and gave the importance of food and health.
- On 28<sup>th</sup> February, 2019, on the occasion of National Science Day, a State level seminar on "My Health,

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

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My Responsibility” and a teachers' workshop on “Teaching Constrains in Microbiology & Allied Sciences” was jointly organized by the department of biochemistry & microbiology in collaboration with Microbiologist's Society India. More than 400 students were benefitted. The eminent & dynamic personalities like Dr. Shiva Aithal and Dr. A. M. Deshmukh addressed the students by their informative technical talk sessions.

- On Republic Day, to motivate and encourage the students for good work, students who have achieved quality in various fields are duly awarded for their bright accomplishments.
- Students of the department enthusiastically participated in extra-curricular activities like seminars, education tours, workshops and other activities.

**Dr. Umesh K. Bhalekar**  
Incharge  
Department of Biochemistry

## DEPARTMENT OF BOTANY

### REPORT

Department of Botany has shown its potential by participating and conducting various curricular and co-curricular activities during the academic session.

#### Departmental Activity and students Achievement

On the occasion of 'Vanmahotstav' on 23.07.2018, Department of Botany distributed plants sapling. These saplings were developed by the seeding collected by students of "HOLY BASIL" Club from College campus. Our principal Dr. V.D. Nanoty, Dr. Rahatgaonkar, Prof. R.G. Chavan, Dr. S.M. Nagrale and all the staff members of Botany Dept. Prof. Mrs. V.N. Badgujar, Dr. P.M. Khadse, Dr. A.A. Sangole & Prof. S.V. Madavi, Miss. D.G. Raipure were present.

On the eve of Independence day 15.08.2018 "Tree Plantation" activity was carried out in the College campus and in Botanical Garden. Pricipal Dr. V.D. Nanoty, Dr. U.K. Bhalekar, Prof. R.G. Chavan, Dr. Poonam Agrawal grace the occasion. All Hod's and all the staff members of Botany Department & Students of Holy Basil Club were present.

On 05.09.2018, Teachers Day 'Self Governance Day' was celebrated by conducting seminars of students from B.Sc. II year.

On 8<sup>th</sup> Sep. 2018, Dr. Ashwin D. Nannaware (CSIR, Central Institute of Medical And Aromatic Plants) Lucknow, visited Department of Botany & Botanical Garden and interact with the students regarding Medicinal & Aromatic plants.

Department of Botany "Holy Basil club" organized " Study Tour" for B.Sc. I and B.Sc. II students at "Lonar Crater" on 30.01.2019. All the staff members Prof.Mrs. V.N. Badgujar, Dr. P.M. Khadse, Dr. A.A. Sangole & Prof. S.V. Madavi were present in this Tour.

Similarly Study Tour of B.Sc.III (Sem.VI) was organized by Botany Dept. on 10.03.2019 to 13.03.2019 to Hyderabad. All the staff members & students were present in this Tour.

On 11.03.2019 student's of 'Vidhyan Manch' visited Botany Department. Dr. A.A. Sagole guided students by introducing function & use of various microscope.

Similarly Seminars, Assignments & Projects were conducted for B.Sc. I, B.Sc. II & B.Sc. III yr. students in both semesters. Students participated in various workshops and seminars.

Our students participated in Three day state level workshop on "Nursery Techniques & Management" held on 9<sup>th</sup> - 11<sup>th</sup> Jan. 2019 at Rajshree Shahu Science College, Chandur Rly.and Vinayak Vidnyan Mahavidyalaya Nandgaon (Kh.) Amaravati.

Shri.Akhilesh Puranik	B.Sc.I yr.
Shri.Givind Andhare	B.Sc.II yr.
Shri.Mangesh Deshmukh	B.Sc.III yr.

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

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Our students Participated in Inter-university poster competition (IUPC-IS-2019) held by Dept. of Botany & IQAC of Shri Shivaji Sci. Akola in collaboration with Indian Science Congress, Amaravati chapter (MS).

Shri Om Kale	B.Sc. I yr.
Ku. Bhagyashree Sawarkar	B.Sc. II yr.
Shri. Harshal Bais	B.Sc.III yr.

The students from B.Sc. II yr., Shri Sachin Atkar & Shri Himanshu Sunariwal attended One day Inter Collegiate workshop on "Flower, Structure and Types of Inflorescences" at ACS College, Kiran Nagar Amravati, on 01.11.2018.

The important achievements of the faculty members of the Dept. of Botany during the session 2018-19 are highlighted below.

**Mrs. V.N. Badgujar** : She has completed Refresher course in Life Science at SGBAU Amravati from 20th Aug.2018 – 12<sup>th</sup> sep. 2018 she has presented Research papers in International Conference on 'Multifunctional Advance materials. ICMAM-2018' on 5<sup>th</sup> to 7<sup>th</sup> Oct.2018 organized by Kamala Neharu Mahavidyalaya, Dharampeth M.P. Deo Memorial Science College, Nagpur. & Published paper in International Journal of Current Engineering and Scientific Research (IJCESR).

She has also presented paper in National conference on "Emerging trends in Science held at Vidyabharti Mahavidyalaya, Amaravati on 01.02.2019 & 02.02.2019.

She has published paper in International E-Research journal "Research Journey" having impact factor-SJIF 6.261. Also she has attended 9 workshops.

**Dr. P.M. Khadse** : He has received his Ph.D. degree on 18<sup>th</sup> july 2018, Thesis title "Phytochemical Analysis and Anatomical study of some unknown medicinal plants used in Diabetics"

He has completed Refresher course organized by Academic Staff college HRDC, RTM- Nagpur University Nagpur, During the period 17.09.2018 to 07.10.2018 .

He has also worked as Co-officer Incharge for the Winter Examination 2018 held at Narsimha Arts,Commerce & Science College, Amaravati during the period 16.10.2018 to 12.12.2018.

He has participated & presented papers in National conference on "Emerging trends in Science" held at Vidyabharati Mahavidyalaya, Amaravati on 01 & 02.02.2019. He published his paper in International E-research journal "Research Journey" having impact factor SJIF 6.261. He also participated in National conference "Recent Advances in Science & Technology" (RAISAT-2019) held at Gopikisan Sitaram Gawande Mahavidyalaya, Umardhed and published his paper in "Ajanta" An International Multidisciplinary Quarterly Research Journal having impact factor 5.5. He has also attended 3 workshops.

**Dr. A.A. Sangole** : She has presented Research paper in International Conference on Multifunctional Advanced Material ICMAM-2018 Organized by Kamala Neharu Mahavidyalaya Nagpur & Dharampeth M.P. Deo Memorial Science College, Nagpur on 5<sup>th</sup> to 7<sup>th</sup> oct.2019. She has published Paper in International journal of Current Engineering & Scientific Research (IJCESR).

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

She has presented paper in UGC sponsored National conference "Emerging Trends in Science" on 01.02.2019 - 02.02.2019. held at Vidyabharati Mahavidyalaya, Amaravati. She has published paper in International E-research journal "Research Journey" having impact factor SJIF 6.261. She has also presented paper in National conference on "Recent Advances in Science & Technology" (RAISAT-2019) organized by Gopikabai Sitaram Gawande Mahavidyalaya, Umardhed. She has published her paper in International Multidisciplinary Quarterly Research Journal "Ajanta" having impact factor 5.5. She has attended 3 Workshops.

**Prof. S.V. Madavi** : He has participated in two days National Conference "Emerging Trends in Science" held at Vidyabharati Mahavidyalaya Amaravati on 1 & 2 .02.2019.

He has also attended 2 workshops.

Our CHB teacher Miss Rasika Patil awarded Ph.D. Degree. On 27<sup>th</sup> Feb. 2019. Her Thesis Topic was "Phytopathological studies of some medicinal plants from Dnyanganga wild life Sanctuary".

### Holy Basil Club

(Botanical Association for sustainable & Innovative learning)

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 & creates platform for emerging young scientist and developer skills among the students.

Various activities were taken during the session.

Department of Botany "Holy Basil Club" organized 'Flower Show' for B.Sc. II year students on dated 23.01.2019. Our principal Dr. V.D. Nanoty was the president of the function. Mrs. V.N. Badgujar gives the introduction & aim of the programme.

The competition was judge by Dr. P.T. Agrawal (HOD Dept. Chemistry) and Dr. Sudhir Kohchale (Asst. Prof. Dept. of Zoology). The event was organized by Dr. A.A. Sangole and Prof. S.V. Madavi. The programme was conducted by Prof. S.V. Madavi & Dr. P.M. Khadse proposed vote of thanks. In all 48 students participated in this event. The winners of the programme was awarded by certificates and cash prize.

- |                          |   |           |
|--------------------------|---|-----------|
| • Ku. Archita S. Pundkar | } | I Prize   |
| • Ku. Neha Moraskar      |   |           |
| • Ku. Vaishnavi S. Ingle | } | II Prize  |
| • Ku. Vaishnavi A. Tayde |   |           |
| • Shri Akash More        | } | III Prize |
| • Shri Yogesh Katre      |   |           |

Similarly Study Tour of B.Sc. I and II Students was organized to the 'Lonar crater' in Buldhana district by the Department on 30.01.2019. In all 47 students participated in the study Tour.

The students collected the plants from the vicinity of Lonar Lake & identified them with the help

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

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of Flora of Maharashtra. All the staff members Prof. Mrs. V.N. Badgujar, Dr. P.M. Khadse, Dr. A.A. Sangole, Prof. S.V. Madavi participated in this Tour Shri G.P. Sharma, Shri Prakash Salphade & Shri Harish Umbarkar accompanied the tour.

Similarly Department of Botany 'Holy Basil Club' organized study tour for B.Sc. III year students to Hyderabad on 10.03.2019 to 13.03.2019. The students visited Global icon of Hyderabad i.e. charminar, as well as salarjung Museum, Ramoji film city and various historical places. They visited the kotla Vijaybhaskar Reddy Botanical Garden. They also visited Bonsai garden & color garden in which different ornamental plants were cultivated. In all 18 students participated along with Teaching staff. Pro. V.N. Badgujar, Dr. P.M. Khadse, Prof. S.V. Madavi and Non-Teaching Staff Member Mr. R.S. Dandnaik accompanied with the students.

**Prof. Mrs. Vaishali 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 2018-19 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 2019-19 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 12<sup>th</sup> September 2018. Principal Dr. V.D. Nanoty was the president for this function and Dr. R.J. Chavan, Head, Department of Electronics was the inaugurator for the function. Presence of head's of various departments had been added grace to this function. Ms. Sapana Chavhan 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.

#### **National Level Workshop on "Art of Perfume & Soap Making"**

"Education must be for giving the jobs, not for securing the jobs" with this motto Department of Chemistry's CRYSTAL Club organized a One Day National level workshop on 'The Art of Perfume & Soap Making' on 9<sup>th</sup> September 2018. Hon'ble Dr. Ranjeet Patil, Minister of Home Affairs was the Inaugurator of the workshop. IAS, District Collector, Akola Hon'ble Shri Astikkumar Pande was the Guest of Honor for this workshop. Hon'ble Dr. R.B. Heda, the President of The B.G.E. Society, Akola was the President for the Programme. The Inauguration of workshop took place in the gracious presence of Honorary Sec. of the B.G.E. Society Adv. Motisinghji Mohta and all the executive member of the B.G.E. Society. Er. Ashween Nannware, Scientist, CSIR central Institute of Medicinal and Aromatic Plant Lucknow and Mr. and Mrs. Mukul Agrawal Industrialist of Manufacturing Perfume and fragrance Product, Nagpur was the Resource person of the workshop. More than 500 students from all over the region got benefited by this workshop. All the staff members and members of crystal club organized the event



successfully.

#### **One Day workshop on “Self Employment: Manufacturing of Fragrance Stick”**

CRYSTAL Club Department of Chemistry organizes one day workshop on manufacturing of fragrance stick to make the students self employed and to develop a practical skill among the students. Alumni of our department give the demonstration how to make the fragrance stick and which chemicals were used to make various types of fragrance. Apart from this the second part of workshop includes the environmental friendly fragrance preparation by using the temple waste known as Nirmalya. This is the best part of the workshop. Student themselves prepared the stick by using the Nirmalya and sold these sticks to the teaching and non teaching staff members of the college and money collected from this activity was donated for Kerala flood victims.

#### **Organization of Workshop of “Agarbatti Making (Fragrance Stick Making & Making of Paper Bag)” at Village Appoti during the Residential Camp**

Crystal Club not only stop this activity by preparing these fragrance stick by their own but also the students of CRYSTAL Club gave the demonstration of this Agarbatti making to developed a self employment among the village people. Also to bring the environment awareness among these village people students of our college gave them the demonstration about the making of paper bag.

The important academic activities of department of chemistry during the session 2018-19 are as highlighted below.

#### **Guest Lecturers**

‘CRYSTAL Club’ organized the guest lectures of eminent personalities in the subject chemistry. **Dr. Rajesh Singh, Scientist-C, Environmental Hydrology Division, National Institute of Hydrology, Roorkee** delivered the guest lecture on ‘Water Quality and Control’ on 3<sup>rd</sup> January 2019 for the B.Sc as well as M.Sc. students.

#### **Organization of Poster Presentation Competition**

‘CRYSTAL Club’ of Chemistry Department is always ahead for the co-curricular activities. This year CRYSTAL Club organizes the Poster Presentation Competition for M.Sc.-I & M.Sc.-II year students on January 14, 2019. The topics given for the poster presentation competition were air pollution, water pollution, soil pollution, green chemistry. 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 also motivates the student to participate in various co-curricular activities and also develop self confidence in them.

Total 27 Students participated in this activity. The best poster presentation has been awarded by giving the prizes in the form of the Book. Prizes were sponsored by the alumni of the Chemistry Department. **Ms. Shraddha Hatgaonkar** from M.Sc.-Ist Year received First Prize. Similarly **Ms Supriya Sahu** (M.Sc.-I) & **Ms Sapana Chavhan** (M.Sc.-II) stood second and third for this competition.

Dr. P.P. Deohate, Asst. Professor Dept. of Chemistry & Dr. S.R. Kohchale, Asst. Professor Dept. of Zoology were the Jury Member for this Competition. Principal Dr. V.D. Nanoty Sir & IQAC Co-ordinator Dr. Rahatgaonkar was the Chief Guest for this Programme.

### Seminars and Group Discussions

The seminars and group discussions of B.Sc.-II & III students were conducted in the months of September, October-2018 and February, March-2019 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. students on 21<sup>st</sup> January 2019. The student who stood first was given a text book in the form of gift. Total 60 students participated in 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 5<sup>th</sup> March 2019. **Ms. Rewati S. Wankhade** and **Ms. Mansi R. Heda** achieved the 1<sup>st</sup> and 2<sup>nd</sup> position respectively. Total 287 students participated in this test. Test was co-ordinated by Dr. Pradip P. Deohate.

### 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 2018-19 are as highlighted below.

- **Dr. Pradip P. Deohate** published 6 research papers in national and international journals. He has participated in 1 conference, 3 seminars cum workshops and presented 1 research paper. Under his guidance 1 student has awarded with Ph.D. degree and 1 student is doing the Ph.D. research work. He has guided 3 students for research project and 2 students for Avishkar. He has received the state level "Ideal Teacher Award" from Congress Teachers Cell, Akola for academic excellence and research contribution. He is working as the chief editor of "AUCTA Newsletter" and editor of science magazine "infoSCIENCE". His 2 educational articles were published in the newspapers Sakal and Matrubhumi. He has delivered a guest lecture on "Stereochemistry" at Arts, Commerce and Science College, Arvi (Wardha).
- **Dr. Poonam T. Agrawal** has been recognized as a Ph.D. Supervisor of S.G.B. Amravati University, Amravati, and Amravati. She has published 3 research papers in international journal. She has participated in 2 conferences, 1 workshop and presented 3 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.
- **Dr. Pravin R. Kawle** has been recognized as a Ph.D. Supervisor of S.G.B. Amravati University, Amravati. He published 1 research paper international journals. He participated in 2 conferences, 2 workshop and presented 2 research papers. He guided 3 students for research project and

one student for Avishkar.

- **Dr. Kavita M. Heda** published 3 research papers in national and international journals. She participated in 2 conferences, 2 workshops and presented 2 research papers. She guided 3 students for research project. She worked as a jury member for various academic and scientific programmes.
- **Dr. Ashish G. Sarap** published 1 research papers in international journal. He has participated in 2 conferences, 1 workshop and presented 2 research papers. He guided 3 students for research project. He delivered a guest lecture at Sangdudkar Mahavidyalaya, Daryapur. He has guided 3 students for research project.
- **Mr. Vinod D. Deotale** published 2 research papers in international journal. He participated in 2 conferences, 1 workshop and presented 2 research papers. He delivered a talk on Late Dr. A.P.J Abdul Kalam on Wachan Prerana Din and also delivered guest lecture in NSS camp of Shri R.L.T. College of Science, Akola and Khandelwal College, Akola. He has guided 3 students for research project.
- **Mr. Sankesh C. Zyate** published 1 research paper in international journal Presented 1 research paper in conference. He has started the NET/SET Coaching class for the M.Sc. Students of our department. He has guided 4 students for research project.
- Research student **Ms. Ketki D. Bansod** has been awarded with Ph.D. degree by S.G.B. Amravati University, Amravati and **Ms. Kalpana A. Palaspagar** is working for Ph.D. degree under the guidance of Dr. P.P. Deohate. They have also published research papers in national and international journals, attended the conferences and presented research papers.

Students are at the centre of all endeavors in department of chemistry. During the session 2018-19, additions to the students' achievements are as follows.

- **Ms. Vasundhara Dutonde** (B.Sc.-III) participated in district, university and state level research festival "Avishkar" and achieved the colour coat of S.G.B. Amravati University, Amravati. She was guided by Dr. P.P. Deohate.
- **Ms. Aishwarya Banait** (M.Sc.-II) achieved 2<sup>nd</sup> prize in university level intercollegiate seminar competition organized by AUCTA.
- **Ms. Shraddha Akhare** (M.Sc.-II) achieved 1<sup>st</sup> prize in university level intercollegiate poster competition organized by AUCTA.
- **Ms. Megha Rajpal** (B.Sc.-III) achieved 1<sup>st</sup> prize in university level intercollegiate seminar competition organized by AUCTA.
- **Ms. Aarti More** and **Ms. Anuradha Mahajan** (B.Sc.-I) participated in university level intercollegiate chemistry-quiz competition.

**Dr. Poonam T. Agrawal**  
Head, Department of Chemistry  
In-charge, P.G. Department of Chemistry

## DEPARTMENT OF COMPUTER SCIENCE & IT

### REPORT

Department of Computer Science established on 1<sup>st</sup> 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 & Educational tour as per the curriculum.

Department of Computer Science & IT arranged Three Guest lectures in the session 2018-19, on current trends in Computer Science and IT sectors also guided on opportunities and different fields are available after graduation.

- Prof. R.D. Bhoyar from Post Graduate Department of Computer Science, S.G.B A.U. Amravati, delivered lecture on future scope of computer science for students career on 05 Dec. 2018.
- Prof. Prof. S.M. Kharbade from P.N. College Pusad, shared their experiences with students and current demand of IT sector on dated 14 Dec. 2018.
- Prof. L.R. Muley from J.M.V. Achalpur, interacted with students and given some tips from student to improve their programming skill on dated 15 Dec. 2018

As a innovative practice of the department has been design and updated and modified a Digital Blog in Oct.18 for displaying important information in softcopy or digitally. Name of the departmental blog is : "[rlt-csit.blogspot.com](http://rlt-csit.blogspot.com)"

Department of Computer Science has been renovate in the month of Jan. / Feb. 2019 with modernized CAT-6 LAN cables and also Fiber Optics high speed Internet implemented.

Department of Computer Science & IT arranged one day Educational Tour for B.Sc. III year 49 students visited **IT Park** at Khamgaon and UNESCO World Heritage Site **Ajanta caves** on dated 02 March 2019.

In EUREKA 2018-19 one day workshop which jointly organized by our college and Akola district Science Forum for school students, in students LAB visit session we have presented the computer & Networking related knowledge to school going students on dated 13 March 2019.

Assistant Professor Mr. R.B. Ghayalkar completed his SWAYAM online refresher course in Bio Medical Image Processing and he has also presented research paper on "An Emerging Field IOT: Review" in the National Conference An Emerging Trends in Science, at Vidya Bharati Mahavidyalaya, Amravati.

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

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### Department / College MoU :

Department has taken effort and initiative to established Department and College Level **Memorandum of Understanding (MoU)** with three IT Companies :

- "MICROSPECTRA SOFTWARE TECHNOLOGIES PVT. LTD"
- SPECTRAMIND WEB HOSTING SOLUTION PVT. LTD
- "VIBRANTMIND DIGITAL MARKETING SOLUTION PVT. LTD "

### Objective of MOU :

To facilitate the transfer of knowledge and skills through hands on training and sharing of ideas through out of box thinking so as to overcome challenges faced in IT industries.

1. To provide Certification to the students.
2. To provide industrial training to students and staff.
3. To provide Internship to the students.
4. To provide mentoring to final year students to prepare them for technical interview.
5. To provide industrial expertise for students to get awareness in core industrial activity.
6. To provide industrial visit to familiar with IT Industry environment.
7. To provide Training & Campus drive.

The Memorandum of Understanding is valid for a period of 5 years with effect from the date of signing of the agreement i.e. **from 09/04/2019 to 09/04/2024.**

**Prof. R.G. Chavan / Prof. R.B. Ghayalkar**  
Head / Incharge  
Department of Computer Science & IT

## DEPARTMENT OF ELECTRONICS

### REPORT

Department of Electronics is one of the creative departments of Shri R.L.T. College of Science, Akola. Knowledge of Electronics Science and its fundamentals broaden the outlook of the students and helps in improvement of their overall performance and use in day to day life.

Staff members in the department include Shri R.G. Chavan, Associate Professor and Head, Shri R.D. Chaudhari, Assistant Professor, Shri M.M. Kulkarni (CHB), Shri N.O. Chimankar (CHB), Shri J.S. Tated, Miss. M.O. Tijare, Miss D.D. Mehare, and Non Teaching Staff Mr. G.B. Giri (Lab Assistant), & Mr. S.G. Babulkar.

#### Departmental Activities and Student Achievements :

- Conduction of seminar for B.Sc.II and B.Sc.III students using LCD projector and PPT.
- Experimental kits, Power supplies, of B.Sc.II are assembled and successfully built by B.Sc.III Sem-VI students as a part of their project work. (The approximate cost is Rs. *Thirty six thousand.*)
- **Mr. Yash Vidyasagar** of B.Sc.III participated in university level research festival-avishkar.
- **Mr. Yash Vidyasagar** of B.Sc.III participated in poster competition held at Vidyabharati college Amravati in national conference held on 1<sup>st</sup> & 2<sup>nd</sup> february 2019 and received **1<sup>st</sup> prize**. The title of his poster was "**Microcontroller Based Techeye System for Obstacle Detection & Ranging To Assist Blind Person**"
- B.Sc.III students successfully participated in educational tour at I.T. Park Khamgaon.

#### Staff Achievements :

- Shri R.G. Chavan was appointed as member of subject examination committee for winter 2018 and summer 2019 examination by S.G.B. Amravati University, Amravati.
- Shri R.G. Chavan & **Mr. Yash D. Vidyasagar**, **Published research paper titled "Microcontroller Based Techeye System for Obstacle Detection & Ranging To Assist Blind Person"** in research journal '*RESEARCH JOURNEY*' International E- Research Journal, UGC Approved Journal, ISSN:,2348-7143, February-2019.
- Shri R.D. Chaudhari, & Shri Dattaraj Vidyasagar, **Published research paper titled "Arduino Uno Based Accident Avoiding System IN Mountainous Area ACROSS U-Turn"** in research journal '*RESEARCH JOURNEY*' International E-Research Journal, UGC Approved Journal, ISSN:,2348-7143, February-2019.
- Shri R.D. Chaudhari & Shri Dattaraj Vidyasagar presented research paper in national conference held on 1<sup>st</sup> & 2<sup>nd</sup> Feb. 2019 at Vidhya Bharati Mahavidyalaya, Amravati.
- Shri R.D. Chaudhari successfully participated in university level workshop "Train the trainer". He successfully completed forty hours Refresher course in Innovating & best practices in teaching & learning, Online "Swayam" organized by S.G.B. Amravati university, Amravati..

**Prof. R.G. Chavan**

Associate Professor and Head  
Department of Electronics

## DEPARTMENT OF LANGUAGES

### REPORT

The academic year 2018-19 has been a special one so far as the academic achievements are concerned. This year too the department tried to give its best. The Department of Languages is growing and Constantly renewing and improving its programs. Lectures are conducted on digital screen for effective learning experience and positive output. All lectures reading and assignments are in English, Marathi and Hindi. We take pride in our innovative programming and dedicated teaching and our aim is to enable students communicate better in Marathi, Hindi and English too. The Department houses total 7 teachers including one full-time faculty. While six are on clock- hour basis.

#### Summary of Our Achievements :

A.B. Khedkar published his poems in an international journal Langlit ISSSN 2349-5189, in the volume 5<sup>th</sup> and 3<sup>rd</sup> issue of Feb. 2019. He also worked as a judge among the panel at a district level youth parliament competition held in the college auditorium on 16<sup>th</sup> of January 2019.

**Cultural achievements (debate and elocution) :** Under the guidance of Mr. Arun khedkar, Mr. Mangesh Ubale, Mr. Vinod Deotale and Dr. Rajesh Chandravanshi students succeeded in many competitions. Many students brought laurel to the college by winning spectacular prizes in various debate and elocution competitions. Mahesh Janjal and kajal jawke won 3<sup>rd</sup> prize in Vidhardha -level debate comp. at Babuji Deshmukh Library, Rutvija Deshmukh grabbed 3<sup>rd</sup> prize prize in elocution. Vijaya Tekade won 2<sup>nd</sup> at district level prize as well as at Taluka level prize, whereas Mahesh Janjal won 3<sup>rd</sup> prize comprehensively. District-level Elocution completion was organized by Nehru Yuva Kendra, Akola. Ku Ketki Kshirsagar and Mahesh Janjal emerged victorious in Late Shri Natwarlal Chaudhari elocution competition organized by the BGE Society Akola. Vaibhavi Tople ranked first and Vijaya Tekade third in the Youth parliament district level screening test.

#### Creative - writing competition :

Like previous year this year too Creative writing competition was organized to set a platform for emerging future writers, poets etc. and to encourage and develop writing skills among students. Which will help them to earn their living by selecting writing as a best career. The competition was jointly organized by the Department of Languages & The Library. The competition was a tremendous success, total 70 students participated in various categories; article writing, poetry writing, drawing and story writing. So top 3 three students from each category were felicitated for their excellent performance.

Mr. Mangesh Ubale (The Librarian) and Mr. Arun B. Khedkar (Assistant Professor) worked as Co-ordinator for this competition. Dr Pradip Deohate and Dr. Archana Sawarkar judged the competition. Top 12 contestants were felicitated with a certificate and a book at the hands of the principal. All the participants too were given a certificate for their enthusiastic participation.

**Prof. Arun 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 new books as every year is introduced this year too. Magazines, Journals, Periodicals, reference books, DVD's, CD's, and News papers various types of competitive exam related books along with it '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 & MHRD. 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 has 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 "Vaachan Prerna Diwas" was celebrated on 14th October 2018. 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. "14 Tas Abhyas Vikasayacha Dhyas" is a 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. Students of college gathered in Auditorium hall and studied continuously from 5.00 a.m to 7.00 p.m. This shows the devotion in any discipline to achieve a goal. As a part of 'World Book Day' celebrated on 23rd April. We organised 'Books Exhibition'. In books exhibition various types of books of competitive examination, MPSC, UPSC, G.K are displayed for reading purpose. Students of the collage were present on this occasion. 'Best Reader' award is also awarded every year. We displayed great thoughts by great thinkers every day. 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.

**Mr. Mangesh 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 activity 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 2018-19 are highlighted as below.

In the session 2018-19 the college reopened on 14.06.2018. All the teachers and staff joined at 11.00 am in the morning and started their respective works.

- Departmental staff :
  - (i) 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 14.06.2018
- 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	214	2
2	B.Sc.II	185	2
3	B.Sc.III	153	1
4	M.Sc.I	96	1
5	M.Sc.II	87	1
	Total	735	7

- Number of C.H.B. teachers : 10 (4 for P.G. and 6 for U.G.)
- Academic activities like Seminars, Project Assignment and Group discussions were conducted for B.Sc. I, II & III, M.Sc. I & II students in the month of September and October 2018 and February & March 2019.
- A Regional Mathematics Olympiad examination is conducted by the department every year for the students of 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> standard of the Amravati region.  
This year the exam was conducted on 7<sup>th</sup> October 2018.

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

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- Mathematics Teachers Association (MTA), Department of Mathematics of S.G.B.A.U. Amravati and Department of Mathematics, Shri R.L.T. College of Science, Akola jointly organized University Level Seminar Competition for P.G. Students on the topic “**TOPOLOGY**” at department of Mathematics, Shri R.L.T. College of Science, Akola on Tuesday 12<sup>th</sup> of March 2019.

The President for this function was Dr. R.B. Heda, President of Berar General Education Society, Akola. The Inaugurator for this seminar competition was Prof.V.T.Hajare, Executive member of BGE Society. Chief Guest was Shri W.G. Naikwade, Ex officiating Principal Shri R.L.T. College of Science, Akola. Guest of honors for this function were former faculties of the mathematics department of Shri R.L.T. college of science Prof. V.L. Ruiwale, H.O.D. Dr. S.M. Padhye and H.O.D. Dr. S.W. Bhaware. Also the dais was graced with the presence of dignitaries like Executive members of BGE Society Prof. Shrikrushna Amravatkar, Eng. Abhijeet Paranjape, Shri. Pawan Maheshwari, Shri. Shardul Digambar, Chief Organizer and Head, Department of Mathematics S.G.B.A.U. Amravati Dr. S.D. Katore, Principal of Shri R.L.T. College of Science, Akola Dr. V.D. Nanoty, Secretary of MTA and Head, department of Mathematics of Aadarsh Mahavidyalaya Dhamangaon Dr. S.N. Bayaskar, Head, department of Mathematics of Dr. R.G. Rathod Mahavidyalaya Murtizapur Dr. A.S. Nimkar, NAAC Coordinator of Shri R.L.T. College of Science Dr. R.L. Rahatgaonkar, Convenor and Head, department of Mathematics of Shri R.L.T. College of Science Ms. S.B. Tadam and College Development Committee member Shri D.J. Wankhade.

Dr. S.D. Katore (Chief Organizer) delivered introductory speech. Ms. S.B. Tadam (Convenor) briefed about the complete events of the day. Principal Dr. V.D. Nanoty formally welcomed all the dignitaries on the dais, guests, participants and teachers of various colleges. The inaugural speech was delivered by Prof. V.T. Hazare.

After this, release of the booklet under the title “**HIGHLIGHTS OF MATHEMATICIAN**” was done at the hands of the dignitaries on the dais.

Followed by this to pay the homage to our mathematics teachers the felicitation and honoring of the Ex Principal Late Shri M.G. Joshi sir, Late Shri N. V. Bhat, Late Shri A.V. Digambar, and Late Shri R.S. Suley was done. To pay the token of respect gratitude Ex professors Dr. S.M. Padhye, Dr. S.W. Bhaware & Prof. V.L. Ruiwale was felicitated by offering shawl, shrifal and memento. The MTA of S.G.B.A.U. honored Prof. W.G. Naikwade by **Life Time Achievement award** by the hands of Dr. R.B. Heda with Shawl, Shrifal and Sanman Patra. Dr. Samadhan Munde delivered vote of thanks.

Total 33 participants from 13 colleges of S.G.B.A.U. delivered seminar. The consolation prizes were won by **Ms. Vaishnavi Bisne**, Aadarsh College Dhamangaon and **Mr. Jamshed Jalil**, Shri Shivaji Arts, Commerce and Science, College Akola. Third prize was given to **Mr. Kailas**

Rindhe, Department of Mathematics, S.G.B.A.U. Amravati. Second prize was won by **Ms. Megha Waghode**, Shri R.L.T. College of Science, Akola. **Ms. Vaishnavi Magarde** from Vidya Bharti College, Amravati won the first prize.

- The Mathematical Sciences are known as the most exact sciences and some of its century old theories are use to this date. For this reason we would like to go over some of the greatest contribution and achievement in the history of Mathematics from ancient to modern mathematicians. Mathematicians Contribution and achievement in the field of mathematics inspire the students. In the same context department organised the **Poster Gallery of different Mathematicians** entitled "**HIGHLIGHTS OF MATHEMATICIAN**". Ten groups of each M.Sc.I and II students were formed. Each group was allotted one separate Mathematician. The corresponding group collect the information of respective mathematician and then present it in the form of posters.

This poster gallery exhibition was organised on 12<sup>th</sup> March 2019. The exhibition was inaugurated at the hands of Dr. R.B. Heda, President of Berar General Education Society, Akola, Prof. V.T. Hajare, Executive member of BGE Society, Dr. S.D. Katore, H.O.D. department of Mathematics S.G.B.A.U. Amravati in presence of Principal Dr. V.D. Nanoty, former faculty members of the department Prof. W.G. Naikwade, Dr. S.M. Padhye, Dr. S.W. Bhaware & Prof. V.L. Ruiwale. All the dignitaries, teachers and students visited the exhibition. When students collect the information about mathematician they highly impressed, get motivated by this mathematicians and hence they became more interested in mathematics. Thus the purpose of taking poster Exhibition was achieved here.

- Two students of B.Sc. II namely Ku. Aarti D. Katore & Ku. Samruddhi S. Mulay were participated in University Level Seminar Competition for U.G. students at Dr. R.G. Rathod Arts and Science College, Murtizapur on 19<sup>th</sup> January 2019.
- Five students of M.Sc. namely Mr. Eknath M. Dolse, Mr. Sohail Ali Riyaz Ali, Mr. Ankush S. Palaspagar, Mr. Pradip R. Thombare and Mr. Vivek R. Jadhao along with one teacher Ms. S.B. Tadam participated in National Workshop on Number Theory at Dr. R.G. Rathod Arts and Science College, Murtizapur on 19<sup>th</sup> January 2019.
- Dr. S.L. Munde participated in Two Day State Level Workshop on "Soft Skills Training for Mathematical Sciences (Mathematical Practices Using ICT & Computational Tools) at S.G.B.A.U. Amravati during March 15-16 2019.
- Five students of M.Sc. namely Mr. K.V. Naralkar, Mr. V.R. Jadhao, Mr. E.M. Dolse, Mr. A.S. Palaspagar and Mr. P.R. Thombare were participated in State Level Workshop on "Advanced Abstract Algebra" held at S.G.B.A.U. Amravati during March 16-17, 2019.

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

- During the session 2018-19 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.	Worked as a Convenor for University Level Seminar Competition for P.G. Students organised by Department of Mathematics, Mathematics Teachers Association (MTA) of S.G.B.A.U. Amravati and department of Mathematics, Shri R.L.T. College of Science, Akola on the topic " <b>TOPOLOGY</b> " on Tuesday 12 <sup>th</sup> of March 2019.
2.	Dr. Samadhan L. Munde	Assistant Prof.	Worked as a Resource person in Refresher Course in Disaster Management (ID) (for all subjects) on 14.12.18 organised by UGC-Human Resource Development Centre, S.G.B.A.U. Amravati.
3.	Dr. Satish B. Khobragade	Research Scholar & C.H.B. Teacher	Awarded with Ph.D. Degree in the subject Mathematics under the guidance of Former HOD Dr. S.M. Padhye. Title of the thesis is " <b>Study Of Cantor, Cantor Like Sets, Their Dimensions And Their Applications</b> ".
4.	Mr. Dhananjay R. Sakhare	PG Student	Qualified the State Eligibility Test (SET) held on 28 <sup>th</sup> January 2018 in the subject Mathematical Sciences.
5.	Ku. Kanchan D. Panjawani	PG Student (2017-18)	10 <sup>th</sup> Merit in M.Sc. Mathematics S.G.B. A.U. Amravati
6.	Ku. Ishwari D. Virulkar	PG Student (2017-18)	10 <sup>th</sup> Merit in M.Sc. Mathematics S.G.B. A.U. Amravati

- **A Report on University Level Seminar Competition for P.G. Students**

Aiming to improve communication skills, gaining expert knowledge, networking with all the students of University and renewing motivation and confidence, department of Mathematics, Mathematics Teachers Association (MTA) of S.G.B.A.U. Amravati and department of Mathematics, Shri R.L.T. College of Science, Akola jointly organized University Level Seminar Competition for P.G. Students on the topic "**TOPOLOGY**" at department of Mathematics, Shri R.L.T. College of Science, Akola on Tuesday 12<sup>th</sup> of March 2019.

The day began with the registration of guests, participants and teachers of various colleges of S.G.B.A.U. Amravati followed by break-fast. The Inauguration Function started with the arrival of guests at 10.30 pm. The President for this function was Dr. R.B. Heda, President of Berar General Education Society, Akola. The Inaugurator for this seminar competition was Prof. V.T. Hajare, Executive member of BGE Society. Chief Guest was Shri W.G. Naikwade, Ex officiating Principal Shri R.L.T. College of Science, Akola. Guest of honors for this function were former faculty of the mathematics department of Shri R.L.T. College of Science Prof. V.L. Ruiwale, H.O.D. Dr. S.M. Padhye and H.O.D. Dr. S.W.

Bhaware. Also the dais was graced with the presence of dignitaries like Executive members of BGE Society Prof. Shrikrushna Amravatkar, Eng. Abhijeet Paranjape, Shri Pawan Maheshwari, Shri Shardul Digambar, Chief Organizer and Head, department of Mathematics S.G.B.A.U. Amravati Dr. S.D. Katore, Principal of Shri R.L.T. College of Science, Akola Dr. V.D. Nanoty, Secretary of MTA and Head, department of Mathematics of Aadarsh Mahavidyalaya Dhamangaon Dr. S.N. Bayaskar, Head, department of Mathematics of Dr. R.G. Rathod Mahavidyalaya Murtizapur Dr. A.S. Nimkar, NAAC Coordinator of Shri R.L.T. College of Science Dr. R.L. Rahatgaonkar, Convenor and Head, department of Mathematics of Shri R.L.T. college of science Ms. S.B. Tadam and College Development Committee member Shri D.J. Wankhade. The function began with lamp lighting and garlanding to lord Saraswati, Sant Gadge Baba and Great Mathematician Shrinivasa Ramanujan by a group of dignitaries on the dais. The program was followed by University Song. All the dignitaries on the dais were welcomed with a sapling.

Dr. S.D. Katore (Chief Organizer) gave an introductory speech. He mentioned about the significance of University Level Seminar Competition and its aims about bringing together a group of students from all over university with a significant participation. As an alumna of this college, he reminisces of the memories of Principal Late Shri M. G. Joshi. Also he said that "**Mathematics is very easy subject when we understand it**". Ms. S. B. Tadam (Convenor) briefed about the complete event of the day. She mentioned that Department of mathematics of this college is the oldest granted department of this university.

Principal Dr. V.D. Nanoty formally welcomed all the dignitaries on the dais, guests, participants and teachers of various colleges. He said that **Prof. Naikwade is the teacher who maintaining aliveness in his teaching.**

The inaugural speech was delivered by Prof. V.T. Hazare. He described the importance of mathematics in real life. He wished for the success of the seminar competition and gave best wishes to all the participants. Also he declared the commencement of the seminar competition.

After this, release of the booklet under the title "**HIGHLIGHTS OF MATHEMATICIAN**" was done at the hands of the dignitaries on the dais. This booklet highlights the Mathematician and their contribution in Mathematics.

Followed by this, the felicitation and honoring of all former Mathematics teachers of this college was done. To pay the homage to our mathematics teachers the felicitation and honoring of the Ex Principal Late Shri M.G. Joshi sir, Late Shri N. V. Bhat, Late Shri A.V. Digambar, and Late Shri R.S. Suley was done. To pay the token of respect gratitude Ex professors Dr. S. M. Padhye, Dr. S. W. Bhaware & Prof. V.L. Ruiwale was felicitated by offering shaal, shrifal and memento. The MTA of S.G.B.A.U. honored Prof. W.G.Naikwade by **Life Time Achievement award** by the hands of Dr. R.B.Heda with shaal, shrifal and sanman patra. The words of homage was given by Ms. S. B.Tadam. Responding to the felicitation, Prof. W.G. Naikwade said a few words. He urged the students to focus more on writing and learning mathematics by practicing.

The presidential speech was delivered by Dr. R.B. Heda. In his speech he took the opportunity to guide the audience with the bright history of the institution and how has its rightful place in the society

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

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by serving at different levels. He also encouraged the students to work hard and succeed.

Dr. Samadhan Munde delivered a vote of thanks to all the dignitaries on the dais and of the dais. He thanked all the invited guests, teachers and participants for gracing the occasion by their solemn presence. The inauguration function was conducted by Ms. Asma Fatima and Mrs. Suchita A. Mohta.

After the inaugural function, the guests were taken for the inauguration of the poster Gallery of different Mathematician. All the P.G. students of the department of Mathematics of Shri R.L.T. College of Science, Akola collectively prepared posters of Mathematicians showing their contribution in mathematics.

After this the seminars began in digital rooms 1,2,3 & 4 along with a class room number 16 for those participant who needed green board for presentation. Total 33 participants from 13 colleges of S.G.B.A.U. delivered seminar in the first round. The first round took place between 12:30 pm to 2:00 pm after which there was a lunch break till 3:00 pm. All the students, participants, teachers and delegates enjoyed delicious lunch.

The second and final round began sharply at 3:15 pm in the auditorium hall in which ten participants from different rooms were selected. Dr. Nimkar and Dr. Bayaskar were worked as a judge for this round.

The valedictory function was presided by honorable Principal Dr. V.D. Nanoty. The dais was graced by Prof. V.L. Ruiwale, Dr. S.M. Padhye and Dr. S.W. Bhaware, Dr. S.D. Katore, Dr. S. N. Bayaskar, Dr. A.S. Nimkar and Ms. S.B.Tadam. Sum up of the day's activities was given by Ms.S.B. Tadam. Participants gave the good feedback for the days program. They were highly impressed by well managed nicely planned event of seminar competition. Also they were satisfied about the discussion on the topic Topology among the students and teachers of various colleges of the university. In the feedback, jury member Dr. S. N. Bayaskar briefed on the participants performance, subject knowledge, and confidence. Later on the prizes were announced.

The consolation prize was won by **Ms. Vaishnavi Bisne**, Aadarsh College Dhamangaon and **Mr. Jamshed Jalil**, Shri Shivaji Arts, Commerce and Science, College Akola. Third prize was given to **Mr. Kailas Rindhe**, department of Mathematics S.G.B.A.U. Amravati. Second prize was won by **Ms. Megha Waghode**, Shri R.L.T. College of Science, Akola. **Ms. Vaishnavi Magarde** from Vidya Bharti College, Amravati won the first prize.

The program concluded by vote of thanks by Ms. S.B.Tadam. She thanked all the invited guests, teachers and participants for gracing the occasion by their solemn presence. Also she thanked to BGE Society Akola, NCTC, DST, Govt. of India, RGSTC, Govt. of Maharashtra and Sant Gadge Baba Amravati University, Amravati and NMD-2018 for providing all kinds of facilities to conduct this seminar competition in Shri R.L.T. College of Science, Akola. Under the guidance of Principal Dr. V. D. Nanoty all the teaching and non-teaching staff of the college were worked hard to make this event successful.

**Dr. Sujata B. Tadam**  
Head  
Department of Mathematics

## DEPARTMENT OF MICROBIOLOGY

### REPORT

Department of Microbiology, Shri R.L.T. College of Science, Akola delivers excellent education through dedicated collaborated efforts towards achieving recognition and honor at varied levels. We strive for providing advanced academic environment, innovative techniques and creating value based globally competitive expertise through well directed honest efforts.

As every year, this year too there has been enormous strength of students willing to be admitted to department. The department has strength of 365 students at UG level, 45 students at PG level. As a part of curriculum all theory and practical classes were started in mid of July 2018. The Department also runs the Career Oriented Program (CCLT, DCLT & ADCLT) to which total 142 students are admitted this year.

The department inspires students for hard work and sincerity by all possible means. The students are encouraged for good work in different fields and duly awarded for their bright accomplishment. The brilliant results and splendid achievements of every year signify the ultimate goal of the department towards the world of education and society.

The department creates the right environment to nurture their exceptional talents.

- Dr. V. D. Nanoty (Principal, Shri. R.L.T. College of Science) is Ph.D. supervisor in field of Microbiology and Biochemistry.
- Dr. V.D. Nanoty worked as Resource person and delivered invited talk in One Day National Conference in New Methodology of NAAC assessment to nurture Quality enhancement in higher educational institution at Smt. LRT College of Commerce, Akola on date 29<sup>th</sup> Sept. 2018.
- Dr. V.D. Nanoty worked as Resource person and delivered invited talk in Prerna, State level Leadership Development program SGB Amravati University, Amravati on date 23-27 Sept. 2019.
- Dr. V.D. Nanoty worked as Resource person in State Level seminar on Frontiers in Microbiology and Annual Microbiology's Meet 2018 at HPT Arts and RYK Science College, Nashik. On date 20-21 Oct. 2018.
- Dr. V.D. Nanoty presented a paper in National conference on Recent trends in Life Sciences for Sustainable development at SGB Amravati University, Amravati on date 22-23 Jan. 2019.
- Dr. Umesh Bhalekar presented a paper in National symposium on Bio waste as Bio resource at Shankarlal Khandelwal College, Akola held on 23rd Feb. 2019.
- Dr. Umesh Bhalekar presented a paper in National conference on Recent trends in Life Sciences for Sustainable development at SGB Amravati University, Amravati on date 22-23 Jan. 2019.

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

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- Dr. Umesh K. Bhalekar (Head, Department of Microbiology) is recognized Ph.D. Guide for the research field of Microbiology and Biochemistry.
- The faculty & researchers of the department are actively involved in Paper publications and Paper presentations and keeps on attending various National and International conferences.
- Dr. Harish Malpani actively participated in One Day National Conference on New Methodology of NAAC assessment to Nurture Quality enhancement in Higher educational Institution held at Smt. LRT College of Commerce, Akola on 29 Sept. 2018
- Dr. Harish Malpani attended a webinar on Trends in Genetic modification organized by Badrinarayan Barwale Mahavidyalaya on 9<sup>th</sup> Feb. 2019.
- Dr. Harish Malpani actively participated in One day state level symposium on Research supervisor under new guideline: duties & Role held at Govt. Vidarbha Institute of Science and humanities. Amravati on 5<sup>th</sup> April 2019.
- Dr. Harish Malpani attended One day National workshop Level seminar cum Workshop on Soap and Perfume making organized by department of chemistry, Shri. R.L.T. College of science, Akola on date 9<sup>th</sup> Sept. 2018.
- Dr. Harish Malpani presented paper in 106<sup>th</sup> Indian Science Congress at Lovely Professional University, Phagwara, Punjab on date 3-7 January 2019.
- Dr. Harish Malpani presented paper in National symposium on Bio waste as Bio resource at Shankarlal khandelwal college, Akola held on 23rd Feb. 2019.
- Dr. Harish Malpani published a paper entitled with a study of solid waste management in Infoscience Vol.1 Issue 1.
- Dr. Harish Malpani published a paper entitled with Microbiological study of waste disposal and its efficient management Sp Issue 110(E) Feb. 2019.
- Dr. Harish Malpani work as organizing secretary for State level seminar and Teachers Workshop on teaching constraints in microbiology and allied sciences held at 28<sup>th</sup> Feb 2019 at Shri. R.L.T. College of Science, Akola.
- Dr. Harish Malpani successfully completed induction program (University and P.G. College M.Sc. Teachers Training Program in Biology/ Life Science Equivalent to Refresher Course) held at Centre of Excellence in science and Mathematics education. **Indian Institute of Sciences**, Challakere Campus at Kudapura Chitradurga (Karnataka) with "A" grade on date 7-27<sup>th</sup> June 2019.
- Ms. Sonali Gawande attended International conference on Microbiome Research NCCS, Pune on date 19-22 Nov. 2018.
- Ms. Sonali Gawande attended One day National workshop Level seminar cum Workshop on Soap



### Achievements

Name of Faculty / Student	Designation	Achievements
Dr. V. D. Nanoty	Principal	Appointed as Member of Board of Studies, Biochemistry inclusive of Microbiology at SGBAU, Amravati
		Appointed as Member of NSS advisory committee of SGBAU, Amravati.
		Appointed as Coordinator of Microbiologist Society India of Amravati Chapter.
		Ms. Purnima Chitlange awarded with Ph.D. on date 29/9/2018
Dr. U.K. Bhalekar	Head, Associate Professor	Appointed as Member of Board Of Studies, Biochemistry inclusive of Microbiology at SGBAU, Amravati
		Delivered an invited talk in NSS Camp at Apatapa on date 18/12/2018
Dr. H. S. Malpani	Assistant Professor	Appointed as College Coordinator of Microbiologist Society India.
		Completed 21 day PG teacher's Training Program in Biology at Indian Institute of Sciences, Bangalore Kudapura Campus with A Grade.
		Delivered an invited lecture in NSS camp at Apatapa on 'AIDS Awareness' on date 18/12/2018.
		Successfully submitted 16s rRNA sequences of two novel bacteria at National Centre for Biotechnology Information (NCBI) USA.
Ms. S.N. Gawande	Assistant Professor	Worked as Women Team Manager (Shri R.L.T. College of Science) in Youth Festival SGB Amravati University, Amravati on date 27/9/2018
Ms. Pallavi Sonone	B.Sc. II	Got 3 <sup>rd</sup> prize in poster presentation in State Level Competition on date 28 <sup>th</sup> Feb 2019
Ms. Apurva Shah	B.Sc. III	Awarded for being Best Student of Microbiology (U.G.) by Microbiologist Society India.
Ms. Mrunali Kashid	M.Sc. II	1 <sup>st</sup> Merit position in M.Sc. Microbiology exam. of SGB Amravati University, Amravati.

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

Ms. Shruti Joshi	M.Sc. II	4 <sup>th</sup> Merit position in M.Sc Microbiology exam. of SGB Amravati University, Amravati.
Ms. Shubangi Laghe	M.Sc. II	5 <sup>th</sup> Merit position in M. Sc Microbiology exam. of SGB Amravati University, Amravati.
Ms. Kanchan Mangtani	M.Sc. II	Selected for State Level Research Festival 'Avishkar' At Gondwana University, Gadchiroli.
		Awarded with Best Student of Microbiology (P.G.) by Microbiologist Society India.
Ms. Shrutika Chandak	M.Sc. II	Selected for State level Research Festival 'AVISHKAR' at SGBAU, Amravati
Ms. Krashna Laddha	M.Sc. II	Selected for State level Research Festival 'AVISHKAR' At SGBAU, Amravati
Ms. Roshani Kadam	M.Sc. I	Selected for State level Research Festival AVISHKAR' At SGBAU, Amravati
Ms. Sonali Bawane	M.Sc. II	Successfully submitted 16s rRNA sequences of two novel bacteria at National Centre for Biotechnology Information (NCBI) USA.
Ms. Ankita Lokhande	M.Sc. II	
Ms. Pranita Gawande	M.Sc. II	Joined National Institute of Virology, Pune.
Ms. Diksha Choube	M.Sc. II (2017)	Qualified CSIR – NET June 2018

### MICRANS

#### *(Microbiology Innovative Creations by Research Array for Nobel Scholars)*

MICRANS is a society formed by the collaboration of Department of Microbiology, Shri R.L.T College of Science, Akola and Microbiologist Society India. MICRANS aims to bring the academic knowledge of students on a social level. It encourages the students towards welfare of common people. MICRANS guides the students to assist the society about health prospective.

Following activities were organized and conducted successfully by the department of microbiology and biochemistry under MICRANS in association with microbiologist society India.

- **Inauguration of MICRANS Unit :** [29-08-2018] - MICRANS was inaugurated by Dr. A B. Ingle [S.K. Porwal College, Kampti], Dr. V.D. Nanoty [President, Microbiologist Society of India, Amravati Chapter] and all the members were felicitated Dr. U.K. Bhalekar, Dr. Harish Malpani, Ms. Sonali Gawande guided student in the event.

- **Eco-friendly Ganesha Idol preparation** : [06-09-2018] MICRANS and Department of Microbiology in collaboration with Department of Social Forestry & Nisarg Katta, Akola organized "One day workshop on Eco-friendly Ganesha Idol preparation." Total 110 candidates participated in the workshop.
- **Blood Grouping** : [24-12-2018] - Late principal M.G. Joshi Memorial Day was observed as Blood grouping day. Blood samples were collected by microbiology student under the guidance of expert's team. Total 121 blood grouping were done by the members of MICRANS.
- **Diabetic Camp** : [06/01/2019] The B.G.E. Society & Department of Microbiology, Shri. R.L.T. College of Science, Akola organized a diabetic camp for the welfare of society. Blood glucose was tested by using Digital Glucometer. Total 135 Beneficiary visited & checked Blood glucose level under the supervision of Dr. Nanasaheb Chaudhary (Life Member).
- **National Science day** : [28-02-2019]-Department of Microbiology in collaboration with MICRANS unit & IQAC of R.L.T. College of Science organized the National Science Day. On this occasion, a state level seminar on "My Health My Responsibilities" and teacher's workshop on "Teaching Constrains in Microbiology and Allied Sciences" were conducted. A poster competition for B.Sc.II year was organized on topic "My Health My Responsibilities". Dr. Arvind Deshmukh and Dr. Shiva Aithal addressed the event. Around 325 participants benefitted from the event.

**Dr. Umesh K. Bhalekar**  
Head, Department of Microbiology  
In-charge, P.G. Dept. 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 given as follows.

Sr. No.	Name of Students	Class	Event
1	Yadav Ajay R.	B.Sc.I	Volleyball
2	Duryodhan Sanket V.		Volleyball & Football
3	Janorkar Aditya R.		Volleyball
4	Nimbalkar Vaishnavi M.		Wrestling & Judo
5	Gayki Arti R.		Wrestling
6	Choudhari Bhagyshri		Wrestling & Judo
7	Jain Akash B.		Kabaddi
8	Tewale Vaibhav S.		Kabaddi
9	Rathod Sumit S.		Kabaddi
10	Dhore Yadnesh S.		Football
11	Kate Pratik K.		Football
12	Gawai Bhushan V.		Football
13	Parbhanikar Ram S.		Football
14	Sarap Pawan A.		Athletics
15	Kokane Gopal R.		Athletics
16	Bhate Rucha A.		Badminton
17	Murtadkar Swapnil S.		Badminton
18	Tiwari Kshitij A.		Boxing
19	Wawge Mrunali G.		Kabaddi
20	Sangunwedhe Kalyani P.		Handball
21	Sayre Abhijit P.		Taekwondo
22	Waghamare Prashant V.		Lawn Tennis
23	Tiwari Hrushikesh B.		Handball
24	Wankhade Shubham P.	B.Sc.II	Volleyball
25	Sawale Ankit R.		Volleyball & Football
26	Sule Rohit R.		Volleyball

श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

27	Mehare Akash R.	B.Sc.II	Volleyball & Kabaddi	
28	Tale Shivshankar J.		Volleyball & Kabaddi	
29	Matarmare Shubham G.		Wrestling & Judo	
30	Ghonge Sadanand P.		Wrestling & Judo	
31	Telgote Dipankar R.		Wrestling & Judo	
32	Harimkar Neha S.		Wrestling & Judo	
33	Sunariwal Himanshu K.		Kabaddi	
34	Talokar Rushikesh S.		Volleyball & Kabaddi	
35	Gawande Mahesh G.		Kabaddi	
36	Dhore Rushikesh P		Kabaddi	
37	Neware Rushikesh M.		Football	
38	Thakur Shantanu D.		Football	
39	Dinode Vrushabh M.		Football	
40	Dahibhate Shyam S.		Athletics	
41	Lokhande Abhishek J.		Athletics	
42	Kalamb Mangesh M.		Chess & Athletics	
43	Pawar Anjali V.		Badminton	
44	Sanghai Damini D.		Badminton	
45	Darmode Pawan D.		Badminton	
46	Dange Rohit G.		Badminton	
47	Pujara Harsh C.		Badminton	
48	Mulay Samruddhi S.		Judo	
49	Nilkhan Nikhil S.		Chess	
50	Ingle Sheryas S.		Chess	
51	Kalbande Pradip J.		Chess	
52	Awachr Manisha M.		Archery	
53	Khurania Balraj B.		Boxing	
54	Pote Ruchiket A.		Boxing & Power Lifting	
55	Dofe Pratik G.		Taekwondo	
56	Mahalle Nana D.		Basketball	
57	Lunge Pratiksha D.		Table Tennis	
58	Sarap Ravina R.		Table Tennis	
59	Khawane Swaraj R.		B.Sc.III	Volleyball
60	Gite Tushar H.			Wrestling & Judo

श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

61	Kalalkar Priya S.	B.Sc.III	Wrestling & Judo
62	Raut Godavari M.		Wrestling
63	Jadhav Shivani M.		Wrestling
64	Khendkar Akash B.		Kabaddi
65	Murtadkar Shyam S.		Kabaddi & Judo
66	Neware Ankit G.		Football
67	Waghmare Suraj S.		Football
68	Ingole Saurabh S.		Football
69	Sabale Krishna M.		Football
70	Pawar Rohini V.		Athletics
71	Damodar Sachin B.		Badminton
72	Vidyasagar Yash D.		Badminton
73	Varma Ghanshyam D.		Table Tennis
74	Akot Gaurav R.		Table Tennis
75	Bais Harshal A.		Table Tennis
76	Shelke Akshay S.		Chess
77	Karale Vaibhav K		Weight & Power Lifting
78	Vishwakarma Ritu R.		Handball
79	Tayde Ankita P.	M.Sc.I	Badminton
80	Gawai Karika D.	(Maths)	Judo
81	Gawande Sagar P.	M.Sc.II	Volleyball & Athletics
		(Maths)	

**Achievements of Students**

Sr. No.	Name	Class	Achievements
1	Ms. Mrunali Wawge	B.Sc.I	<p><b>Colour in Kabaddi</b> Participated in West Zone Inter University Tournament held at Swami Ramanand Teerth Marathwada University, Nanded (Dayanand Arts College, Latur) from 10.11.2018 to 14.11.2018.</p> <p>22<sup>nd</sup> Maharashtra State Inter University Sports Festival 2018 held at University of Mumbai from 12/02/2019 to 18/02/2019.</p>

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

2	Ms. Kalyani Sangunwedhe	B.Sc.I	<b>Colour Coat in Handball</b> Participated in West Zone Inter University Tournament held at Savitribai Phule Pune University, Pune from 29.10.2018 to 01.11.2018
3	Mr. Kshitij Tiwari	B.Sc.I	<b>Colour Coat in Boxing</b> Participated in All India Inter University Tournament held at Janardan Rai Nagar Rajasthan Vidyapeeth, Udaipur (Raj.) from 23.02.2019 to 28.02.2019.
4	Ms. Bhagyshree Choudhari	B.Sc.I	<b>Colour Coat in Wrestling (62 Kg. Wt. Category)</b> Participated in All India Inter University tournament held at Dr. Babasaheb Ambedkar Marathwada University, Aurangbad from 03.11.2018 to 05.11.2018.
5	Mr. Ruchiket Pote	B.Sc.II	<b>Colour Coat in Power Lifting (120 Kg. above Wt. Category)</b> Participated in All India Inter University Tournament held at University of Calicut, (Kerla) 20.02.2019 to 23.02.2019.
6	Ms. Shivani Jadhao	B.Sc.III	<b>Colour Coat in Wrestling (57 Kg. Wt. Category)</b> Participated in All India Inter University tournament held at Dr. Babasaheb Ambedkar Marathwada University, Aurangbad from 03.11.2018 to 05.11.2018.
7	Ms. Priya Kalalkar	B.Sc.III	<b>Colour Coat in Wrestling (50 Kg. Wt. Category)</b> Participated in All India Inter University tournament held at Dr. Babasaheb Ambedkar Marathwada University, Aurangbad from 03.11.2018 to 05.11.2018.
8	Mr. Vaibhav Karale	B.Sc.III	<b>Colour Coat in Weight Lifting (89 Kg. Wt. Category)</b> Participated in All India Inter University Tournament held at University of Calicut, (Kerla) from 17.11.2018 to 20.11.2018.
9	Ms. Bhagyshree Choudhari Ms. Godavai Raut Ms. Shivani Jadhao Ms. Priya Kalalkar	B.Sc.I B.Sc.III B.Sc.III B.Sc.III	<b>“ UNIVERSITY CHAMPION”</b> Continuous Second Time our College won Wrestling Women Championship 2018-2019 of Sant Gadge Baba Amravati University, Amravati and Three wrestlers awarded Colour Coat, Gold & Silver Medals.
10	Ms. Karika Gawai	B.Sc.III	<b>Silver Medal in Judo</b> in Inter Collegiate Judo Tournament of S.G.B. Amravati University, Amravati held at D.C.P.E. Amravati.

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

11	Mr. Ruchiket Pote	B.Sc.II	<b>Silver Medal in Boxing</b> in Inter Collegiate Boxing Tournament of S.G.B. Amravati University, Amravati held at D.C.P.E. Amravati.
12	Mr. Tushar Gite	B.Sc.III	<b>Bronze Medal in Judo</b> in Inter Collegiate Judo Tournament of S.G.B. Amravati University, Amravati held at D.C.P.E. Amravati.
13	Mr. Shubham Mhatarmare	B.Sc.II	<b>Bronze Medal in Judo</b> in Inter Collegiate Judo Tournament of S.G.B. Amravati University, Amravati held at D.C.P.E. Amravati.
14	Mr. Abhijit Sayre	B.Sc.I	<b>Bronze Medal in Taekwondo</b> in Inter Collegiate Taekwondo Tournament of S.G.B. Amravati University, Amravati held at Sipna College of Engg., Amravati. <b>Gold Medal in Ashtedo Akhada National &amp; International Tournament, Goa.</b>
	<b>Best Sportsman</b> <b>Special Achievement :</b> <b>Mr. Vaibhav Kailash Karale</b>	B.Sc.III	Awarded with three Colour Coat in Weight Lifting & Power lifting for College 2016-2017, 2017-2018 & 2018-2019.

**International Yoga Day :**

International Yoga day was celebrated on 21st June 2018. 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.

**National Sports Day :**

National Sports Day was celebrated on 29<sup>th</sup> August 2018. Students participated in Chess, Badminton, Table Tennis, Skipping Rope & Suryanamaskar events from 23<sup>rd</sup> to 29<sup>th</sup> August 2018. 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.

**National Sports Day 29<sup>th</sup> August 2017**

Sr.No.	Event	Name	Class	Place
1	Suryanamaskar Women	Miss. Godavari Raut (51)	B.Sc.III	First
2		Miss. Priya Kalalkar (36)	B.Sc.III	Second
3		Miss. Shivani Jadhav (20)	B.Sc.III	Third



श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

4	Suryanamaskar Men	Mr. Sagar Gawande (101)	M.Sc.III	First
5		Mr. Shreyas Ingle (85)	B.Sc.II	Second
6		Mr. Shubham Mhatarmare (80)	B.Sc.II	Third
7	Table Tennis Women	Miss. Pratiksha Lunge	B.Sc.II	First
8		Miss. Ravina Sarap	B.Sc.II	Second
9	Table Tennis Men	Mr. Harshal Bais	B.Sc.III	First
10		Mr. Ghanshyam Verma	B.Sc.III	Second
11	Badminton Women	Miss. Ankita Tayde	M.Sc.I	First
12		Miss. Rucha Bhate	B.Sc. I	Second
13	Badminton Men	Mr. Yash Vidyasagar	B.Sc.III	First
14		Mr. Sachin Damodar	B.Sc.III	Second
15	Chess M & W	Mr. Nikhil Nilkhan	B.Sc.II	First
16		Mr. Shreyas Ingle	B.Sc.II	Second
17	Skipping Rope Women	Miss. Anjali Pawar (204)	B.Sc.II	First
18		Miss.Rohini Pawar (183)	B.Sc.II	Second
19		Miss.Gayatri Kalamb (152)	B.Sc.I	Third
20	Skipping Rope Men	Mr. Akshay Shelke (1013)	B.Sc.III	First
21		Mr. Nikhil Matre (870)	B.Sc.I	Second
22		Mr. Jay Indore (800)	B.Sc.II	Third
23	Tug of War Women	Miss. Shivani Jadhao	B.Sc.III	First Position Total Wt. 317 Kg.
24		Miss. Godavari Raut	B.Sc.III	
25		Miss. Damini Sanghai	B.Sc.II	
26		Miss. Ishwari Hingane	B.Sc.II	
27		Miss. Priya Kalalkar	B.Sc.III	
28		Miss. Anjali Pawar	B.Sc.II	Second Position Total Wt. 338 KG.
29		Miss. Vaishanvi Bathe	B.Sc.II	
30		Miss. Kirti Bhala	B.Sc.II	
31		Miss. Sejal Jaiswal	B.Sc.II	
32		Miss. Pooja Halvadiya	B.Sc.II	
33	Miss. Ashwani Akolkar	B.Sc.II	First Position Total Wt. 448 Kg.	
34	Miss. Anchal Mhaisane	B.Sc.II		
35	Miss. Jayashri Jaybhaye	B.Sc.III		
36	Tug of War Men	Mr. Pawan Mohod		B.Sc.I
37		Mr. Vikram Mahakale		B.Sc.I
38		Mr. Gopani Kokane		B.Sc.I
39		Mr. Nikhil Matre		B.Sc.I

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

40		Mr. Lalit Somwanshi	B.Sc.I	Second Position Total Wt. 443 Kg
41		Mr. Dependra Saini	B.Sc.I	
42		Mr. Yadnesh Dhore	B.Sc.I	
43		Mr. Saurabh Dhole	B.Sc.I	
44		Mr. Deepak Jadhav	B.Sc.I	
45		Mr. Rohit Awadhut	B.Sc.II	
46		Mr. Pawan Band	B.Sc.II	
47		Mr. Shantanu Wankhade	B.Sc.II	
48		Mr. Balraj Khurania	B.Sc.II	
49		Mr. Pawan Shelke	B.Sc.II	
50		Mr. Mayur Jawake	B.Sc.II	
51		Mr. Mangal Mawale	B.Sc.II	

**University Level Inter Collegiate Badminton (Men) Tournament :**

S.G.B. Amravati University's Inter Collegiate Badminton Tournament (Men) Zone – A was organized on 18<sup>th</sup> to 21<sup>st</sup> September 2018. In this championship 112 participants of 27 colleges were participated.

**1<sup>st</sup> Annual Sports Meet 2018-2019 :**

1<sup>st</sup> Annual Sports Meet 2018-2019 was organized by The Berar General Education Society, Akola from 8<sup>th</sup> to 11<sup>th</sup> January 2019. The following teams participated in this competition.

Sr.No.	Event	Junior College	Senior College
1	Badminton (Men)	Second Place	Second Place
2	Badminton (Women)	————	<b>First Place</b>
3	Table Tennis (Men)	Second Place	<b>First Place</b>
4	Table Tennis (Women)	————	————
5	Volleyball (Men) Jr.& Sr.	Third Place	
6	Volleyball (Women) Jr.& Sr.	<b>First Place</b>	
7	Kabaddi (Men) Jr.& Sr.	Third Place	
8	Kabaddi (Women) Jr.& Sr.	<b>First Place</b>	

**Physical Efficiency Test :**

The Physical efficiency Test was conducted in the month of January 2019. **140** Students from B.Sc.I & II participated in this test. Result of this test is as follows.

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

	A Grade Certificates	B Grade Certificates
For Men	15	12
For Women	21	61

### Medical Examination :

Medical Examination 2018-2019 was conducted in the month of March 2019. **244 Women & 117 Men** have attended this examination.

### Self Defense Academy (Innovative Practice) :

Judo, Wrestling, Karate, Boxing, Taekwondo & Stick practice was taken under in this self defense academy. This hard training develops muscular power, stamina, endurance, flexibility, agility of strength of player. Aim of this activity is to develop self defense skill with physical fitness among the students specially for girls as well as in boys. Physically strong young generation is always ready to struggle in any situation.

### Achievements of Staff

Sr. No.	Name	Designation	Achievement
1	Dr. Rajesh D. Chandrawanshi	Director of Sports and Physical Education	<b>Recognized as a Supervisor for Ph.D.</b> in Physical Education as per Sant Gadge Baba Amravati University's Notification dated 14 <sup>th</sup> March 2019.

### Resource Persons :

Sr. No.	Name of Resource Person	Key Note Address/ Invite Talk	Name of Institute and Place	Event	Date
01	Dr. Rajesh D. Chandrawanshi	Invite Talk	Mahajan College of Technology & Smt. N.W. Arts College, Yavatmal	International Conference on Recent Trends in Commerce and Humanities	23 <sup>rd</sup> & 24 <sup>th</sup> March 2019

### Sports Committee Members :

1. Dr. R.D. Chandrawanshi ..... Chairman
2. Dr. R.L. Rahatgaonkar ..... Member
3. Prof. V.N. Badgujar ..... Member
4. Dr. S.B. Tadam ..... Member

**Dr. Rajesh D. Chandrawanshi**

Director

Physical Education

## DEPARTMENT OF PHYSICS

### REPORT

In this academic year we are pleased to highlight the following activities / achievements of the Department of Physics.

The department of physics is renovated this year and Inauguration of newly renovated department is done at the hands of Hon. Randheer Sawarkar (MLC Member) in presence of Hon. Viplove Bajoriya (MLC Member) on the occasion of death anniversary of late principal M.G. Joshi sir on 24<sup>th</sup> Dec. 2018. It was a good opportunity for the students offering physics to participate in the activities of Sky Observation Club (SOC) of Shri R.L.T. College of Science, Akola. During the programme of 'Eureka' staff of department, were explain experimental information with demonstration of practicals for the students of different school. **Prof. S.R. Jaiswal** conducted online mobile test exam for B.Sc. III year students. Department of physics actively conducted seminars and group discussion for the B.Sc. II and B.Sc. III students. 169 students from B.Sc. II Sem III and 182 students from B.Sc. III Sem V actively participated in **seminar** and as well as 172 students from BSc. II Sem IV and 184 students from B.Sc. III Sem. VI participated in **group discussion** activity. Three teaching staff members continuously participated in research activities. Student of B.Sc. III namely **Yash Vidyasagar, Dipak Lahase, Swapnil Ingle, Tayade** with teacher **Mr. S. R. Jaiswal** demonstrate the Raman Effect effectively with the help of model on the occasion of National Science day on 28<sup>th</sup> Feb 2019.

● **Achievement of Department of Physics :**

1. **Miss Dipali Khaddakar** secured 2<sup>nd</sup> number in the merit list of B.Sc. of Sant Gadge Baba Amravati University Amravati
2. **Miss. Priya Wankhede** secured 6<sup>th</sup> number in the merit list of B.Sc. of Sant Gadge Baba Amravati University Amravati.
3. **Miss. Yoshita Veera** of B.Sc. III participated in the University level "Avishkar Research Festival" 2019, with her project on **low cost dust settler**.
4. **Mr. Nagorao Fulkar** of B.Sc. II participated in the University level "Avishkar Research Festival" 2019, with his project on **Spoil oil control mechanism model**.
5. **Mr. Prashant P. Gedam** clear the 12 week MOOC exam on "**Solid State Physics**" with 77% conductrd by IIT, Kharagpur and funded by Minisrty of HRD Govt. of India.

Teaching staff actively participated in research activity as,

श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

• Research Publication :

Sr. No.	Name of Faculty	Title of Paper	Name of Journal	Status
1.	Mr. P. P. Gedam	One step galvanostatical synthesis and characterization of acid doped PANI thin films.	<i>Research Journey International E-Research Journal Volume 110, Issue-1, pp 31-34 (Feb-2019)</i> ISSN: 2348-7143 <b>Impact factor: 6.261</b> (UGC Approved Journal)	National
2.	Dr. R.M. Agrawal	Humidity Sensing Properties of BaTiO <sub>3</sub> doped ZnO Thick Films	<i>Ajanta Volume-VIII, Issue-1, pp 33-38(January 2019)</i> ISSN: 2277-5730 <b>Impact factor: 5.5</b> (UGC Approved Journal)	National
		Synthesis and Humidity Sensing Investigation of Nanostructured ZnO doped SnO <sub>2</sub> Thick Films	<i>Research Journey International E-Research Journal Volume 110, Issue-1, pp 25-30 (Feb-2019)</i> ISSN: 2348-7143 <b>Impact factor: 6.261</b> (UGC Approved Journal)	International
		Water Vapour Sensing Mechanism of PANI doped with ZnO Nanocomposites	<i>Research Journey International E-Research Journal Volume 110, Issue-1, pp 250-253 (Feb-2019)</i> ISSN: 2348-7143 <b>Impact factor: 6.261</b> (UGC Approved Journal)	International
		Study of AC Electrical Conductivity and Dielectric Properties of Polypyrrole based ZnO Nanocomposites	<i>Research Journey International E-Research Journal Volume 110, Issue-1, pp 254-258 (Feb-2019)</i> ISSN: 2348-7143 <b>Impact factor: 6.261</b> (UGC Approved Journal)	International
3.	Mr. S. R. Jaiswal	Visible Quantum Cutting in KMgF <sub>3</sub> Co-doped with Gd <sup>3+</sup> and Eu <sup>3+</sup> Phosphor		International

• **Paper Presentation :**

• **Mr. Prashant Gedam :**

1. Presented a research paper entitled "One step galvanostatical synthesis and characterization of acid doped PANI thin films." In UGC sponsored National conference on Emerging Trends in science which is organised by Vidya Bharati Mahavidyal Amravati on Feb. 2019.

2. Presented a research paper entitled "Electrochemically synthesis and characterization of polyaniline thin films." In One day National conference on "Nanomaterials and their applications critical" which is organised by Arts commerce and Science college Kille-Dharur Dist. Beed. On 14<sup>th</sup> Feb. 2019.

• **Dr. R.M. Agrawal :**

1. Presented a research paper entitled "Synthesis and humidity sensing investigation of nanostructured ZnO doped SnO<sub>2</sub> thin films" In UGC sponsored National conference on "Emerging Trends in science" which is organised by Vidya Bharati Mahavidyal Amravati on Feb. 2019.

• **Mr. S.R. Jaiswal :**

1. Presented a research paper entitled "" in International Conference on Luminance and its Applications (ICLA) Jan-2019 at Ravishankar Shukla University, Raipur.

• **Participation in Conference/Seminar/Workshops :**

• **Mr. P.P. Gedam :**

1. Participated in UGC sponsored National conference on Emerging Trends in science which is organised by Vidya Bharati Mahavidyal Amravati on Feb. 2019.

2. Participated in One day National conference on "Nanomaterials and their applications critical" which is organised by Arts commerce and Science college Kille-Dharur Dist. Beed. On 14<sup>th</sup> Feb. 2019.

3. Participated in One day national level seminar cum workshop on Art of Perfume & soap making (Skill development and self employment) organised by Shri R. L.T. College of Science, Akola on 8<sup>th</sup> Sept. 2018.

4. Participated in state level seminar on My health my responsibility: complementary to medicine and health care and teachers workshop on Teaching constraints in microbiology and allied sciences organised by Shri R.L.T. College of Science, Akola on 28<sup>th</sup> Feb 2019.

5. Participated in University level PG students seminar competition on Topology organised by Shri R.L.T. College of science, Akola on 12<sup>th</sup> March 2019.

• **Dr. R.M. Agrawal :**

1. Participated in UGC sponsored National conference on Emerging Trends in science which is organised by Vidya Bharati Mahavidyal Amravati on Feb. 2019.

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

2. Participated in One day national level seminar cum workshop on Art of Perfume & soap making (Skill development and self employment) organised by Shri R.L.T. College of Science, Akola on 8<sup>th</sup> Sept. 2018.

3. Participated in state level seminar on My health my responsibility: complementary to medicine and health care and teachers workshop on Teaching constrains in microbiology and allied sciences organised by Shri R.L.T. College of Science, Akola on 28<sup>th</sup> Feb 2019.

4. Participated in University level PG students seminar competition on Topology organised by shri R.L.T. College of science, Akola on 12<sup>th</sup> March 2019.

5. Participated in UGC sponsored National conference on "Recent Advanced in science and Technology" which is organised by Gopikabai Sitaram Gawande College, Umarkhed on 5-6, March, 2019.

### ● Mr. S.R. Jaiswal :

1.. Participated in One day national level seminar cum workshop on Art of Perfume & soap making (Skill development and self employment) organised by Shri R. L.T. College of Science, Akola on 8<sup>th</sup> Sept. 2018.

2. Participated in state level seminar on My health my responsibility: complementary to medicine and health care and teachers workshop on Teaching constrains in microbiology and allied sciences organised by Shri R.L.T. College of Science, Akola on 28<sup>th</sup> Feb 2019.

3. Participated in University level PG students seminar competition on Topology organised by shri R.L.T. College of science, Akola on 12<sup>th</sup> March 2019.

4. Participated in International conference on "Luminance and its Applications (ICLA)" Jan-2019 at Ravishankar Shukla University, Raipur

### ● Details of Professional Training/Faculty Development Programme/Courses Specifying Period:

Sr. No.	Name of Faculty	Name of Professional Training/FDP/ Orientation / Refresher Courses	Duration	Venue/Course Undertaken
1.	Mr. P.P. Gedam	MOOC on "Solid State Physics"	12 week	IIT, Kharagpur
2.	Dr. R. M. Agrawal	Train the Trainer Programme.	29 <sup>th</sup> Oct. 2018 to 3 <sup>rd</sup> Nov. 2018.	Faculty Development Cell, Sant Gadge Baba Amravati University, Amravati.

श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

• Participation as Resource Person :

Sr. No.	Name of Faculty	Name of the activity	Date	Venue	Level
1.	<b>Mr. P. P. Gedam</b>	Jury member in District Science exhibition.	1 <sup>st</sup> Jan., 2019	Khirpuri, Akola	District
		Jury member in "World Water Day".	22 <sup>nd</sup> March, 2019	Shri R.L.T. College of Science, Akola	College level
2.	<b>Dr. R.M. Agrawal</b>	Invited talk on Topic "Time Management" in Four Day Workshop on Skill Development Programme.	22 <sup>nd</sup> to 25 <sup>th</sup> March, 2019	Shri R.L.T. College of Science, Akola	University
3.	<b>Mr. S.R. Jaiswal</b>	Invited Talk on Topic "To Know Your Universe" in EUREKA one day workshop for school teachers and student	13 <sup>th</sup> March 2019	Shri R.L.T. College of Science, Akola	Akola District Science Forum
		Invited talk on "THE COSMOS"	18 <sup>th</sup> Dec., 2019	Apoti khurd (afatafa).	College level NNS Camp.

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



## DEPARTMENT OF ZOOLOGY

### REPORT

#### DEPARTMENTAL ACTIVITIES :

##### A) Wall Magazine - BESST (11 Aug. 2018)

Wall Magazine **BESST** (Biological and Environmental Studies with Social Temperament) is started to provide a launch pad for the student's creative urges to blossom naturally. This humble initiative is to set the budding minds free allowing them to roam free in the realm of experience to create a living world in words. Our student authors have put across some amazing pieces of writing in this Wall Magazine. The first issue of Wall Magazine **BESST** was release on 11<sup>th</sup> August 2018 with 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.

##### B) Mobile Photography : Exhibition cum Competition (25 Aug. 2018) (Nature and Social Photography)

ZEBRA cell of Zoology Department organized **Mobile Photography Competition & Exhibition** on **Nature and Social Photography** on 25<sup>th</sup> August 2018 at Zoology Lab. Total 74 students were Exhibited their Mobile photographs collection related to the theme. Three photographs were selected awarded by 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> prizes.

**Mobile Photography Seminar** was also organized for the students and participants. Photographer Mr. Sagar Ghadekar and Mr. Kushal Senad delivered explanatory and informative seminar for the students. All faculties were attended the program and all students were take efforts for the success of program

##### C) Self Governance Day : Student's Seminar (5<sup>th</sup> September 2018)

On the occasion 'Teachers Day' on 5<sup>th</sup> 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.ScII 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 they were selected and felicitated by awards of 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> 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.

##### D) Guest Lecture on Migration of Fishes (8<sup>th</sup> September 2018)

A Guest Lecture Dr. Shyamla R. Katke, Head, Department of Zoology, Brijlal Biyani Science College, Amravati was organized on topic "Migration in Fishes" on dated 8<sup>th</sup> September 2018.

##### E) World Ozone Day Celebration (16<sup>th</sup> September 2018)

On the occasion World Ozone Day sampling of Holy Basil Plant collected by the students from

their house and premises and plantation done in the campus of college. To create awareness about Ozone Depletion and to motivated students for creating Oxygen Park in campus such awareness activity carried out for the students. Total 10 saplings planted in the campus.

**F) Wild Life Conservation Week Program (1-7 October 2018)**

Every year Department of Zoology under ZEBRA cell observe **Wild Life Conservation Week** on **1-7 October Week**. During the week many motivating and students informative programs were conducted by the department. 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” (1<sup>st</sup> Oct. 2018)**

On **1<sup>st</sup> October** inauguration of wild life conservation week was conducted. On this occasion Asst Prof. and Head Dr.S.M.Nagrале guided the students about the wild life conservation. Documentary movie show 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 Nature Interpretation Centre of Akola (3<sup>rd</sup> Oct. 2018)**

Under the **Wild Life Conservation Week Program visit to Nature Interpretation Centre of Akola** was organized for the B.Sc. students. Under the guidance of Mr. Uday Waze, Founder of Shrushti Vaibhav, NGO, Akola and Faculties of Zoology Department a awareness rally was organized from College campus to the Nature Interpretation Center. Under the lead role of Dr. Kohchale, Dr. Sawarkar and Dr. Joshi students are marched towards the center and under the guidance of Dr. Nagrale students were interact with Mr. Uday Waze and visted the Center. All students actively participated in the events.

**G) Biodiversity Calendar (26<sup>th</sup> January 2019)**

To know value of biodiversity and inculcate environmental consciousness among students Biodiversity Calendar-2019 was published on 24<sup>th</sup> December 2018 with the hands of eminent personalities Hon. Mr. Randhir Savarkar (Member of MLA) and Mr. Viplove Bajoria (Member of MLC). 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 -2019 is a master piece of efforts taken by students to complete their participatory learning project.

**H) Akola City Bird Election (19<sup>th</sup> Jan. 2019)**

Akola city bird election conducted on 19 January 2019 at College Auditorium organized by Akola District Election Officer and Nisarga Katta under the collaboration of Zoology Department of Shri R.L.T. College of Science, Akola. Overall 776 students and staff vote for the selected Bird candidate. Total Five Bird candidate was there for the contest and after counting **Common Egret** was elected as Akola BIRD for next five years.

**I) Educational Tour at Kolhapur and Malvan (21<sup>th</sup> January 2019)**

Zoology Department was organised Excursion and Education Tour for B.Sc. Final Year students

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

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at Kolhapur and Malvan during 21<sup>th</sup> Jan. 2019 to 23<sup>rd</sup> Jan. 2019. Overall 44 students and 6 Teaching and Non Teaching staff were participated for the Tour. Students visited to the Zoo Museum and different places of Kolhapur. Students also visited to Marine Sanctuary, beaches and other educational centre of the Malvan and returned on 23 Jan. 2019 to Akola.

### **J) Zoology Aptitude Test (26<sup>th</sup> February 2019)**

To improve the objective and aptitude knowledge of Zoology subject, Department under the guidance and supervision of HOD, Dr. S.M. Nagrale conducted Zoology Aptitude Test for B.Sc.III students. All staff were provides their support for the success of the events. Three students on the basis of higher scoring selected and ranked as 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> respectively and awarded by certificates.

### **K) Visit to Anubhuti 2019 : Human organ exhibition (1<sup>st</sup> March 2019)**

Zoology Department was arranged Educational visit for B.Sc. students at Government Medical College Akola for exhibition of ANUBHUTI 2019 : Human Organ exhibition on 1<sup>st</sup> March 2019. B.Sc.I and II students along with Dr Joshi madam and Dr. Sawarkar madam visited to the exhibition.

### **L) Wild Life Pencil Art Exhibition (12<sup>th</sup> March 2019)**

Department of zoology organized the wild life pencil art exhibition on 12<sup>th</sup> of March 2019. The coordinator of the exhibition was Dr. Rashmi Joshi Sawalkar while members of organizing committee were Dr. Archana Sawarkar and Dr. Sudhir kohchale. The inauguration of the exhibition was done by the hands of respected Dr. R.B. Heda, President of the B.G.E. Society, Akola in the gracious presence of executive members of B.G.E. Society and respected Dr Katore, Head P.G. Dept. of Mathematics, SGBAU, Amravati. The sketches of wild life were drawn by the B.Sc. students. It was an effort made by organizing committee to create awareness about biodiversity conservation and developing skill other than studies among the students.

### **M) Release of Proceedings of Student Project "Birds of Akola" (12<sup>th</sup> March 2019)**

The project entitled "Birds of Akola" is a piece of work carried out by B.Sc. II (Sem. IV) students under supervision of Dr. Archana S. Sawarkar. It is an innovative participatory learning project which included 329 species of birds from 69 families found in Akola region. Information about habit and habitat, general characters, feeding behavior and ecological importance of each bird is given. Proceeding of the project was release with the hands of Dr. R.B. Heda, President, The B.G.E. Society, Akola on 12<sup>th</sup> March 2019.

### **N) World Sparrow Day (20<sup>th</sup> March 2019)**

Department of Zoology celebrate World Sparrow Day on 20<sup>th</sup> March at Zoology department. Students conducted program under the guidance of Dr. S.M. Nagrale. For drinking water to Sparrow, water pots were installed at Botanical Garden in college campus. Students and staff were presents for the events. Water pots were filled with water by the students and staff. Dr. Archana Sawarkar, Dr. Rashmi Joshi Sawalkar madam, Lab. Attendant Shri S.P. Patil and other non-teaching staff also present for the program.

**Dr. Sushil M. Nagrale**  
Head  
Department of Zoology

## ENVIRONMENTAL CELL

### REPORT

The Environmental cell along with students work for various Environment conservation activities and awareness among the students & people.

Environment cell of Shri R.L.T. College of Science, Akola carried out various activities during session 2018-19.

On Vansanvardhan Divas & Krushi Divas i.e. on 1<sup>st</sup> July 2018 at 08.30 am, all the Members of Environmental Cell, Shri R.L.T. College participated in Morna plantation Campaign which was organised by Vanvibhag and Samajik Vanikaran Akola. The campaign was carried out from 1 to 31 July 2018 Near about 13 crore tree plantation was for targeted throughout various District in Maharashtra Conserve nature for future. The Campaign was Collector of Akola Shri Astik Kumar Pandey. This plantation event Akola was inaugurated by Dr. Ranjeet Patil.

Various Social & Natures clubs Colleges NGO's, Institution work hard for this event & various medicinal as well as Woody and Ornamental plants were planted on the bank of River Morna. All the members of Environmental Cell, Mrs. V.N. Badgular, Dr. A.S. Sawarkar, Dr. S.R. Kohachale, Dr. Rashmi Joshi, Shri S.V. Madavi were present Mr. Harshal Bais, Mr. Prashant Gulhane, Mr. Nikhil Sharma, Mr. Akhilesh Puranik, Ku. Aarti Kadu, Ku. Shivani Gamgamwar were participated in this event .

#### **Celebration of Wildlife week**

On the Occasion of Wildlife week (1-7 Oct. 2018) Holy Basil Club of Botany Dept. & Environment Cell organised "Documentary Film" for students. Prof S.V. Madavi shows Documentary "Kingdom of Plants" by Dr. David Atteninbaurg on 7<sup>th</sup> Oct. 2018. In all 110 students were present for this event.

#### **Enviornmental Calendar**

Every year Dr. A.S. Sawarkar (Department of Zoology) & Dr. A.A. Sangole (Department of Botany) released Environmental calendar on the eve of Republic Day. i.e. 26<sup>th</sup> Jan. 2019 which is useful for Environmental awareness among students & people.

#### **'Bird of Akola' Election 18 Jan. 2019**

(15 - 23 Jan. 2019) All the students & members of Environment cell participated in "Bird of Akola" election 2019, which was held at Shri R.L.T. College of Science, Akola.

The students volunteer participated in the compaigning of various Bird by telling their special features, working style and its contribution to Nature's Ecosystem.

This event was organized by Akola Jilha Nivadnuk Adhikari & Nisarg Katta, President, Shri Amolji Sawant. Zebra Cell of Shri R.L.T. College of Science, Akola & Environmental Cell participated in this event.

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

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The "Gai-Bagla" was elected as 'Bird of Akola'. The students Ku. Aarti Kadu, Ku. Ashwini Bholvanakar, Ku. Shivani Gamgamvar, Shri Ajanakar took efforts for the Campaigning of the nominated Birds.

All the members of Environmental Cell, Mrs. V.N. Badgujar, Dr. S.M. Nagrale, Dr. A.S. Sawarkar Dr. P.T. Agrawal, Dr. P.M. Khadse, Dr. A.A. Sangole, Dr. Rasmi Joshi, Dr. S.R. Kohchale, Dr. K.M. Heda, Shri S.V. Madavi were present. The students Ku. Aarati Kadu, Ku. Ashwini Bholvanakar, Ku. Shivani Gamgamvar, Shri Rhushikesh, Shri Om Kale, Mr. Rishikesh Tiwari took efforts for the success of programme.

**Celebration of 'Sparrow Day'** : On occasion of 'Sparrow day' ie. 20<sup>th</sup> March 2019, 'Holy Basil Club' of Botany Department and Environmental Cell students celebrated "Sparrow day". In this project water pots and Bird's Nests were tied on various plants in the Botanical Garden and College Campus. Students were also encouraged to hang this pots & Nests at their home & other social premises. All the members were present among students Miss. Aarti Kadu, Ku. Yashashri Daberao, Ku. Ashwini Vagare, Mr. Himanshu Sunarival, Mr. Shubham Wankhade and all students of Enviornmental Cell work for the event.

**Celebration of "Jaljagruti Saptah"** : (16 March-22March 2019)

On The occasion of 'Jaljagruti Saptah" Envioimental Cell of Shri R.L.T. College of Science, Akola conducted test for B.Sc.I & B.Sc. II year students on 15<sup>th</sup> March 2019 which was organised by Vidarbha Patbandhare Vikas Mahamandal Nagpur & Akola Sinchan Mandal Akola.

Similarly of 'Jaljagruti saptah' on 16 March 20019. Environmental cell members and students of our college participated in one day workshop on "Save water & water harvesting methods" held at Shri Khandelwal College of Science, Akola in collaboration with Rotary club of Akola & Akola Sinchan Mandal, Akola.

The Staff members, Mrs V. N. Badgujar, Dr. Kavita Heda, Dr. A.A. Sangole along with the students, Ku. Aarti Kadu, Ku. Gayatri Satarkar, Ku. Dhyaneshwari Palkat, Mr. Om Kale, Mr. Akhilesh Puranik, Mr. Nikhil Sharma were participated.

Similary our students participated in 'Run for water compagion' on 17 March 2019 at Jilhadhikari Karyalaya, organized by Akola Sinchan Mandal Akola & Rotary Club and Akola in Collaboration with Khandelwal College. In all 12 students participated in this Run. The staff members Mrs. V. N. Badgujar & Dr. K.M. Heda also participated in this event.

On the occasion of "Jalgagruti Abhiyan" on 22th March Enviornmental Cell of Shri. R.L.T. College of Science, Akola organized Poster competition on 'Save Water" in collaboration with Botany Department. For UG & PG students the event was inaugurated by our Principal Dr. V.D. Nanoty was Chief Guest, Mr. Ninadji Athavale, Member of Cultural Committee, The BGE Society Akola. Dr. S.M. Nagrale, Dr. Poonam Agrawal were present. Mrs. V.N. Badgujar gives the introductory speech & focus the aim of the programme.

In all 52 participats were participated from UG & PG level. The competition was judge by Dr. Sujata Tadam (HOD, Maths Dept.) and Dr. Gedam (Physics Dept.)

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

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The winners were awarded with certificate & cash prizes.

UG Level winners :-

1	Ku. Yashashree Daberao	I Prize
2	Ku. Saima Maksood	II Prize
3	Ku. Aarti Kadu	} III Prize
	Ku. Ashawini Vagare	
	Ku. Gayatri Dhobale	

PG Level winners :-

1	Ku. Rashmi Gwaalani	} I Prize M.Sc.Chemistry
	Ku. Shradhha Hategaokar	
2	Mr. Sohail Ali	II Prize M.Sc. Maths

All the staff members of Environmental Cell Dr. A.A. Sawarkar, Dr. Rashmi Joshi, Dr. Kavita Heda, Dr. Rahatgaokar, Prof. D.G. Raipure, Prof. V.D. Wakode took efforts for the programme. The programme was conducted by Dr. P.M. Khasde and Dr. Rashmi Joshi proposed vote of thanks.

**Prof. Mrs. Vaishali N. Badgujar**  
Chairman  
Environmental 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 the staff members of the 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 approximate 35 students were enrolled. The regular meetings, guidance classes and various activities are held throughout the session. An 'Astronomical Gallery' was proposed to form in the college to impart the knowledge by exhibiting telescope and other astronomical objects, models and pictures for viewers.

Following are the activities of the SOC throughout the session:

- In the initial sessions we introduced students about the different activities which are conducted by this club Regular. Then in regular sessions we distributed some small astronomical projects to students like Phase of the moon observation, sun rise and set position observation, how to measure diameter of the sun, moon and earth.
- By using *Star Dials and Google Map* how to find current stars position. A program on 'Setting of telescope was arranged under the guidance of Dr. S.M. Nagrale, Prof. R.B. Ghayalkar and Prof. S.R. Jaiswal.
- In the NSS Camp Prof. S.R. Jaiswal delivered a lecture on 'THE COSMOS' on dated 18/12/2018 at gram Apoti khurd (apatapa).
- Eventually we captures astronomical events, in this session on 22 Jan. 2019 Lunar eclipse's / Super Moon Recorded streaming shown to students by Prof. R.B. Ghayalkar .
- In EUREKA 2018-19 one day workshop which was jointly organized by our college with 'Akola district Science Forum' for school students, Prof. S.R. Jaiswal presented a Astronomical Lecture on 'TO KNOW OUR UNIVERSE' and there after students visited SOC's Astronomical Gallery on dated 13 March 2019.

**Prof. R.B. Ghayalkar**  
Member  
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.14,000/-) was sponsored by mother institute, The Berar General Education Society, Akola.

Details of the achievements made over academics session 2018-2019 are as under:

### ACHIEVEMENTS OF STUDENTS

Sr. No.	Name of Student	Class	Achievements
1	Mr. Shubham Shriwas	B.Sc.III	Attended Thal Sainik Camp, New Delhi, Gold Medal in All India Service Shooting Competition in TSC Camp, New Delhi
2	Mr. Hitesh Joshi	B.Sc.III	Attended Thal Sainik Camp, New Delhi, Gold Medal in All India Service Shooting Competition in TSC Camp, New Delhi
3	Mr. Vishal Janjal	B.Sc.II	Attended Thal Sainik Camp, New Delhi, Gold Medal in All India Service Shooting Competition in TSC Camp, New Delhi
4	Mr. Sangam Ambhore	B.Sc.II	Attended Thal Sainik Camp, New Delhi, Bronze Medal in All India Service Map Reading Competition in TSC Camp, New Delhi
5	Miss. Kalyani Sangunwedhe	B.Sc.I	Represented Sant Gadge Baba Amravati University in West Zone Inter University Tournament held at Savitribai Phule Pune University, Pune from 29.10.2018 to 01.11.2018. Participated in Open Junior National Handball Tournament held at Himachal Pradesh.



श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

6	Miss. Shivani Jadhao (Weight Category 57 Kg)	B.Sc.III	Represented Sant Gadge Baba Amravati University in All India Inter University tournament held at Dr. Babasaheb Ambedkar Marathwada University, Aurangbad from 03.11.2018 to 05.11.2018.
7	Miss. Priya Kalalkar (Weight Category 50 Kg)	B.Sc.III	Represented Sant Gadge Baba Amravati University in All India Inter University tournament held at Dr. Babasaheb Ambedkar Marathwada University, Aurangbad from 03.11.2018 to 05.11.2018. <b>Bronze Medal in Inter Collegiate Judo Tournament of S.G.B. Amravati University, Amravati.</b>
8	Miss. Bhagyshri Chaudhari (Weight Category 62 Kg)	B.Sc.I	Represented Sant Gadge Baba Amravati University in All India Inter University tournament held at Dr. Babasaheb Ambedkar Marathwada University, Aurangbad from 03.11.2018 to 05.11.2018. <b>Bronze Medal in Inter Collegiate Judo Tournament of S.G.B. Amravati University, Amravati</b>
9	Miss. Mrunali Wavge	B.Sc.I	Represented Sant Gadge Baba Amravati University in West Zone Inter University Tournament held at Swami Ramanand Teerth Marathwada University, Nanded (Dayanand Arts College, Latur) from 10.11.2018 to 14.11.2018. Participated in Open Junior National Kabaddi Tournament held at Pune CM Chashak Kabaddi Second Place in Akola
10	Mr. Vaibhav Karale <b>Best Sportsmen Award</b>	B.Sc.III	Represented Sant Gadge Baba Amravati University in All India Inter University Tournament held at University of Calicut, (Kerla) from 17.11.2018 to 20.11.2018.
11	Mr. Kshitij Tiwari	B.Sc.I	Representing Sant Gadge Baba Amravati University in All India Inter University Boxing Tournament is scheduled to be held at Janardan Rai Nagar Rajasthan Vidyapeeth, Udaipur (Raj.) from 23.02.2019 to 28.02.2019.
12	Mr. Ruchiket Potey	B.Sc.II	Representing Sant Gadge Baba Amravati University in All India Inter University Power Lifting Tournament is scheduled to be held at University of Calicut, (Kerla) in the month of February / March 2019. <b>Silver Medal in Inter Collegiate Boxing Tournament of S.G.B. Amravati University, Amravati</b>

श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

13	Ms. Vasundhra Dutonde	B.Sc.III	Selected for State Level University Avishkar from S.G.B. Amravati University, Amravati.
14	Ms. Kanchan Mangtani	M.Sc.II Microbiology	
15	Ms. Pooja Mule	B.Sc.III	Gold Medal in Volleyball Competition in Ek Bharat Shresth Bharat Camp under NCC.
16	Ms. Ashwini Shinde	B.Sc.II	
17	Mr. H.K. Suneriwal	B.Sc.I	Participation in State Level Camp in University of Mumbai, Mumbai under NSS.
18	Mr. Akshay Gulhane	B.Sc.I	
19	Ms. Shrutika Chandak	M.Sc.II Microbiology	All Students are participated in Avishkar Research Convention of Sant Gadge Baba Amravati University, Amravati under various categories.
20	Ms. Krashna Laddha	M.Sc.II Microbiology	
21	Ms. Roshani Kadam	M.Sc.I Microbiology	
22	Ms. Yoshita Veera	B.Sc.III	
23	Mr. Nagorao Fulkar	B.Sc.II	
24	Ms. Apurva Shah	B.Sc.III	
25	Mr. Balraj Khurania	B.Sc.II	
26	Ms. Rutvija Deshmukh	B.Sc.II	
27	Mr. Rohit Khirad	M.Sc.II	
28	Ms. Sayli Jagtap	B.Sc.III	
29	Ms. Sapna Arbe	B.Sc.II	Participate in presentation and demonstration of Physics Experiment at S.G.B. Amravati University, Amravati.
30	Ms. Godavari Raut	B.Sc.III	Silver Medal in Inter Collegiate Wrestling Tournament of S.G.B. Amravati University, Amravati
31	Ms. Karika Gawai	M.Sc.I Maths	Silver Medal in Inter Collegiate Judo Tournament of S.G.B. Amravati University, Amravati
32	Mr. Tushar Gite	B.Sc.III	Bronze Medal in Inter Collegiate Judo Tournament of S.G.B. Amravati University, Amravati
33	Mr. Shubham Mhatarmare	B.Sc.II	Bronze Medal in Inter Collegiate Judo Tournament of S.G.B. Amravati University, Amravati
34	Mr. Abhijeet Sayre	B.Sc.I	Bronze Medal in Inter Collegiate Taekwondo Tournament of S.G.B. Amravati University, Amravati <b>Gold Medal in Ashtedo Akhada National &amp; International Tournament, Goa</b>

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

35	Mr. Mahesh Janjal	B.Sc.II	3 <sup>rd</sup> prize in Vidharbha Level Debate Competition organized by Babuji Deshmukh Vachanalay , Akola 3 <sup>rd</sup> Prize District Level Elocution Competition Organized by Nehru Yuva Kendra, Akola
36	Ms. Kajal Jawake	B.Sc.III	3 <sup>rd</sup> prize in Vidharbha Level Debate Competition organized by Babuji Deshmukh Vachanalay , Akola
37	Ms. Srusti Mate	B.Sc.II	Second Position in Youth Festival 2018 of S.G.B. Amravati University, Amravati
38	Mr. Govind Andhale	B.Sc.II	Participating in S.G.B. Amravati University Level Training NSS Camp.
39	Mr. Aditya Ade	B.Sc.II	
40	Ms. Vijaya Tekade	B.Sc.II	2 <sup>nd</sup> Prize District Level Elocution Competition Organized by Nehru Yuva Kendra, Akola 3 <sup>rd</sup> position ranked in Youth Parliament District Level Youth Parliament.
41	Ms. Rutvija Deshmukh	B.Sc.I	3 <sup>rd</sup> Prize District Level Elocution Competition Organized by Nehru Yuva Kendra, Akola
42	Ms. Ketaki Kshirsagar	B.Sc.III	3 <sup>rd</sup> Prize District Level Elocution Competition
43	Ms. Vaibhavi Topale	B.Sc.I	1 <sup>st</sup> position ranked in Youth Parliament District Level Youth Parliament

**ACHIEVEMENTS OF FACULTY MEMBERS**

S.No.	Name	Designation	Achievements
1	Dr. A.S. Sawarkar	Asst. Prof. Zoology	2 <sup>nd</sup> Prize for best poster presentation in International Conference on Multifunctional Advance Material held at Nagpur.
2	Prof.Mrs. Vaishali Badgujar	Head of Botany	Paper Presentation in International Conference on Multifunctional Advance Material held at Nagpur.
3	Dr. A.A. Sangole	Asst. Prof. Botany	
4	Dr. P.T. Agrawal	Head of Chemistry Asst. Prof.	1. Paper Presentation in International Conference on Multifunctional Advance Material held at Nagpur. 2. Special Achievement Published Chemistry Practical Book for B.Sc.I.

श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

			3. Recognized Supervisor of Sant Gadge Baba Amravati University, Amravati for Ph.D. in the subject of Chemistry.
5	Dr. P.P. Deohate	Asst. Prof. Chemistry	1. Published 6 research paper in reputed journals 2. Appointed as Chief Editor of Amravati University Chemistry Association Newsletter 3. Ideal Teacher Award from State Level Congress Teacher Cell. 4. Received award for excellence in research by 3 <sup>rd</sup> South Asian Society.
6	Dr. P.R. Kawade	Asst. Prof. Chemistry	1. Poster Presentation in International Conference of Indian Science Congress held at Punjab University, Punjab. 2. Recognized Supervisor of Sant Gadge Baba Amravati University, Amravati for Ph.D. in the Subject of Chemistry.
7	Dr. K.M. Heda	Asst. Prof. Chemistry	1. Paper Presentation in International Conference on Multifunctional Advance Material held at Nagpur 2. Special Achievement Published Chemistry Practical Book for B.Sc.I. 3. Publish research paper in reputed journals.
8	Dr. V.D. Deotale	Asst. Prof. Chemistry	1. Poster Presentation in International Conference of Indian Science Congress held at Punjab University, Punjab 2. Paper Presentation in International Conference on Multifunctional Advance Material held at Nagpur
9	Dr. H.S. Malpani	Asst. Prof. Microbiology	Poster Presentation in International Conference of Indian Science Congress held at Punjab University, Punjab
10	Prof. P.P.Gedam	Asst. Prof. Physics	1. Jury member of District Science Exhibition held at Khirpuri 1 <sup>st</sup> January 2019. 2. 12 week online course of IIT on Solid State Physics.

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

11	Prof. S.R. Jaiswal	Asst. Prof. Physics	Poster Presentation in International Conference on Luminance and its Application held at NIT, Raipur
12	Dr. Rashmi Sawalkar	Asst. Prof. Zoology	3 <sup>rd</sup> Prize for paper presentation in National Conference Recent Trends in Life Sciences for Sustainable development held at S.G.B. Amravati University, Amravati
13	Prof. Ms. S.N. Gawande	Asst. Prof. Microbiology	Poster Presentation in National Conference in Recent Trends in Life Sciences for Sustainable development held at Sant Gadge Baba Amravati University, Amravati
14	Dr. Sudhir Kohchale	Asst. Prof. Zoology	1. Qualify SET Examination in May 2018 in the subject of Zoology 2. Work as Trainer at S.G.B. Amravati University for Avhan 2018 3. Invited in HRDC – UGC ASC S.G.B. Amravati University, Amravati as Resource Person in Disaster Management.
15	Dr. P.M. Khadse	Asst. Prof. Botany	Ph.D. Degree Awarded by S.G.B. Amravati University, Amravati.
16	Dr. A.G. Sarap	Asst. Prof. Chemistry	Special Achievement Published Chemistry Practical Book for B.Sc.I.
17	Dr. Rajesh D. Chandrawanshi	Director of Sports & Physical Ed.	Recognized Supervisor of Sant Gadge Baba Amravati University, Amravati for Ph.D. in the Subject of Physical Education.
18	Mr. S.B. Khobragade	C.H.B. in Mathematics	Ph.D. Degree Awarded by S.G.B. Amravati University, Amravati.
19	Mr. Syed Haroon	Lecturer	Appointed as Divisional Coordinator for IT.
20	Mr. D.R. Sakhare	PG student	Qualify SET Examination in January 2018 in the subject of Mathematics.
21	Mr. Shailesh Alone	Lab Attendant	Vice President of State Level Rural Press Media.

**Dr. Rajesh D. Chandrawanshi**  
Chairman  
Achievement Committee

## AVISHKAR - RESEARCH FESTIVAL

### REPORT

List of the students selected for University Level AVISHKAR-2018 Competition

Level	UG	Category	Humanities, Language and Fine Arts	Rank
Sr.No	Name of Students	Class/Batch	Topic	
1	Rutvija Deshmukh	B.Sc.I	Effect of Kirtan on Human Behaviour	3rd

Level	UG	Category	Commerce, Management and Law	Rank
Sr.No	Name of Students	Class/Batch	Topic	
2	Yoshita Veera	B.Sc.III	Dust settler: An Economic Homemade Instrument	1st

Level	UG	Category	Agriculture and Animal Husbandry	Rank
Sr.No	Name of Students	Class/Batch	Topic	
3	Balraj Khuraniya	B.Sc.III	Assessment of Ground Water Quality	1st

Level	UG	Category	Medicine and Pharmacy	Rank
Sr.No	Name of Students	Class/Batch	Topic	
4	Apurva Shah	B.Sc.III	Herbal Solution Remedies for Dandruff	2nd

Level	UG	Category	Pure Science	Rank
Sr.No	Name of Students	Class/Batch	Topic	
5	Vasundhara Dutonde	B.Sc.III	Biodiesel Preparation from Virgin	1st

Level	UG	Category	Engineering and Technology	Rank
Sr.No	Name of Students	Class/Batch	Topic	
1	Mr. Akhilesh Puranik	B.Sc.I	Handmade Paper	
2	Mr. Nagorao S. Fulkare	B.Sc.II	Oil Spoilage Model	

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

**List of the students selected for University Level AVISHKAR-2018 Competition**

Level	PG	Category	Humanities, Language and Fine Arts	Rank
Sr.No	Name of Students	Class/Batch	Topic	
1	<b>Rohit P. Khirade</b>	M.Sc.II	Rangoli	2nd

Level	PG	Category	Commerce, Management and Law	Rank
Sr.No	Name of Students	Class/Batch	Topic	
2	<b>Kanchan Mangtani</b>	M.Sc.II	Waste Management	1st

Level	PG	Category	Agriculture and Animal Husbandry	Rank
Sr.No	Name of Students	Class/Batch	Topic	
3	<b>Krushna R. Laddha</b>	M.Sc.II	Effect of Spraying Fermented Extract	1st
4	<b>Shrutika S. Chandak</b>	M.Sc.II	Production and optimization of Cyonobacterial biofertilizer for saline belt of Vidarbha region	3rd

Level	PG	Category	Medicine and Pharmacy	Rank
Sr.No	Name of Students	Class/Batch	Topic	
5	<b>Roshni Kadam</b>	M.Sc.II	Study of antimicrobial contain in Pumpkin	3rd

**List of the students selected for State Level AVISHKAR-2018 Competition**

Level	PG	Category	Commerce, Management and Law
Sr.No	Name of Students	Class/Batch	Topic
1	<b>Kanchan Mangtani</b>	M.Sc.II	Waste Management

Level	UG	Category	Pure Science
Sr.No	Name of Students	Class/Batch	Topic
2	<b>Vasundhara Dutonde</b>	B.Sc.III	Biodiesel Preparation from Virgin

**Dr. Sushil M. Nagrale**  
Chairman  
AVISHKAR Committee

## NATIONAL CADET CORPS

### REPORT

The strength of NCC Cadets in this year is 50 cadets.

#### Strength of Cadets in year 2018-19

Year	SD	SW	NCC Cdt
I	14	09	23
II	12	02	14
III	06	07	13
<b>Total</b>	<b>32</b>	<b>18</b>	<b>50</b>

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 21<sup>st</sup> June.
- 27 NCC Cadets participated and performed Yoga on the occasion of **International Yoga Day** which is held every year on 21<sup>st</sup> June at convocation hall of Dr. PDKV, Akola.
- 12 NCC Boys Cadets & 08 NCC Girls Cadets are participated in the CATC Camp at PDKV on 20<sup>th</sup> June 2018 to 29 June 2018.
- Enrollement of NCC cadets took place on 30<sup>th</sup> July 2018. There are total 09 girl cadets and 14 boy cadets was enrolled.
- 07 NCC cadets are selected for TSC Camp at Amravati.
- 11 Cadets are participated in TSC-ATC ( Inter Batalion completion camp) Camp which held at VMV Campus, Amravati from 08<sup>th</sup> July 2018 to 18<sup>th</sup> July 2018.
- 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 9<sup>th</sup> Aug. 2018.
- 50 Cadets participated in **Independence day** Flag hosting program at Shri RLT College on 15<sup>th</sup> Aug. 2018.
- 27 cadets participated in **Tree plantation** programme in college on 15<sup>th</sup> Aug. 2018.
- 08 Cadets are participated in CATC No.111 Camp which held at VMV Campus, Amravati from 27<sup>th</sup> Aug. 2018 to 05<sup>th</sup> Sept. 2018.



## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

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- 02 Cadets participated in CATC No.112 Camp which held at VMV Campus, Amravati from 06<sup>th</sup> Sept. 2018 to 15<sup>th</sup> Sept. 2018.
- Four cadet **Shubham Shriwas, Vishal Janjal, Hitesh Joshi** and **Sangam Ambore** is selected for TSC Camp and got **Colour Coat** which was held 17<sup>th</sup> Sept. 2018 to 28<sup>th</sup> Sept. 2018 at New Delhi.
- **Shubham Shriwas** bagged **Gold medal** in inter grouping service shooting competition in CATC-TSC camp held at Amravati (**Maharashtra level**).
- **Sangam Ambhore** bagged **Gold Medal** in Map reading competition in CATC-TSC camp held at Amravati (**Maharashtra level**).
- **Shubham Shriwas, Vishal Janjal, Hitesh Joshi** has begged **Gold medal** in Inter director service shooting competition in TSC camp held at New Delhi (**National Level**).
- **Sangam Ambhore** 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 02<sup>nd</sup> Oct. 2018.
- Felicitation of **Shubham Shriwas, Vishal Janjal, Hitesh Joshi** and **Sangam Ambore (Colour Coat Holder)** was organised by the college in presence of Principal Dr. V.D. Nanoty Sir, NCC care taker Dr. R.M. Agrawal and Dr. U.K. Bhalekar, Prof. Chaudhri on 3<sup>rd</sup> Oct. 2018.
- The 16 Cadet of Shri R.L.T. College of Science Akola participated in **HIV/Aids Day Rally** which is organized by Government Medical College Akola on **1<sup>st</sup> Dec. 2018**.
- The 25 Cadet were participated in **Hot Air Balloon camp** organised by Indian Army at PDKV, Akola on dated 2<sup>nd</sup> Dec 2018.
- The 07 Cadet were participated in **Blood Donation camp** on the occasion of NCC DAY organised by 11 MAH BN NCC, Akola on dated **2<sup>nd</sup> Dec 2018**.
- The 37 cadet with C/To Dr. R.M. Agrawal were participated in **Guest Lecture** arranged on the topic “**Swachta The Way Ahead**” given by **Dr. Sudhir Kochale** in RLT College of Science Akola, on dated 13.12.2018.
- The 03 Cadet were participated in National Integration Camp (NIC) camp at Aurangabad from 17 Dec. 2018 to 28 Dec. 2018.
- On the occasion of Death Anniversary of Hon’ble former Principal. M.G. Joshi sir NCC Unit of this college organise and participated in **Blood donation Camp** in college auditorium in which 12 NCC Cadets donate blood on 24<sup>th</sup> Dec. 2018.
- 02 SW Cadet **Ashiwani Shinde** and **Pooja Mulley** won **Gold Medal** in Volleyball competition National Integration Camp (NIC) camp at Aurangabad.

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

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- 02 SD cadet participated in CATC camp which is held at Yavatmal from 3 Dec. 2018 to 12 Dec. 2018.
- 04 SD Cadet participated in Basic leadership camp (BLC) which is held at VMV campus Amravati.
- 50 Cadets participated in **Republic day** Flag hosting program at Shri R.L.T. College on 26<sup>th</sup> Jan. 2019.
- 16 Cadets appeared for B-cert exam-2019.
- 09 Cadets appeared for C-cert exam-2019.
- Organised Guest Lecture i.e. Address to the nearly 26 NCC cadet by the **Capt. Anshu Jagmohan** at R.L.T. College of Science, Akola on dated 25 Feb. 2019.

**Dr. Rohitkumar M. Agrawal**  
NCC Care Taker

## राष्ट्रीय सेवा योजना

### नियमित कार्यक्रम

### अहवाल

- **राष्ट्रीय सेवा योजना सल्लागार समिती स्थापना** : भारत सरकार युवा कार्य व खेळ मंत्रालय दिल्ली रा.से.यो. संहिता २००६ भाग -४ प्रकरण -५ मुद्दा क्रमांक ४,४,१,४,२,४,३ अन्वये रा.से.यो. विद्यापीठ कक्षाद्वारे निश्चित झालेले धोरणात्मक निर्णय कृती कार्यक्रम आराखडा आखणे तसेच नियोजन संबंधित सत्र २०१८-१९ करिता राष्ट्रीय सेवा योजना सल्लागार समितीचे गठन दि. २७ जून २०१८ (बुधवार) रोजी महाविद्यालयात रा.से.यो. अध्यक्ष महाविद्यालयाचे प्राचार्य डॉ. विजय डी. नानोटी यांच्या मार्गदर्शनात करण्यात आले. या बैठकीत नियमित कार्यक्रम व विशेष शिबीर या अंतर्गत घ्यावयाचे कार्यक्रम या विषयावर चर्चा करण्यात आली.
- **रा.से.यो. तर्फे योग दिन साजरा** : दि. २१-६-१८ स्थानिक श्री रा.ल.तो. विज्ञान महाविद्यालय अकोला येथील रा.से.यो. पथकाद्वारे २१ जून २०१८ रोजी "आंतरराष्ट्रीय योग दिन" साजरा करण्यात आला.
- **१३ कोटी वृक्ष लागवड उपक्रम** : दि. १ जुलै २०१८ (रविवार) रोजी महाराष्ट्र शासनाच्या धोरणानुसार संपुर्ण राज्यात १३ कोटी वृक्ष लागवड जुलै महिन्यामध्ये करण्यात आले. यादिवशी मोर्णा नदी काठी माननीय पालकमंत्र्यांच्या हस्ते वृक्ष लागवड करण्यात आले. यावेळी अकोल्याचे जिल्हाधिकारी मा.श्री. अस्तिक कुमार पाण्डेय यांच्या मार्गदर्शनाखाली वनविभाग व सामाजिक वनीकरण विभाग अकोला ह्यांच्या वतीने मोर्णा नदीच्या काठी वृक्ष लागवडीचा उपक्रम राबविण्यात आला. या कार्यक्रमात प्राचार्य डॉ. व्ही.डी. नानोटी, रा.से.यो. चे क्षेत्रीय समन्वयक प्रा.डॉ. सुधीर कोहचाळे, कार्यक्रम अधिकारी प्रा.डॉ. समाधान मुंडे, प्रा.डॉ. रश्मी जोशी (सावलकर), रा.से.यो. चे स्वयंसेवक आणि महाविद्यालयीन शिक्षकवृंद या वृक्ष लागवड महोत्सवात मोठ्या संख्येने सहभागी झाले होते.
- **एक दिवसीय महिला सक्षमीकरण कार्यशाळा** : दि. २० जुलै २०१८ रोजी "सायबर क्राईम एंड वूमन सेफ्टी" ह्या कार्यशाळेचे आयोजन रासेयो व अकोला जिल्हा पोलीस दल-दामिनी २ पथकाच्या संयुक्त विद्यमाने करण्यात आले होते.
- **वृक्ष रक्षाबंधन सोहळा** : दि. २७-८-२०१८ रोजी महाविद्यालयातील राष्ट्रीय सेवा योजनाच्या स्वयंसेवकांनी वृक्ष रक्षाबंधन म्हणजे राखी बांधण्याचा कार्यक्रम महाविद्यालयाच्या परिसरात आयोजित करण्यात आला होता. या कार्यक्रमाकरिता राष्ट्रीय सेवा योजनाच्या स्वयंसेवकांनी मोठ्या आकाराच्या सुंदर राख्या तयार करून महाविद्यालय परिसरातील सर्व झाडांना राख्या बांधल्या.
- **स्वच्छ भारत अभियान पंधरवाडा** : विभागीय संचालक, युवा कल्याण व क्रीडा विभाग, भारत सरकार नवी दिल्ली यांच्या पत्रानुसार महाविद्यालयातील रा.से.यो. च्या स्वयंसेवकांनी 'स्वच्छ भारत अभियान पंधरवाडा' दि. १ ते १५ ऑगस्ट २०१८ या दरम्यान महाविद्यालयात विविध कार्यक्रमांचे आयोजन करण्यात आले. यामध्ये "स्वच्छता शपथ; महाविद्यालयीन परिसर स्वच्छता, वर्ग खोल्या, प्रयोगशाळा, ग्रंथालय, बाथरूम, महाविद्यालयातील सभागृह, महाविद्यालयाच्या समोरील रस्ता व इतर परिसर ची स्वच्छता करण्यात आली; "स्वच्छ भारत अभियान पंधरवाडा; स्वच्छता पाळा रोगराई टाळा अश्या विषयावर मार्गदर्शन; बसस्थानकासमोरील नजीकच्या गांधी जवाहर उद्यानामधील

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

राष्ट्रपिता महात्मा गांधी व पंडित जवाहरलाल नेहरू या महापुरुषांच्या पुतळ्यावर पाणी मारून स्वच्छता करण्यात आली. तसेच उद्यानाच्या सर्व परिसराची स्वच्छता करण्यात आली. दि. १५-८--२०१८ (बुधवार) रोजी स्वतंत्र दिना निमित्त प्राचार्य डॉ. व्ही.डी. नानोटी यांच्या हस्ते ध्वजारोहन करण्यात आले. "स्वच्छ भारत, स्वस्थ भारत" या वाक्याचा उल्लेख करून रा.से.यो. च्या स्वयंसेवकांनी दि. १५-८-२०१८ ला "स्वच्छ भारत अभियान पंधरवाडा" संपन्न करण्यात आला.

- **शिक्षक दिन** : दि. ५-९-२०१८ रोजी भारताचे महान सुपुत्र डॉ. सर्वपल्ली राधाकृष्णन यांचा जन्मदिनाच्या निमित्ताने शिक्षक दिन साजरा करण्यात आला.
- **रा.से.यो. वर्धापन दिन** : दि. २४-९-२०१८ रोजी वर्धापन दिन साजरा करण्यात आला या दिना निमित्त स्वच्छता हीच सेवा अभियान राबविण्यात आले, यामध्ये प्रामुख्याने स्वच्छता विषयक माहितीपर पथनाट्य, रॅलीचे आयोजन, निबंध स्पर्धा, रांगोळी स्पर्धा व चित्रकला स्पर्धा घेण्यात आल्या.
- **गांधी जयंती व लाल बहादूर शास्त्री जयंती** : महात्मा गांधी व लाल बहादूर शास्त्री जयंतीनिमित्त २ ऑक्टोबर २०१८ ला रा.से.यो. च्या वतीने स्वच्छता रॅलीचे आयोजन व ठिकठिकाणी स्वच्छता पथ नाट्याचे सादरीकरण करण्यात आले.
- **संविधान सप्ताह** : दि. २४ नोव्हेंबर ते २ डिसेंबर २०१८ या दरम्यान ला रा.से.यो. पथकाद्वारे संविधान सप्ताह साजरा करण्यात आला. दि. २४ नोव्हेंबर ला संविधान वाचन करण्यात आले. संविधान चा मान राखण्या बद्दल शपथ देण्यात आली. वक्तृत्व स्पर्धा व निबंध स्पर्धा घेण्यात आल्या. विद्यार्थिनींनी सुद्धा आपल्या वक्तृत्वात भारतीय घटनेबाबत सखोल माहिती दिली.
- **जागतिक एड्स दिवस - रेड रिबन क्लब ची स्थापना** : १ डिसेंबर २०१८ जागतिक एड्स दिवसचे औचित्य साधून 'रेड रिबन क्लब' ची स्थापना व गठन करण्यात आले. कार्यक्रमाचे अध्यक्ष प्राचार्य डॉ. व्ही.डी. नानोटी यांनी विद्यार्थ्यांना समाजात एड्स बद्दल जनजागृती करावयास उद्बोधित केले.
- **D.M.C. ची कार्यशाळा** : दि. १४-१२-२०१८ रोजी संत गाडगेबाबा विद्यापीठ अमरावतीमध्ये DMC ची एक दिवसीय कार्यशाळा घेण्यात आली. रा.से.यो. चे क्षेत्रीय समन्वयक डॉ. सुधीर कोहचाले ह्यांनी रेसोर्स पर्सन म्हणून कार्य केले. ८ ते १० वेगवेगळ्या ठिकाणी DMC च्या कार्यशाळा घेण्यात आल्या. श्री. रा.ल.तो. विज्ञान महाविद्यालयातील हे पथक आहे विद्यापीठातील हे सर्वात पहिले गठीत केलेले एकमात्र पथक आहे.
- **रा.से.यो. चे विशेष शिबीर** : रा.से.यो. पथकाचे विशेष शिबीर १६ ते २३ डिसेंबर २०१८, ग्राम आपोती (खुर्द) येथे घेण्यात आले. शिबिरात १०० स्वयंसेवक होते त्यापैकी ५७ मुली व ४३ मुलांनी सहभाग घेतला. गावकऱ्यांमध्ये स्वच्छते विषयी आणि पाणी संवर्धन करण्याबाबत जनजागृती करण्यात आली. महिला मेळाव्यात कार्यक्रम अधिकारी डॉ. रश्मी जोशी सावलकर ह्यांनी गावातील मुलींना व महिलांना अगरबत्ती बनविण्याचे व कागदापासून पिशव्या बनविण्याची कार्यशाळा घेतली जेणेकरून घरगुती उद्योग महिलांना मिळावे. रा.से.यो. पथकाने वनराई बंधारा बांधून व गाव स्वच्छता करीत गाव फेरी काढून श्रमदान केले.
- **रक्तदान शिबीर** : दिनांक २४-१२-२०१८ ला रा.से.यो. पथकाद्वारे श्री रा.ल.तो. विज्ञान महाविद्यालयात माननीय प्राचार्य श्री म.गो. जोशी ह्यांच्या स्मृति प्रित्यर्थ रक्तदान शिबिराचे आयोजन दरवर्षी करण्यात येते. ३७ रक्तदात्यांनी ह्या शिबिरात रक्तदान केले.

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

- **मोर्णा महोत्सव** : जिल्हाधिकारी कार्यालय अकोलाच्या वतीने २९-१२-२०१८ ला मोर्णा महोत्सवाचे आयोजन करण्यात आले होते. रोसेयोच्या विद्यार्थीनीच्या व शिक्षकांनी, कार्यक्रम अधिकारी डॉ. रश्मी जोशी ह्यांच्या मार्गदर्शनाखाली मोर्णा महोत्सवात गीत गायन व नृत्य द्वारा आपला सहभाग नोंदविला.
- **रस्ता सुरक्षा अभियान** : दि. ८-१-२०१९ रोजी महाविद्यालयात अकोला शहर वाहतूक शाखेचे श्री. विलास पाटील ह्यांनी विद्यार्थ्यांना मार्गदर्शन केले. अकोला जिल्हा पोलीस अधीक्षक श्री. एम. कलासागर ह्यांच्या संकल्पनेतून हा अभियान राबविण्यात आला. रस्त्यावर सुरक्षा कशी ठेवावी, अपघात झाल्यास काय करावे याबद्दलचे धडे दिले.
- **जिल्हा विशेष शिबिर** : श्री रा.ल.तो. विज्ञान महाविद्यालयाच्या तीन विद्यार्थिनी कु. प्रगती नवलकर, कु. मनिषाकुमारी गुडधे आणि कु. स्नेहल गावंडे ह्या १८ ते २५ जनवरी २०१९ या दरम्यान आयोजित विद्यापीठस्तरीय जिल्हानिहाय शिबिरात ग्राम सोनाला येथे सहभागी झाल्या.
- **अकोला पक्षी निवडणूक** : दि. १९-१-२०१९ रोजी अकोला निवडणूक कार्यालय व निसर्गकट्टा ह्यांच्या संयुक्त विद्यमाने अकोल्याचा पक्षी निवडण्यासाठी एक आगळीवेगळी "पक्षी निवडणूक" शहराच्या प्रत्येक शाळेत व महाविद्यालयात घेण्यात आली. श्री रा.ल.तो. महाविद्यालयात विक्रमी मतदान झाले. रिंगणात पांच पक्षी उमेदवार होते, प्रत्येक उमेदवाराचे प्रचार करण्याकरिता पांच विद्यार्थ्यांची नेमणूक केली गेली. गाय बगळा हा पक्षी निवडून आला. श्री रा.ल.तो. विज्ञान महाविद्यालयाची विद्यार्थिनी कु. आरती कडू हिला उत्कृष्ट प्रचार केल्याबद्दल अकोला जिल्हाधिकारी कार्यालयात गौरविण्यात आले.
- **राष्ट्रीय मतदान दिन** : दि. २५-१-२०१९ रोजी जिल्हाधिकारी अकोलाच्या वतीने राष्ट्रीय मतदान दिनानिमित्त रॅली काढण्यात आली. ह्या रॅलीमध्ये श्री रा.ल.तो. महाविद्यालयाचे रा.से.यो. चमूनी सहभाग नोंदविला व नारे लावत आणि पोस्टर्स च्या माध्यमांनी जनजागृती केली.
- **संत गाडगेबाबांच्या दुर्मिळ छायाचित्रांची प्रदर्शनी** : दि. ४-२-२०१९ रोजी संत गाडगे बाबा अमरावती विद्यापीठाच्या अध्यासन केंद्राच्या वतीने श्री रा.ल.तो. महाविद्यालयात गाडगे बाबांच्या दुर्मिळ छायाचित्रांच्या प्रदर्शनीचे आयोजन करण्यात आले होते. ह्या प्रदर्शनीचे उद्घाटक म्हणून माननीय श्री. दिलीपजी काळे, रा.से.यो. सल्लागार समिती सदस्य तसेच दिरेक्टर "गाडगे बाबा अध्यासन केंद्र" अमरावती विद्यापीठ हे होते.
- **रस्ता सुरक्षा सप्ताह २०१९** : रस्ता सुरक्षा सप्ताहनिमित्त पथनाट्याचे सादरीकरण ८ फेब्रुवारी २०१९ रोजी स्थानिक श्री रा.ल.तो. विज्ञान महाविद्यालय अकोला चे रा.से.यो. पथक व जिल्हा उप प्रादेशिक वाहन कार्यालय यांचे संयुक्त विद्यमाने रस्ता सुरक्षा अभियानाचे निमित्त जनजागृती अभियान राबविण्यात आले. या अभियाना अंतर्गत रा.से.यो. स्वयंसेवकांद्वारे पथनाट्याचे आयोजन व सादरीकरण शहरातील विविध ठिकाणी प्रामुख्याने रेल्वे स्थानक, बस स्थानक, सिटी कोतवाली, गांधी रोड तसेच महाविद्यालयात सादरीकरण करण्यात आले. रस्ता सुरक्षा सप्ताहाच्या शेवटच्या दिवशी दि. १२-२-२०१९ रोजी रांगोळी स्पर्धा आणि घोषवाक्य स्पर्धेचे आयोजन रा.से.यो. च्या महिला कार्यक्रम अधिकारी डॉ. रश्मी जोशी सावलकर ह्यांच्या मार्गदर्शनाखाली करण्यात आले व दोन्ही स्पर्धाकापैकी १ले, २रे व ३ रे पारितोषिक देण्यात आले.
- **रा.से.यो. व DMC सहल** : दिनांक २१-२-२०१९ ला रा.से.यो. व DMC च्या विद्यार्थ्यांची सहल पातुर तलाव, वन्य प्राण्यांचे इंटरप्रिटेशन केंद्राला नेण्यात आली. ह्या सहली दरम्यान वन्यजीव संरक्षण आणि विविधता बद्दल धडे देण्यात आले.

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

- **मतदान जनजागृती शपथ** : श्री संत गाडगे बाबा विद्यापीठ रा.से.यो. पथकाकडून मिळालेल्या पत्रानुसार ज्या विद्यार्थ्यांची मतदार यादीत नव्याने नोंद झाली आहे अश्या विद्यार्थ्यांना दि. ०३-०३-२०१९ ला मतदान जनजागृती पर शपथ देण्यात आली, कि ते स्वतः मतदान करतील व इतर नागरिकांना सुद्धा मतदानाचा हक्काबद्दल माहिती देतील व मतदान करून आपले भारतीय नागरिक होण्याचे कर्तव्य पूर्ण करतील. माननीय प्राचार्य डॉ. व्ही.डी. नानोटी ह्यांनी विद्यार्थ्यांकडून ही शपथ घेतली.
- **दोन दिवसीय महिला सक्षमीकरण कार्यशाळेत सहभाग** : दि. २५ व २६ मार्च २०१९ ला अमरावती विद्यापीठाच्या रा.से.यो. कार्यालय द्वारे दोन दिवसीय महिला सक्षमीकरण कार्यशाळा घेण्यात आली. ह्या कार्यशाळेत श्री रा.ल.तो. विज्ञान महाविद्यालयातील रा.से.यो. च्या दोन विद्यार्थ्यांनी कु. शिवानी गंगमवार व कु. अंकिता गजभिये ह्यांनी आपला सहभाग नोंदविला. महिलांनी कसे सक्षम व्हावे व प्रत्येक कार्यात त्यांचा सहभाग व्हावा त्याकरिता कार्यशाळेत त्यांना मनोबल वाढविण्याकरिता धडे देण्यात आले.
- **रा.से.यो. समारोप** : दि. ३१-३-२०१९ रोजी रा.से.यो. समारोपीय कार्यक्रमाचे आयोजन करण्यात आले. कार्यक्रम अधिकारी यांनी विस्तृत अहवाल वाचन केले. रा.से.यो. समारोपीय कार्यक्रम महाविद्यालयाचे प्राचार्य डॉ. नानोटी सर यांच्या अध्यक्षतेत पार पडला.

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

## राष्ट्रीय सेवा योजना

विशेष शिबीर - ग्राम आपोती (खुर्द)

### शिबीर अहवाल

(दि. १६ डिसेंबर २०१८ ते २३ डिसेंबर २०१८)

दि. १६-१२-२०१८ (रविवार) :

ग्राम आपोती (खु.) येथे दिनांक १६-१२-२०१८ रोजी विद्यार्थ्यांचे आगमन, यानंतर विद्यार्थ्यांची नोंदणी व पूर्वतयारी करण्यात आली. सर्वप्रथम कार्यक्रम परिसर कर्मयोगी बाबासाहेब आपोतीकर विद्यालय येथे स्वच्छता करण्यात आली. तसेच गावकऱ्यांसोबत चर्चा व प्रकल्पांची पाहणी करण्यात आली. "स्वच्छ भारत स्वस्थ भारत" अभियान अंतर्गत ग्राम आपोती (खु.) येथे राबविण्यात येणाऱ्या उपक्रमाची व कार्यक्रमाची माहिती कार्यक्रम अधिकाऱ्यांनी गावकऱ्यांना दिली.

दि. १७-१२-२०१८ (सोमवार) :

ग्राम आपोती (कु.) येथे श्री रा.ल.तो. विज्ञान महाविद्यालयाच्या राष्ट्रीय सेवा योजनेच्या शिबिराचे उद्घाटन १७ डिसेंबर २०१८ रोजी पार पडले. या कार्यक्रमाच्या उद्घाटन प्रसंगी अध्यक्ष म्हणून मा.डॉ. आर.बी. हेडा (दंतशल्य चिकित्सक तथा अध्यक्ष दि बी.जी.ई. सोसायटी, अकोला) हे उपस्थित होते व उद्घाटक म्हणून क.शि.प्र. संस्था आपातापा चे अध्यक्ष श्री. दामोदर कडू उपस्थित होते. मा.अॅड. श्री. मोतीसिंहजी मोहता (मानद सचिव दि बी.जी.ई. सोसायटी, अकोला) व मा.डॉ. व्ही.डी. नानोटी (प्राचार्य श्री रा.ल.तो. विज्ञान महाविद्यालय, अकोला हे प्रमुख पाहुणे म्हणून कार्यक्रमाचे उद्घाटनास लाभले होते. कार्यक्रमाची शोभा वाढविण्यास इतर मान्यवर सुद्धा उपस्थित होते. सौ. लक्ष्मीताई संजय घुसे (सरपंच), डॉ. उमेशराव वि. बोपटे (उपसरपंच), श्री. कैलासराव वि. अपोतीकर (पोलीस पाटील), डॉ. शांतारामजी बुटे (संस्थापक क.शि.प्र. संस्था आपातापा) हे सुद्धा उपस्थित होते.

पहिल्या 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 रासेयो शिबिरार्थी मोठ्या संख्येने उपस्थित होते.

दिनांक १८-१२-२०१८ (मंगळवार) :

तिसऱ्या दिवसाच्या सकाळच्या सत्रात प्रार्थना, स्फूर्तीगीते व रॅलीचे आयोजन करण्यात आले आणि त्याचबरोबर श्रमदानाकरिता गावातील नाल्यावर जागा पाहून वनराई बंधारा बांधण्याचे कामाला सुरुवात करण्यात आली. या शिबिरात श्री रा.ल.तो. विज्ञान महाविद्यालयाच्या आपती व्यवस्थापन कक्षाचे समन्वयक व रासेयोचे क्षेत्रीय समन्वयक डॉ. सुधीर कोहचाळे यांनी आपल्या प्रशिक्षित स्वयंसेवकांसोबत प्रात्यक्षिके दाखवत आपतीला न डगमगता कशाप्रकारे सामोरे जाता येऊ शकते याबद्दल मार्गदर्शन केले.

दुपारच्या बौद्धिक सत्रात श्री रा.ल.तो. विज्ञान महाविद्यालयाचे प्रा.डॉ. हरीश मालपाणी (सूक्ष्मजीवशास्त्र विभाग) "AIDS समज व गैरसमज" या विषयावर उद्बोधन करण्यासाठी शिबिरार्थींना लाभले होते.

"आपले विश्व" या विषयावर उद्बोधन करण्याकरिता श्री रा.ल.तो. विज्ञान महाविद्यालयाचे प्रा. शैलेश जयस्वाल (भौतिकशास्त्र विभाग) हे आले होते. त्यांनी विद्यार्थ्यांना आपले विश्व, ब्रह्मंड, आकाशगंगा याविषयी माहिती दिली. तसेच

## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

ग्रह-तारे व नत्रक्षां विषयी माहितीसुद्धा त्यांनी शिबिरार्थींना दिली. सायंकाळच्या सत्रात प्रमुख वक्त्या म्हणून डॉ. स्वप्ना लांडे यांचे 'वैज्ञानिक दृष्टीकोन व जादूटोणा विरोधी कायदा' या विषयी मार्गदर्शन लाभले.

**दि. १९-१२-२०१८ (बुधवार) :**

चौथ्या दिवसाच्या सकाळच्या सत्रात प्रार्थना, स्फूर्तीगीते त्याचबरोबर प्राणायामाचे धडे मा. संजय हेडाऊ सर यांनी दिले व स्वच्छता रॅलीचे आयोजन करण्यात आले आणि त्याचबरोबर गावातील नाल्यावर जाऊन वनराई बंधाराचे श्रमदान करण्यात आले. दुपारच्या सत्रात गावातील गावकरींसाठी उन्नत भारत अभियानांतर्गत शेतीपूरक मस्त्यव्यवसाय मार्गदर्शन कार्यशाळेचे आयोजन करण्यात आले होते. कार्यशाळेमध्ये श्री. सुरेश आर. भारती (सहा. आयुक्त मस्त्यव्यवसाय) यांनी मस्त्यव्यवसाय शेतीपूरक जोड धंदा व रोजगार संधी या विषयावर मार्गदर्शन केले आणि त्याचबरोबर श्री. दिनेश घोषे यांनी शासनाच्या विविध योजनांची माहिती दिली आणि अक्यरिअम बांधणी कशी करायची याचे प्रात्यक्षिक करून दाखवले.

'ताण-तणाव मुक्तीचे व्यवस्थापन' या विषयावर मार्गदर्शनासाठी श्रीमती ल.रा.तो. वाणिज्य महाविद्यालयाचे प्रा.डॉ. महेश डाबरे हे आले होते.

**दि. २०-१२-२०१८ (गुरुवार) :**

गावातील महिलांसाठी 'महिला मेळाव्याचे' आयोजन करण्यात आले होते. या कार्यशाळेमध्ये सुंदर माझे आंगण ही रांगोळी स्पर्धा घेण्यात आली आणि गावातील महिलांना दैनंदिन जीवनामध्ये स्वतःच्या प्रकृतीची काळजी कशी घेतली पाहिजे या विषयावर मार्गदर्शन करण्यात आले तसेच लघु उद्योग कार्यक्रमांतर्गत पेपर बॅग्स बनवणे यावर कार्यशाळा घेण्यात आली.

दुपारी ३.०० वा. व्यसनमुक्ती आंदोलन या कार्यक्रमासाठी डॉ. अजय उपाध्याय हे मार्गदर्शक म्हणून लाभले होते. तरुण वयातच या व्यवसायांना 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. व्यसनमुळे होणारी शरीराची हानी कशी न भरून काढण्यासारखी असते हे सांगत व्यसनांपासून दूर राहण्याचे शिबिरार्थींना आवाहन केले.

आजघडीला भारतीय अर्थव्यवस्थेसमोरील सर्वात मोठे आणि महत्वाचे आव्हान म्हणजे रुपयाचे अवमूल्यन किंवा घसरण. हाच मुद्दा धरून डॉलरच्या तुलनेत रुपयाची घसरण का होते व घसरण झाल्यामुळे अर्थव्यवस्थेवर काय परिणाम होतात, याबद्दल श्री. विजय रुईवाले यांनी सखोल मार्गदर्शन केले.

**दि. २१-१२-२०१८ (शुक्रवार)**

विद्यार्थ्यांसाठी 'विद्यार्थी 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 'सायबर क्राइम आणि विद्यार्थी' या विषयावर विद्यार्थ्यांना मार्गदर्शन केले.

सायंकाळच्या सत्रात 'कायदेविषयक मार्गदर्शन' ह्या कार्यक्रमाचे आयोजन करण्यात आले होते. या कार्यक्रमाच्या अध्यक्षस्थानी संस्थेचे मानद सचिव मा.अॅड. मोतीसिंहजी मोहता तर मार्गदर्शक म्हणून न्यायाधीश मा. अमित कोकरे, जिल्हा विधी सेवा प्राधिकरण प्रभारी सचिव न्यायाधीश मा.डी.एस. दाभाडे, मा. के.पी. डवणे व मा.जे.व्ही. मस्के, मा. दामोदर कडून, मा. अनिल तापडिया, प्राचार्य मा.डॉ. विजय नानोटी, उपसरपंच मा. उमेश बोपटे, पोलीस पाटील मा. कैलासराव अपोतीकर आदी उपस्थित होते.

**दि. २२-१२-२०१८ (शनिवार) :**

सातव्या दिवसाच्या सकाळच्या सत्रात प्रार्थना, प्राणायाम, वेगवेगळे योगासने सौ. विभा पाटील मॅडम यांनी करून



## श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

दाखवले आणि शिबिरार्थींनी सुद्धा केले आणि त्याचबरोबर श्रमदानाकरिता गावातील लोणार नाल्यावर जाऊन बंधाराचे जवळपास ५० फूट लांब, ३.५ फूट उंच आणि ४ फूट रुंद वनराई बंधाराचे काम पूर्ण करण्यात आले. हा बंधारा बांधताना गावातील सरपंच सौ. लक्ष्मीताई घुसे, उपसरपंच डॉ. उमेश बोपटे ग्रामपंचायत सदस्यांची त्याचप्रमाणे गावातील मंडळींचे सहकार्य लाभले. या वनराई बंधान्याचे आर्थिक मुल्यांकन जवळपास ४०,०००/- ते ५०,०००/- काढण्यात आले आहे. या शिबिराचा बंधारा बांधण्याचा मुख्य उद्देश म्हणजे सर्व गावातील गुरांना पिण्याचे पाणी, गावातील लोकांसाठी पिण्याचे पाणी, शेतीला पाणी या हेतूने एक छोटा तलावावर वनराई बंधारा बांधून पाणी अडवण्यात आले आहे आणि या वनराई बंधाराचा लाभ सर्व गावकऱ्यांना होत आहे.

“आम्ही व आमचे संविधान” या विषयावर मार्गदर्शनासाठी श्री रा.ल.तो. विज्ञान महाविद्यालयाचे प्रा. विनोद देवताळे (रसायनशास्त्र विभाग) हे आले होते. भारतीय संविधान समजावून सांगताना त्यांनी इतिहासातील घडामोडींचा सविस्तरपणे आढावा घेतला. भारतीय संविधान तयार करण्यासाठी डॉक्टर बाबासाहेब आंबेडकर यांनी घेतलेल्या अथक परिश्रमांवरही त्यांनी प्रकाश टाकला.

“आधुनिक तंत्रज्ञान व पर्यावरणाचा न्हास” ह्या विषयावर मार्गदर्शनासाठी श्री शिवाजी कला वाणिज्य व विज्ञान महाविद्यालयाचे प्रा. डॉ.आय.ए. राजा आले होते. 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.

या दिवशीचे शेवटचे सत्र सांस्कृतिक कार्यक्रमांचे होते. या कार्यक्रमात बहुतांशी स्वयंसेवकांनी सहभाग घेतला. शिबिरार्थींनी गीत-गायन, नृत्य आणि नाटिका सादर केल्या. एका पेक्षा एक दर्जेदार कार्यक्रमांनी या संध्येला रंगत आली. सांस्कृतिक कार्यक्रमांना गावकऱ्यांची मोठ्या प्रमाणात उपस्थिती होती.

**दि. २३-१२-२०१८ (रविवार) :**

२३ डिसेंबर रोजी दुपारच्या सत्रात रासेयोच्या विशेष शिबिराचा समारोप कार्यक्रम पार पडला. या कार्यक्रमाला अध्यक्षस्थानी मा.डॉ. व्ही.डी. नानोटी (प्राचार्य, श्री रा.ल.तो. विज्ञान महाविद्यालय, अकोला) हे लाभले होते. तसेच मा.श्री. सत्यनारायणजी बाहेती (कार्य. सदस्य, दि बी.जी.ई. सोसायटी, अकोला), मा.डॉ. संजय तिडके (जिल्हा समन्वयक, रासेयो, अकोला), मा.डॉ. सुधीर कोहचाळे (क्षेत्रीय समन्वयक, रासेयो, अकोला) या मान्यवरांची प्रमुख उपस्थिती होती. कार्यक्रम अधिकारी प्रा.डॉ. समाधान एल. मुंडे व प्रा.डॉ. रश्मी पी. सावलकर तसेच सह-कार्यक्रम अधिकारी प्रा. शैलेश आर. जयस्वाल व प्रा. सोनाली एन. गवांदे हे देखील उपस्थित होते.

विशेष शिबिर ग्राम आपोती (खु.) या आठ दिवसीय शिबिराचा विस्तृत अहवाल कार्यक्रम अधिकारी डॉ. समाधान मुंडे यांनी प्रस्तुत केला. समारोपीय कार्यक्रम हा विशेषतः विद्यार्थ्यांचे मनोगत आणि सत्काराचा असतो म्हणून या ठिकाणी काही विद्यार्थ्यांनी आपले मनोगत व्यक्त केले.

**डॉ. समाधान एल. मुंडे**  
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कार्यक्रम अधिकारी  
राष्ट्रीय सेवा योजना

## चित्रबिंब



रा.से.यो. कार्यक्रम अधिकारी व स्वयंसेवक  
मा.श्री.डॉ. रणजीतजी पाटील यांच्यासोबत  
वृक्ष लागवड करतांना.



वृक्ष रक्षाबंधन उपक्रमामध्ये सहभागी रा.से.यो.  
कार्यक्रम अधिकारी व स्वयंसेवक



स्वच्छ भारत अभियान पंधरवाडा अंतर्गत महाविद्यालयाचा परिसर  
स्वच्छ करतांना रा.से.यो. कार्यक्रम अधिकारी व स्वयंसेवक



रा.से.यो. स्वयंसेवक रस्ता सुरक्षा सप्ताहानिमित्त  
पथनाट्य सादर करतांना



रा.से.यो. द्वारा आयोजित युवा संसद कार्यक्रम



रस्ता सुरक्षा अभियान अंतर्गत सहभागी अकोला शहर वाहतुक शाखा  
प्रमुख श्री. विलास पाटील, प्राचार्य, रा.से.यो. पदाधिकारी व स्वयंसेवक



राष्ट्रीय मतदान रॅलीमध्ये सहभागी रा.से.यो.  
कार्यक्रम अधिकारी व स्वयंसेवक



स्व.प्राचार्य म.गो. जोशी यांच्या स्मृति दिनानिमित्त आयोजित  
शिबीरामध्ये रा.से.यो. स्वयंसेवक रक्तदान करतांना

## चित्रबिंब



रा.से.यो. विशेष शिबीर ग्राम आपोती उद्घाटन कार्यक्रम



रा.से.यो. विशेष शिबीर अंतर्गत ग्राम आपोती येथे स्वच्छता अभियान राबवितांना रा.से.यो. स्वयंसेवक



रा.से.यो. विशेष शिबीर अंतर्गत ग्राम आपोती येथे बंधारा बांधतांना रा.से.यो. स्वयंसेवक



रा.से.यो. विशेष शिबीर अंतर्गत ग्राम आपोती येथे श्रमदान करतांना रा.से.यो. स्वयंसेवक



रा.से.यो. विशेष शिबीर ग्राम आपोती येथे मा. विशाल मोरे व मा. गोपाल मुकुंदे (दामिनी पथक, अकोला पोलीस) द्वारा आयोजित कार्यक्रम 'Cyber Crime & Students'



रा.से.यो. विशेष शिबीर ग्राम आपोती येथे वैज्ञानिक दृष्टीकोन व जादुटोणा विरोधी कायदा या विषयावर मार्गदर्शन करतांना डॉ. स्वप्ना लांडे



रा.से.यो. विशेष शिबीर ग्राम आपोती येथे उन्नत भारत अभियान अंतर्गत आयोजित शेतीपूरक मत्स्यव्यवसाय कार्यशाळा



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

**‘माय हेल्थ माय रिस्पॉन्सिबीलीटी’  
राज्यस्तरीय चर्चासत्र व शिक्षकांची कार्यशाळा**

श्री रा.ल.तो. विज्ञान महाविद्यालयात दि. २८ फेब्रुवारी रोजी राष्ट्रीय विज्ञान दिनानिमित्त ‘माय हेल्थ माय रिस्पॉन्सिबीलीटी’ या विषयावर राज्यस्तरीय चर्चासत्र व शिक्षकांची कार्यशाळा संपन्न झाली. कार्यक्रमाला उद्घाटक तथा अध्यक्ष म्हणून दि बेरार जनरल एज्युकेशन सोसायटीचे अध्यक्ष डॉ. आर.बी. हेडा हे लाभले. मुख्य उपस्तीत मायक्रोबॉयलॉजीस्ट सोसायटी इंडियाचे अध्यक्ष, डॉ. अ.एम. देशमुख, दि बी.जी.ई. संस्थेचे मानद सचिव अॅड. मोतीसिंहजी मोहता होते. यावेळी मंचावर बी.जी.ई. सोसायटी सहसचिव, शरद चवरे, कार्यकारीणी सदस्य डॉ. सत्यनारायण बाहेती, अनिलकुमार तापडिया, अभिजीत परांजपे, प्राचार्य डॉ. विजय नानोटी, प्राचार्य डॉ. श्रीप्रभू चापके, चिखली येथील प्राचार्य डॉ. अनिल गारोडे, लातूर येथील प्राचार्य डॉ. अवस्थी, नांदेड विद्यापीठाचे माजी अधिष्ठाता डॉ. वक्ते, डॉ. डी.एस. तांबेकर व डॉ. झिया खान आदी उपस्थित होते. चर्चासत्राचे उद्घाटन डॉ. आर.बी. हेडा यांच्या हस्ते झाले. या चर्चासत्राला सुमारे ३२५ विद्यार्थी, प्राध्यापक, संशोधक यांची उपस्थिती लाभली. अमरावती विद्यापीठ परिक्षेत्रातील अकोला, अमरावती, यवतमाळ, वाशिम, बुलढाणा यासह महाराष्ट्रातील पुणे, नाशिक, चिखली, नांदेड, जालना, मेहकर, औरंगाबाद आदी ठिकाणाहून विद्यार्थी व प्राध्यापक मोठ्या संख्येने उपस्थित होते. महाविद्यालयातील सुक्ष्मजीवशास्त्र विभाग व आय.क्यु.ए.सी. सेलच्या वतीने या चर्चासत्र व शिक्षक कार्यशाळेचे आयोजन करण्यात आले. या कार्यक्रमाचे प्रास्ताविक प्रा.डॉ. हरिष मालपाणी यांनी केले. त्यांनी माझे आरोग्य आणि माझी जबाबदारी या चर्चासत्राचे आयोजन करण्यामागचा उद्देश विशद केला. तर स्वागतपर भाषणात प्राचार्य डॉ. विजय नानोटी यांनी महाविद्यालय विद्यार्थ्यांच्या विकासासाठी काम करणार महाविद्यालय असून महाविद्यालयाचा नावलौकिक संपूर्ण विदर्भात नव्हे तर महाराष्ट्रात उंचाविला व आज इवल्याश्या झाडाचे वटवृक्षात रूपांतर झाल्याची माहिती दिली. डॉ. अ.एम. देशमुख यांनी चर्चासत्र असो वा आंतरराष्ट्रीय, राष्ट्रीय, राज्यस्तरीय कार्यशाळा या यशस्वी होण्यामागे त्या महाविद्यालयाचा व्यवस्थापनाचा मोठा वाटा असतो असे नमूद केले. तर मानद सचिव अॅड. मोतीसिंह मोहता यांनी युद्धक्षेत्रातील विज्ञानाच्या प्रगतीचे उदाहरण देताना सर्वच क्षेत्रातील प्रगतीसाठी विज्ञान वरदान ठरल्याची माहिती दिली. यावेळी प्रा.डॉ. पी.पी. देवहाते, डॉ. एस.एम. नगराळे, डॉ. अंजली सांगोळे यांनी संपादित केलेल्या सायन्स मॅगझिनचे पाहुण्यांच्या हस्ते विमोचन करण्यात आले. तसेच सुक्ष्मजीवशास्त्र विषयातील चिखली येथील वरिष्ठ प्राध्यापक प्रा. के.डी. पेंशनवार हे सेवानिवृत्त होत असल्यामुळे त्यांचा सत्कार करण्यात आला. आपल्या अध्यक्षीय भाषणात डॉ. आर.बी. हेडा यांनी आम्ही केवळ कर्तव्य आणि अधिकाराची लढाई लढत आहोत या पलिकडे जावून समाजामध्ये परिवर्तन आणावयाचे झाल्यास शिक्षकच ते परिवर्तन आणू शकतात, शिक्षक समाजाचा कणा आहेत, तसेच आपण आपल्या जीवनशैली व आहाराविषयी सजग राहिल्यास या चर्चासत्राचे खऱ्या अर्थाने फलित होईल असे मत व्यक्त केले. उद्घाटन सत्राचे संचालन प्रा.डॉ. सुधिर कोहचाळे यांनी तर आभार प्रदर्शन प्रा.डॉ. उमेश भालेकर यांनी केले.

डॉ. ऐ.एम. देशमुख यांनी बिजभाषण दिले तर गेस्ट लेक्चरमध्ये डॉ. शिवा आयथॉल यांनी अभ्यासपूर्ण माहिती दिली. समारोपिय कार्यक्रमाचे अध्यक्षस्थानी डॉ. अ.एम. देशमुख होते. या सत्रामध्ये यु.जी. पोस्टर प्रेझेंटेशनमध्ये शिवाजी महाविद्यालय, अकोला येथील सागर दुबे याने प्रथम क्रमांक, आदर्श महाविद्यालय, धामणगांव येथील विरल चंद्राना हिने द्वितीय तर श्री आर.एल.टी. विज्ञान महाविद्यालयाची पल्लवी सोनोने हिने तृतीय क्रमांक पटकाविला. तसेच पी.जी. सेमिनारमध्ये अमरावती विद्यापीठातील योगेश बेले याने प्रथम क्रमांक, शिवाजी महाविद्यालय, अकोला येथील निवेदिता धुर्डे हिने द्वितीय तर एच.पी.टी. महाविद्यालय, नाशिक येथील प्रियंका नलावडे हिने तृतीय क्रमांक पटकाविला. या कार्यक्रमाचे संचालन डॉ. सुधिर कोहचाळे यांनी केले. तर आभार डॉ. हरीष मालपाणी यांनी मानले. या कार्यक्रमाच्या यशस्वीतेकरीता कार्यक्रम आयोजक डॉ. विजय नानोटी यांच्या मार्गदर्शनाखाली डॉ. यु.के. भालेकर, डॉ. हरीष मालपाणी, प्रा. सोनाली गवांदे यांचेसह डॉ. राजेश चंद्रवंशी, डॉ. पूनम अग्रवाल, एम.आर. उबाळे, डॉ. आर.एल. रहाटगांवकर, डॉ. अ.जी. सरप, प्रा.आर.डी. चौधरी, प्रा. जैस्वाल, के.वाय. पाटील, विजय अळणे, दिपक वानखडे, चंद्रकांत अहिरकर, साहेबराव सोळंके, आनंदा गवळी व महाविद्यालयातील शिक्षक तथा शिक्षकेतर कर्मचाऱ्यांनी अथक परिश्रम घेतलेत.

**डॉ. हरीष मालपाणी**  
आयोजक सचिव

**डॉ. विजय दि. नानोटी**  
संयोजक व प्राचार्य

## WORKSHOP ON CYBER CRIME & WOMEN'S SAFETY

The district level one day workshop on Cyber Crime & Women's Safety was organized by the NSS team of Shri R.L.T. Science College, Akola. The coordinator of the workshop was Dr. Rashmi P. Joshi (Sawalkar). The Chairperson of the workshop was Hon. Dr. R.B. Heda, President, The B.G.E. Society, Akola the Chief-guest of the programme was Hon. Adv. Motisinghji Mohta, Honourary Secretary, The B.G.E. Society, Akola and Shri Vijaykantji Sagar, Additional S.P., Akola. Dr. Sanjay Tidke, District coordinator N.S.S. Akola, Miss. Chaya Wagh, P.S.I. and Chief of Damini Squad, Akola, Mr. Vishal Morey and Mr. Gopal Mukunde, S.W.A.S. Team, Akola Police were the speakers of the programme. The Welcome speech was delivered by respected Principal, Dr. V.D. Nanoty and Hon. Chief Guest, Mr. Vijaykantji Sagar, Additional Superintendent of Police, Akola Dist. delivered his introductory speech and gave his valuable guidance to the students about women empowerment and safety. Mr Vishal More and Mr. Gopal Mukunde delivered their lectures on the topics "**Social Media and Students**" and "**The Precautionary Measures while using Social media**". Miss. Chaya Wagh, P.S.I. speaks on "**Good Touch-Bad Touch**". She aware the girl students by giving them many examples and told them about the precautions to be taken for sexual harassments, eve teasing and about the 'POSCO Act, 2012'. About 265 participants were registered. The Akola District Police Dal Inaugurated "JANANI 2" Campaign on 11<sup>th</sup> of July 2018 and to aware the students the NSS Team of our college organized the workshop, for which I got felicitated by the hands of Hon. State Minister Dr. Ranjitji Patil Sir, in the Valedictory Function of "JANANI 2".

**Dr. Rashmi P. Joshi (Sawalkar)**  
Coordinator

**Workshop on  
EUREKA  
(Emerging Universe of Research Education & Knowledge Ascent)**

Shri R.L.T. College of Science, Akola, State Institute of Science Education, Nagpur, Department of Education (Sec.), Z.P. Akola and Akola District Science Forum jointly organized a one Day Workshop EUREKA (Emerging Universe of Research Education & Knowledge Ascent) for High School students and teachers on 13<sup>th</sup> March 2019. Total 118 students and 30 teachers participated in the event. Principal Dr. V.D. Nanoty presided over the programme while Dinesh Tarole, Deputy Education Officer, inaugurated the workshop. Dr. Ravindra Bhaskar, coordinator of Akola District Science Forum delivered welcome speech and opening remark. Principal Dr. Nanoty said that students should develop scientific attitude. Prof. Dattaraj Vidyasagar, Dr. Sanjay Tidke (Dist. Coordinator of NSS), Prof. Shailesh Jaiswal, Vishal More (Damini Squad member) were the resource persons. They guided on topic 'Internet Awareness', 'Superstitions & Science', 'Know Our Universe' and 'Cyber World & Security' respectively. Mr. Prakash Mukund, Education Officer, guided the participants. Laboratory visits were arranged for participants. Science Aptitude Test was conducted. Winners of Science Aptitude Test were felicitated.

Dr. Sudhir Kohchale and Prof. Shailesh Jaiswal conducted the proceedings whereas Madhav Munshi, Principal, New English High School, proposed a vote of thanks. Coordinator Dr. Archana Sawarkar, Organizing committee members Dr. S.R. Kohchale, Dr. R.P. Joshi, Mr. R.B. Ghayalkar, Dr. H.S. Malpani, S.R. Jaiswal, A.B. Khedkar, teaching and non teaching staff and students worked hard for success of workshop.

**Web link:** <https://www.rltsc.org/2019/03/one-day-workshop-eureka/>

**Dr. Archana S. Sawarkar**  
Coordinator

**Workshop on  
Self Employment through Fisheries**

One day workshop on 'Self Employment through Fisheries' was organized jointly by Shri R.L.T. College of Science, Akola, NSS Unit, Department of Fisheries, Govt. of Maharashtra, Office of the Asst. Commissioner of Fisheries (Tech.), Akola. The workshop was held on 19<sup>th</sup> Dec. 2018 at adopted village Aapoti (Kd) under the guidance of Principal Dr. Vijay D. Nanoty and Mr. Suresh R. Bharti, Asst. Commissioner of Fisheries, Akola. Total 215 participants including 162 students, 38 villagers and 15 staff members participated in workshop. Damodhar Kadu (President of K.S.P. Society, Aapatapa), Dinesh Dhope (Asst. Fisheries Development Officer, Mahan), Lakshmitai Ghuse (Sarpanch, Aapoti (Kd) graced the inaugural function. Dr. Archana Sawarkar, Coordinator of workshop delivered introductory remark and introduced the guests. Damodhar Kadu guided the gathering on the benefit of adopting self employment. In the first session, Dinesh Dhope guided on Aquarium keeping maintenance & employment opportunities. He also informed about various schemes implemented by Fisheries Department of Maharashtra Govt. In the second session, Prof. Ranjana Dharmale, Brijlal Biyani College, Amravati, explained about Introduction to fishes & their caring. Dhope gave demonstration on Construction of fish aquarium. In the concluding session, Dr. Sanjay Tidke (Dist. Coordinator N.S.S., Akola) informed about various schemes implemented under Unnat Bharat Campaign and Baliraja Chetna campaign. In his presidential speech, Dr. Umesh Bhalekar called upon youths to look at self employment with positive attitude.

Dr. Sudhir Kohchale conducted the programme whereas Dr. Samadhan Munde proposed vote of thanks. Coordinator Dr. Archana Sawarkar and organizing committee members Dr. Sudhir Kohchale, Dr. Rashmi Joshi (Sawalkar), Mr. Sunil Gupta, Miss. Sonali Gawande, Mr. Shailesh Jaiswal, student representative Mr. Govind Andhale, Miss Yashshree Daberao and NSS volunteers took efforts for success of workshop.

**Web link:** <https://www.rltsc.org/2018/12/one-day-workshop-on-self-employment-through-fisheries/>

**Dr. Archana S. Sawarkar**  
Coordinator

## RESEARCH ACTIVITY

### REPORT

#### 1. PAPER PUBLICATION

Sr. No.	Department	Name of Author	Title of Research Paper	Name of Journal Volume (National / International)	Impact Factor
1	Microbiology	Dr. H.S. Malpani (1)	Microbiological study of waste disposal and its efficient management.	Research Journey Sp. Issue 110(E) Feb. 2019	6.261 (SJIF)
2	Microbiology	Ms. S.N. Gawande (1)	Phytochemical and Antibacterial properties of Ethanolic extract of <i>Syzygium cumini</i> seed on pathogenic bacteria.	Journal of Plant Disease Science Vol.13(1): 56-61, 2018	6.261 (SJIF)
3	Chemistry	Dr. P.P. Deohate (6)	1. Analysis of Drug Ofloxacin in Bulk & Single Component Pharmaceutical Tablets by Non-Aqueous Potentiometric Titration Method.	Journal of Indian Chemical Society 95, 559, 2018	0.204
			2. Assessment of Ground Water Quality of Agriculture Land For Irrigation Purpose In Some Villages of Akola District of Maharashtra, India.	Journal of Biological and Chemical Chronicles, 4(2), 90, 2018	-
			3. Determination of Physico-Chemical Parameters of Ground Water Used For Irrigation In Villages of Akola District of Maharashtra, India.	Journal of Biological and Chemical Chronicles, 4(2), 124, 2018	-
			4. Non-Aqueous Potentiometric Analysis of Drug Furosemide In Bulk And Single Component Pharmaceutical Tablets.	Research Journey Inernational E-Research Journal,110(B), 271,2019	6.261 (SJIF)
			5. Non-Aqueous Potentiometric Determination of Drug Paracetamol-Mefenamic Acid in Single And Double Component Pharmaceutical	Journal of Indian Chemical Society 96,311,2019	0.204



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			6. Microwave Irradiative Synthesis of Triazine Substituted Pyrazoles And Study of Antitubercular And Antimicrobial Activities	Asian Journal of Chemistry 31(5) 1087, 2019	0.140
4	Chemistry	Dr. P.T. Agrawal (3)	1 Synthesis And Characterization of Nanoparticles of 1-Hepta-O-Benzoyl- $\alpha$ -D-Lactosyl-5-Aryl-2,4-Dithiobiurets.	Technical Research Organization India Vol- 6, Issue-1. 2019. ISSN 2393-8374. Pg. No. 1264-1266.	-
			2. Microbial Evaluation of Ginger Oil Against Dandruff.	Research Journey International E-Research Journal Special Issue 110(B). Feb. 2019. ISSN- 2348-7143	6.261
			3. Microbial Evaluation of Nanoparticles of Sum New Lactosyl 5-Aryl 2,4 Dithiobiurets	Research Journey International E-Research Journal Special Issue 110(B). Feb. 2019. ISSN-2348-7143	6.261
5	Chemistry	Dr. P.R. Kawle (1)	Impact of Idol Immersion on Water Quality of Pinglakshi Lake of Risod in Washim District.	AJANTA, Vol III, Isu.1, ISSN 2277-5730	
6	Chemistry	Dr. K.M. Heda (3)	1 Spectral Study And Scuring of 1-Phenyl 3-Substituted for An Antimicrobial Activity.	Recent Innovation In Science Engineering And Technology -2018 ISBN 978-93-5300-458-3	-
			2. Synthesis Structural Study And Biological Evolution of Benzothizoyl Thicarbamide	Research Journey International E Research Journal, Special Issue 110(B), Feb. 2019 ISSN – 2348-7143	-
			3. Synthesis Characterization of 1-Phenyl 3(2) – Hydrazine-1,3 Subsited Benzothiozoyl Thiocarbamide	Technical research Organization India, Vol 6 Issue 1, 2019] International Journal, of Engineering & Scientific Research. ISSN-2393-8374.	-

श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

7	Chemistry	Dr. A. G. Sarap (1)	A Novel Studies of Synthesis of Nano Particles of 2-5-Tetra-O-Acetyl-B-Dgalactosyl-1-Aryl-5-Tetra-O-Acetyl-B-D-Glucosyl -2-1 isothiobiurets And There XRD Studies.	Research Journey International E Research Journal, Special Issue 110(B), Feb. 2019 ISSN – 2348-7143 P.No. 57	6.261
8	Chemistry	Mr. V.D. Deotale (1)	"Synthesuis of Thizole, Thiazinan, Thiadiazin, Thiazolidin, Triazine, Thixo-Pyrimidin and Thioxo-Imidazolidine, by Inter-Intra Molecular Cyclization"	Indian Journal of Chemistry; Volume 57B, Dec. 2018	0.525 (JCR 2017)
9	Chemistry	Mr. S.C. Zyate (1)	Antimicrobial Activity of Chalcone derivativesand their synthesis.	Research Journey 110(B), Feb-2019,	6.261
10	Zoology	Dr. S.M. Nagrale (1)	Biological aspects of Mycophagous Trips Elaphrothrips Procer (Schmutz) (Thysanoptera: Phlaeothripidae)	Research Journey International E Research Journal (Feb. 2019), Special issue vol.110(G), 114-117 (ISSN: 2348-7143),UGC App. J. No. 40705.	6.261 (SJIF)
11	Zoology	Dr. A.S. Sawarkar (2)	1. AFM study of egg sac silk fibers of the giant wood spider <i>Nephila pilipes</i> ( <i>Araneae, Araneidae</i> )	International Journal of Current Engineering & Scientific Research (IJCESR),2019.Vol.6 (1), ISSN (Print): 2393-8374, (Online): 2394- 0697, pp. 97-100.	6.263
			2. Orb web features of giant wood spider <i>Nephila pilipes</i>	Research Journey International E Research Journal (Feb.2019), Spe. issue vol. 110 (G), 145-149 (ISSN: 2348-7143), UGC App. J. No. 40705.	6.261
12	Zoology	Dr. R.P. Joshi Sawalkar (1)	Biochemical changes in midgut tissue of silkworm <i>Bombyx mori</i> , during Grasserie infection.	PIJR Print ISSN: 2250-1991 Vol-8/Issue-4/April-2019	6.761

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13	Botany	Mrs. V.N. Badgujar (2)	1. Review of Traditional & "phytochemical investigations of essential oil yielding plant-Pelargonium gravelolens"	Research journey International E-Research journal	6.261
			2. Survey of phytochemically riched wild vegetables used by Tribels of Katepurna sanctuary, Vidarbha region.	International journal of Current Engineering and Scientific Research (IJCESR)	IARC (JCRR) 0.916 GIF.695 SIFO.73 JIF 0.9
14	Botany	Dr. P.M. Khadse (2)	1. Pharmacognostic and Phytochemical Investigation on Cleistanthus collinus (Roxb.) Benth.Ex.Hook.F.	Research Journey International E-Research Journal	SJIF-6.261
			2. "Ethnobotanical Studies on Moringa oleifera (Lam.) Analytical studies"	'Ajanta' An International MultidisciplinaryQuarterly Research Journal	5.5
15	Botany	Dr. A.A. Sangole (3)	1. "Phytochemical screening of pollen of Catheranthuroseous plant"	International Journal of Current Engineering and Scientific research (IJCER) Vol 6 Issue 1, Jan.2019	IARC (JCRR) 0.916 GIF)695 SIF0.73 JIF 0.9
			2. "Pollen Histochemical analysis of Gossypium sp.	International E-Research Journal ISSN 2348-7143 Special issue 110(E) Feb. 2019	6.261
			3. "Pollen Viability of selected Varieties of Gossypium Sp".	International Multidisciplinary Quarterly Research Journal AJANTA Vol-III, Issue-I, Part V, Jan-March 2019	5.5
16	Botany	Mr. S.V. Madavi (1)	Ethnobotanical Studies on Moringa oleifera (Lam.) Analytical studies	Research Journey International E-Research Journal Vol110, Issue-I, pp 31-34 (Feb. 2019) ISSN: 2348-7143 Impact factor: 6.261	6.261
17	Physics	Mr. P.P. Gedam (2)	1. One step galvanostatical synthesis and characterization of acid doped PANI thin films.	Research Journey International E-Research Journal Vol110, Issue-I, pp 31-34 (Feb-2019) ISSN: 2348-7143 Impact factor: 6.261	6.261

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

			2. Electrochemically synthesis and characterization of polyaniline thin films.	Pune Research Times <i>An International Journal of Contemporary Studies</i> ISSN 2456 – 0960 Spe. Issue 01 (Feb. 2019)	3.18
18	Physics	Dr. R.M. Agrawal (4)	1. Humidity Sensing Properties of BaTiO <sub>3</sub> doped ZnO Thick Films	Ajanta Volume-VIII, <i>Issue-I, pp 33-38</i> (January 2019) ISSN: 2277-5730 Impact factor: 5.5	5.5
			2. Synthesis and Humidity Sensing Investigation of Nanostructured ZnO doped SnO <sub>2</sub> Thick Films	Research Journey <i>International E-Research Journal Volume 110, Issue-I, pp 25-30</i> (Feb-2019) ISSN: 2348-7143 Impact factor: 6.261	6.261
			3. Water Vapour Sensing Mechanism of PANI doped with ZnO Nanocomposites	Research Journey <i>International E-Research Journal Volume 110, Issue-I, pp 250-253</i> (Feb-2019)) ISSN: 2348	6.261
			4. Study of AC Electrical Conductivity and Dielectric Properties of Polypyrrole based ZnO Nanocomposites	Research Journey <i>International E-Research Journal Volume 110, Issue-I, pp 254-258</i> (Feb-2019)) ISSN: 2348-7143	6.261
19	Computer Science	Mr. R.B. Ghayalkar (1)	An Emerging Field IOT : Review	Research Journey <i>International E-Research Journal ISSN-2348-7143</i> Spe. Iss – 110 (C)	6.261
20	Electronics	Mr. R.G. Chavan (1) Mr. Yash Vidyasagar	Microcontroller Based Techeye System for Obstacle Detection & Ranging To Assist Blind Person	Research Journey <i>International E-Research Journal, UGC Approved Journal February-2019</i> ISSN :2348-7143	(SJIF) 6.261, (CIF) 3.452
21	Electronics	Mr. R.D. Chaudhari (1) Mr. Dattaraj Vidyasagar	Arduino Uno Based Accident Avoiding System in Mountainous Area	Research Journey <i>International E-Research Journal, ISSN-2348-7143</i> February-2019	(SJIF) 6.261

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

22	Department of Sports & Physical Ed.	Dr. R.D. Chandrawanshi (2)	1. Application of Advanced Technology to enhance the performance of Wrestlers	Aayushi International Interdisciplinary Research Journal (ISSN-2349-638x) Special Issue Published in Dec.2018	4.574
			2. Healthy Diet affects the Youth	Global Journal of Applied Social, Political, Sports & Sci. ISSN 2278-4349 March 2019.	1.90
23	English	Mr. A.B. Khedkar (1)	Poems-Let's do it for Kerala, Gods own country, and one day.	Langlit: an international peer revied open access journal.	4.23

**2. PAPER PRESENTED IN CONFERENCE / SEMINAR**

Sr. No.	Department	Name of Author	Title of Research Paper	Name & Place of Conference/Seminar/ Workshops	Year/ Date
1	Microbiology	Dr. V.D. Nanoty (2)	1. Waste management : An eco-friendly solution to burning problem and it's application.	Shankarlal Khandelwal Arts, Science and Commerce College, Akola (MS)	23 Feb. 2019
			2. Isolation of microbes associated with biofilm formation on removable partial denture.	Department of Zoology, SGBAU, Amravati	22-23 Jan. 2019
2	Microbiology	Dr. U.K. Bhalekar (2)	1. Production of plant growth promoter by using fermented extract of <i>Amaranthus spinosus</i> and Cow urine	Shankarlal Khandelwal Arts, Science and Commerce College, Akola (MS)	23 Feb. 2019
			2. Isolation of microbes associated with biofilm formation on removable partial denture.	Department of Zoology, SGBAU, Amravati	22 and 23 Jan. 2019
3	Microbiology	Dr. H.S. Malpani (2)	1. Prevalence of Bacterial Pathogens in hospital air and threat of MDR nosocomial infections.	106 <sup>th</sup> Indian Science Congress at Lovely Professional University, Phagwara, Punjab.	3-7 January 2019
			2. Consequences of River dumping on algal biodiversity of Morna River	Bio waste as Bio recourse at Shankarlal Khandelwal College, Akola	23 <sup>rd</sup> Feb. 2019

श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला

4	Microbiology	Ms. S.N. Gawande (2)	1. Isolation of microbes associated with biofilm formation on removable partial denture.	Department of Zoology, SGBAU, Amravati	22 and 23 Jan. 2019
			2. Production of plant growth promoter by using fermented extract of <i>Amaranthus spinosus</i> and Cow urine	Shankarlal Khandelwal Arts, Science and Commerce College, Akola (MS)	23 Feb. 2019
5	Chemistry	Dr. P.P. Deohate (1)	Non- Aqueous Potentiometric Analysis of Drug Furosemide in Bulk and Single Component Pharmaceutical Tablets.	National Conference on Emerging Trend In Science, Vidya Bharti Mahavidyalaya, Amravati	1,2 Feb. 2019
6	Chemistry	Dr. P.T. Agrawal (2)	1. Synthesis And Characterization of Nanoparticles of 1- Hepta O- Benzoyl B-D-Lactosyl 5-Aryl 2,4 Dithiobiurets.	International Conference on Multifunctional Advanced Material ICMAM-2018	5-7 October 2018.
			2. Microbial Evaluation of Nanoparticles of Some New Lactosyl 5-Aryl 2,4 Dithiobiurets.	Emerging Trends In Science, Vidya Bharti Mahavidyalaya, Amravati	1 To 2 Feb. 2019.
7	Chemistry	Dr. P.R. Kawle (2)	1. Synthesis of 25b, Triary; Pyrazine And 2,2,4,5- Tetra Aryl Imidazol Over Ecofriendly Lemon Juice Catalyst.	Indian Science Congress Association Future India: Science And Technology At LPU, Jalandar	3-7Jan. 2019.
			2. Impact of Idol Immersion Om Water Quality of Pinglakshi Lake of Risod In Washim, District	National Conference on RAISAT-2019 At GSG College Umerkhed, District : Yavatmal.	5-6 March 2019
8	Chemistry	Dr. K.M. Heda (2)	1. Synthesis Structural Study And Biological Evaluation of Pharmacologically Important -1,3 -Substituted Benzothizoly Thiocarbamide	Emerging Trends In Science, Vidya Bharti Amravati.	1-2 Feb. 2019
			2. Synthesis, Characterization of 1-Phenyl-3(2)Hydrazine-1,3 - Substituted Benzo Thiozoly Thicarbamide.	----	---
9	Chemistry	Dr. A.G. Sarap (2)	1. A Novel Studies of Synthesis of Nano Particles of 2-5-Tetra-O-Galactosyl 1-Aryl-5tetra-O-Acetyl-Å-	National Conference Emerging Trends In Science – 2019 Vidya Bharti College,	1-2 Feb. 2019

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

			Dglucosyl 2-1 Isothiobiures And Their XRD Studies	Amravati.	
			2. ----	International Conference on RAIPLS -2019, in University Jaipur.	
10	Chemistry	Mr. V.D. Deotale (1)	HPLC Purification Technique: Synthesis of Unsymmetric 1,3-Disubstituted Thiobarbituric Acids	International Conference on Multifunctional Advanced Materials (ICMAM) 2018 At Kamla Nehru Mahavidyalaya Nagpur, Maharashtra, India.	05-07 October 2018
11	Chemistry	Mr. S.C. Zyate (1)	Antimicrobial Activity of Chalcone derivatives and their synthesis.	Emerging Trends In Science, Vidya Bharati College, Amravati.	1-2 Feb. 2019
12	Zoology	Dr. A.S. Sawarkar (3)	1. AFM study of egg sac silk fibers of the giant wood spider Nephila pilipes.	International Conference on "Multifunctional Advanced Materials", at Kamla Nehru Mahavidyalaya & Dharampeth M.P. Deo Memorial Sci. College, Nagpur	5-7 Oct. 2018
			2. Impact of Zinc sulphate on gills of fish <i>Ophiocephalus punctatus</i>	National Conference on "Recent Trends in Life Sciences for Sustainable Development" at SGB Amravati University, Amravati.	22-23 Jan. 2019
			3. Orb web features of giant wood spider Nephila pilipes	National Conference on "Emerging Trends in Sciences", Vidya Bharati Mahavidyalaya, Amravati	1-2 Feb. 2019
13	Zoology	Dr. R.P. Joshi Sawalkar (3)	1. Extraction of amino acids from fecal matter of silkworm Bombyx mori.	One day National Seminar on Trends in Bioresource Management and Nanotechnology at C.S.B.R, RTM. Nagpur University, Nagpur.	26 October 2018

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

			2. Silkworm and seasonal infections in Western Vidarbha: Maharashtra	HumboldtKolleg on Comparative Endocrinology and Physiology at RTM Nagpur University, Nagpur	7th to 9th Jan. 2019
			3. Variation in catalase activity in the silk worm Bombyx mori during, infection with Bacterial Flacherie	Recent Trends in life sciences for sustainable development (RTLSSD) -2019, Dept. of Zoology SGBAU Amravati	22 <sup>nd</sup> and 23 <sup>rd</sup> Jan. 2019
14	Botany	Mrs. V.N. Badgujar (2)	1. "Survey of phytochemically Riched wild vegetables used by Tribels of Katepurna Sanctuary, Vidarbha region"	International Conference on Multifunctional Advance Materials ICMAM-2018, Kamala Neharu Mahavidyalaya, Dharmapeth & M.P. Deo Memorial Science College, Nagpur.	05-07 Oct. 2018
			2. "Review of Traditional & phytochemical investigations of essential oil yielding plants Pelargonium gravelolens"	"Emerging Trends in science" held at Vidyabharati Mahavidyalaya, Amravati	01.02 2019
15	Botany	Dr. P.M. Khadse (1)	"Ethnobotanical Studies on Moringa oleifera (Lam.) Analytical studies"	National Conference on Emerging Trends in Science, Held at Vidyabharati Mahavidyalaya Amravati.	1&2/02/ 2019
16	Botany	Dr. A.A. Sangole (3)	1. "Phytochemical screening of pollen of Catheranthureseusplant"	International Conference on Multifunctional Advanced Materials ICMAM-2018.Kamlanehru Mahavidyalaya, Nagpur And Dharampeth M.P. Memorial Science College, Nagpur.	5 <sup>th</sup> to 6 <sup>th</sup> October 2018
			2. "Pollen Histochemical analysis of Gossypium sp".	<i>Emerging Trends in Science</i> Organised by Vidyabharti Mahavidyalaya Amravati	1 <sup>st</sup> and 2 <sup>nd</sup> February 2019



**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

			3. Pollen Viability of selected Varieties of Gossypium Sp.	National Conference on Recent Advances in Science and Technology (RAISAT-2019) Gopikabai Sitaram Gawande Mahavidyalaya, Umarkhed	5 <sup>th</sup> to 6 <sup>th</sup> March,
17	Botany	Mr. S.V. Madavi (1)	Ethnobotanical Studies on Moringa oleifera (Lam.) Analytical studies	National Conference on Emerging Trends in Science, Held at Vidyabharati Mahavidyalaya Amravati.	1&2/02/ 2019
18	Physics	Mr. P.P. Gedam (2)	1. One step galvanostatical synthesis and characterization of acid doped PANI thin films.	National Conference on Emerging Trend in Sciences at Vidyabharati College, Amravati	1 <sup>st</sup> -2 <sup>nd</sup> Feb, 2019
			2. Electrochemically synthesis and characterization of polyaniline thin films	National conference on Nanomaterials and their applications critical at Arts, Comm. & Science College, Kille-Dharur Dist. Beed.	14 <sup>th</sup> Feb, 2019
19	Physics	Dr. R.M. Agrawal (1)	Synthesis and Humidity Sensing Investigation of Nanostructured ZnO doped SnO <sub>2</sub> Thick Films	National conference on "Emerging Trends in science" which is organised by Vidya Bharati Mahavidyala, Amravati	1 <sup>st</sup> -2 <sup>nd</sup> Feb. 2019
20	Physics	Mr. S.R. Jaiswal (1)	Visible Quantum Cutting in KMgF <sub>3</sub> Co-doped with Gd <sup>3+</sup> and Eu <sup>3+</sup> Phosphor	International Conference on Luminance and its Applications (ICLA) Jan-2019 at Ravishankar Shukla University, Raipur	7-10 Jan. 2019
21	Computer Science	Mr. R.B. Ghayalkar (1)	An Emerging Field IOT: Review	National Conference on Emerging Trends in Science. Vidya Bharati Mahavidyalaya, Amravati	1 & 2 Feb. 2019
22	Electronics	Mr. R.G. Chavan (1)	Microcontroller Based Techeye System for Obstacle Detection & Ranging To Assist Blind Person.	National Conference on Emerging Trends in Science. Vidya Bharati Mahavidyalaya, Amravati	1,2 Feb. 2019

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

<b>23</b>	<b>Electronics</b>	<b>Mr. R.D. Chaudhari (1)</b>	Arduino Uno Based Accident Avoiding System in Mountainous Area ACROSS U-Turn	National Level Conference on Emerging Trends in Science. Vidya Bharati MahaVidyalaya, Amravati	1,2 Feb. 2019
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**3. PARTICIPATION IN CONFERENCE / SEMINAR / WORKSHOP**

<b>Sr. No.</b>	<b>Department</b>	<b>Name of Participant</b>	<b>Theme &amp; Place of Conference/seminar/workshops</b>	<b>Level : National/ State / District</b>	<b>Year/ Date</b>
<b>1</b>	<b>Microbiology</b>	<b>Dr. H.S. Malpani (4)</b>	1. One Day National Conference on New Methodology of NAAC assessment to nurture quality enhancement in Higher Educational Institution, Smt. L.R.T. College of Commerce, Akola	National	29 <sup>th</sup> Sept. 2018
			2. Trends in Genetic modification Badrinarayan Barwale Mahavidyalaya (Webinar)	International	9 <sup>th</sup> Feb. 2019
			3. One day state level symposium on Research supervisor under new guideline: duties & Role Govt. Vidarbha Institute of Science and Humanities, Amravati.	State	5 <sup>th</sup> April, 2019
			4. One day National workshop Level seminar cum Workshop on Soap and Perfume making. Shri R.L.T. College of Science, Akola	National	8 <sup>th</sup> Sept. 2018
<b>2</b>	<b>Microbiology</b>	<b>Ms. S.N. Gawande (2)</b>	1. International conference on Microbiome Research NCCS, Pune	International	19-22, Nov. 2018
			2. One day National workshop Level seminar cum Workshop on Soap and Perfume making Shri R.L.T. College of Science, Akola.	National	2018
<b>3</b>	<b>Chemistry</b>	<b>Dr. P.P. Deohate (3)</b>	1. "National Level Seminar Cum Workshop on 'Art of Perfume and Soap Making' Department of Chemistry, Shri R.L.T. College of Science, Akola	National	8 <sup>th</sup> Sept. 2018

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

			2. "AUCTA's 20 <sup>th</sup> Annual Convention and Seminar on Research Methodology in Current Context" Organized by AUCTA at Shri Shivaji Science College, Amravati	University	2nd Dec. 2018
			3. "State Level Seminar on My Health My Responsibility: Complementary to Medicine and Health Care" and "Teacher Workshop on Teaching Constrains In Microbiology and Allied Science" Department of Microbiology, Shri R.L.T. College of Science, Akola.	State Level	28 Feb. 2019
4	Zoology	Dr. S.M. Nagrale (2)	1. "National Level Seminar Cum Workshop on 'Art of Perfume And Soap Making' Organized by Department of Chemistry, Shri R.L.T. College of Science, Akola	National	8 Sept. 2018
			2. Seminar on "My Health, My Responsibility: Complementary to Medicine & Health Care" at Shri R.L.T. College of Science, Akola.	State Level	28 Feb. 2019
5	Zoology	Dr. A.S. Sawarkar (9)	1. One day Workshop on "Performance Based Appraisal System, PBAS-API" Arts, Commerce & Science College, Amravati.	University Level	26 June, 2018
			2. One day Workshop on "Cyber Crime & Women's Safety" at Shri R.L.T. College of Science, Akola	District Level	20 July, 2018
			3. One day Workshop on "Eco-friendly Ganesha Idol Preparation" at Shri R.L.T.College of Science, Akola	District Level	06 Sept. 2018
			4. One Day Workshop on "Art of Perfume and Soap Making" at Shri R.L.T.College of Science, Akola	National Level	08 Sept. 2018
			5. One day National Conference on "New Methodology of NAAC Assessment to nurture quality enhancement in higher Educational Institutions" at Smt. L.R.T. College of Commerce, Akola.	National Level	29 Sept. 2018

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

			6. Skill Development programme on "Reservoir Fisheries Development" at S.K. College, Akola	State Level	29-31, Oct. 2018
			7. One Day Workshop on "Self Employment through Fisheries" at Aapoti (Kd), Akola.	University Level	19 Dec. 2018
			8. One Day Workshop on "Teaching Methodology: Need of Today's Higher Education" at Rajarshee Shahu Science College, Chandur Rly.	State Level	04 Jan. 2019
			9. Seminar on "My Health, My Responsibility: Complementary to Medicine & Health Care" at Shri R.L.T. College of Science, Akola.	State Level	28 Feb. 2019
6	Zoology	Dr. S.R. Kohchale (2)	1. One Day Workshop on "Art of Perfume and Soap Making" at Shri R.L.T. College of Science, Akola	National Level	08 Sept. 2018
			2. Seminar on "My Health, My Responsibility: Complementary to Medicine & Health Care" at Shri R.L.T. College of Science, Akola	State Level	28 Feb. 2019
7	Zoology	Dr. R.P. Joshi Sawalkar (4)	1. One day national level seminar cum workshop on "Art of Perfume & Soap Making" at Shri R.L.T. Science College, Akola.	National Level	08/09/18
			2. Two day workshop on "Ecofriendly Ganesha Idol Preparation" at Shri R.L.T. Science College, Akola.	University level	06/09/18
			3. One Day Workshop on "Self Employment Through Fisheries" at Shri R.L.T. Science College, Akola	University Level	19/12/18
			4. One Day State Level Seminar on My health, "My responsibility: Complementary to medicine & Health care" at Shri R.L.T. Science College, Akola.	State Level	28/02/19
8	Zoology	Dr. R.L. Rahatgaonkar (3)	1. One day national level seminar cum workshop on "Art of Perfume & Soap Making" Shri R.L.T. Science College, Akola.	National Level	08/09/18

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

			2. One day National Conference on "New Methodology of NAAC Assessment to nurture quality enhancement in higher Educational Institutions" at Smt. L.R.T. College of Commerce, Akola.	National Level	29 Sept. 2018
			3. One Day State Level Seminar on My health, "My responsibility: Complementary to Medicine & Health Care" at Shri R.L.T.Science College, Akola.	State Level	28/02/19
9	Botany	Mrs. V.N. Badgujar (09)	1. International Conference on Multifunctional Advance Materials ICMAM-2018, Kamala Nehru Mahavidyalaya, Dharmpeeth & M.P. Deo Memorial Science College, Nagpur	International	05-07 Oct. 2018
			2. "Emerging Trends in Science" Vidyabharathi Mahavidyalaya, Amaravati	National	1st Feb. 2019
			3. Workshop on "Cyber Crime & Women's Safety" organized by Shri R.L.T.College of Science, Akola	District	20th July, 2018
			4. One day National level seminar cum workshop on "Art perfume & Soap Making" organised by Dept. of Chemistry Shri R.L.T. College of Science, Akola	National	8th Sept. 2018
			5. Attended workshop on "Flower Structure & types of inflorescences" organised by ASC College, Kiran Nagar, Amaravati.	Inter Collegiate	1st Oct. 2018
			6. Attended one day workshop on "Seasonal Flower" organised by Department Botany Vidyabharati Mahavidyalaya, Amaravati	District	20th Oct. 2018
			7. Attended and Participated in one day workshop on 'Patent drafting filing & processing" held at Vidyabharati Mahavidyalaya, Amaravati	District	29th Nov. 2018

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

			8. One day workshop on "Self Employment Through Fisheries" organised by B.G.E. Society's Shri R.L.T. College of Science, Akola in colabration with Dept. of Fisheries, Govt. of Maharastra at N.S.S. Residential Camp–Apoti Kd. Dist. Akola	District	19th Dec. 2018
			9. State level Seminar on "My Health My Responsibility" At Shri R.L.T. College of Science, Akola	State	28 Feb. 2019
10	Botany	Dr. P.M. Khadse (05)	1. "Recent Advance in Science and Technology", Gopikabai Sitaram Gawande Mahavidyalaya, Umarched.	National Conference	5-6 March 2019
			2. "Emerging trends in science", held at Vidyabharati Mahavidyalaya, Amravati.	National Conference	1-2, Feb. 2019
			3. "Arts of perfume and soap making" Organized by Dept. of Chemistry, Shri R.L.T. College of Science, Akola.	National Conference	8 Sept. 2018
			4. "Rain Water Harvesting" organized by Dept of Botany and Club Enviro under the Aegies of Vidyabharati GEMS, Amravati.	State Level Workshop	28th July, 2018
			5. "My Health My Responsibility : Complementary to medicine and Health Care" organised by Dept. of Microbiology, Shri R.L.T. College of Science, Akola.	State Level Seminar	28 Feb. 2019
11	Botany	Dr. A.A. Sangole (3)	1. One day National level Seminar cum workshop on "Art of Perfume & Soap Making" (Skill development and self employment) Shri R.L.T. College of Science, Akola.	National Workshop	8th Sept. 2018
			2. One day workshop on "Cyber Crime and Women safety" Shri R.L.T. College of Science, Akola	District	20 July, 2018
			3. State level seminar on "My Health My Responsibility : Complementary to Medicine & Health Care" Shri R.L.T. College of Science, Akola	State Level Seminar	28th Feb., 2019

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

12	Botany	Mr. S.V. Madavi (1)	1. "Arts of perfume and soap making" organized by Dept. of Chemistry, Shri RLT College of Science, Akola.	National	8th Sept. 2018
			2. "My Health My Responsibility : Complementary to medicine and Health Care" Organised by Dept. of Microbiology Shri R.L.T. College of Science, Akola	State Level Seminar	28th Feb., 2019
13	Physics	Mr. P.P. Gedam (3)	1. Art of Perfume & Soap Making (Skill development and self employment) at Shri R.L.T. College of Science, Akola	National	8 <sup>th</sup> Sept. 2018
			2. My health my responsibility : at Shri R.L.T. College of Science, Akola	State	28 <sup>th</sup> Feb. 2019
			3. Seminar Competition on Topology at Shri R.L.T. College of Science, Akola	University	12th March, 2019
14	Physics	Dr. R.M. Agrawal (4)	1. Recent Advanced in Science and Technology" at Gopikabai Sitaram Gawande College, Umardhed	National	5-6 March, 2019
			2. Art of Perfume & Soap Making (Skill development and self employment) at Shri R.L.T. College of Science, Akola	National	8 <sup>th</sup> Sept. 2018
			3. My health my responsibility Shri R.L.T. College of Science, Akola	State	28 <sup>th</sup> Feb. 2019
			4. Seminar Competition on Topology at Shri R.L.T. College of Science, Akola	University	12th March, 2019
15	Physics	Mr. S.R. Jaiswal (3)	1. Art of Perfume & Soap Making (Skill development and self employment) at Shri R.L.T. College of Science, Akola.	National	8 <sup>th</sup> Sept. 2018
			2. My health my responsibility : at Shri R.L.T. College of Science, Akola	State	28 <sup>th</sup> Feb. 2019
			3. Seminar Competition on Topology at Shri R.L.T. College of Science, Akola.	University	12 Mar. 2019

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

16	Mathematics	Dr.Ms. S.B. Tadam (1)	National Workshop on “Number Theory” at Shri Dr. R.G. Rathod Arts and Science College, Murtizapur Dist. Akola	National Level	19 <sup>th</sup> January 2019
17	Mathematics	Dr. S.L. Munde (1)	State Level Workshop on Soft Skills Training for Mathematical Sciences (Mathematical Practices Using ICT & Computational Tools). S.G.B.A.U. Amravati.	State level	15-16 March 2019
18	DPE	Dr. R.D. Chandrawanshi (3)	1. Art of Perfume & Soap Making (Skill development and self employment) at Shri R.L.T. College of Science, Akola.	National	8 <sup>th</sup> Sept. 2018
			2. My health my responsibility : at Shri R.L.T. College of Science, Akola	State	28 <sup>th</sup> Feb. 2019
			3. Seminar Competition on Topology at Shri R.L.T. College of Science, Akola	University	12 Mar. 2019

**4. AVISHKAR (RESEARCH FESTIVAL) UNIVERSITY LEVEL PARTICIPATION**

Sr. No.	Name of Student	Title of Project	Project Guide/ Supervisor	Date / Place
1	Ms. Kanchan Mangatani (PG-M.Sc.II, Micro)	A Study of Waste Management	Dr. H.S. Malpani	S.G.B. Amravati University, Amravati (26-27 Dec. 2018)
2	Ms. Shrutika Chandak (PG-M.Sc.II, Micro)	Production and optimization of Cynobacterial biofertilizer for saline belt of Vidarbha region		
3	Ms. Krashna Laddha (PG-M.Sc.II, Micro)	Production of plant growth promoter by using fermented extract of <i>Amaranthus spinosus</i> and Cow urine	Ms. S.N. Gawande	
4	Ms. Roshani Kadam (PG-M.Sc.I, Micro)	To Study antimicrobial efficacy of Pumkin & its phytochemical activity against enteric pathogen		
5	Ms. Vasundhara N. Dutonde (UG-B.Sc.III)	Relative Study of Biodiesel Preparation From Virgin And Waste Vegetable Oil.	Dr. P.P. Deohate	



**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

6	<b>Mr. Balraj B. Khurania</b> (UG-B.Sc.III)	Assessment of Ground Water Quality of Some Village In Akola District For Irrigation.	<b>Dr. P.P. Deohate</b>	
7	<b>Ms. Yoshita Veera</b> (UG-B.Sc.III)	Dust control settler	<b>Mr. S.R. Jaiswal</b>	
8	<b>Mr. Nagorao Fulkar</b> (UG-B.Sc.III)	Spoil oil control mechanism model	<b>Mr. P.P. Gedam</b>	

**5. AVISHKAR (RESEARCH FESTIVAL) STATE LEVEL PARTICIPATION**

Sr. No.	Name of Student	Title of Project	Project Guide/ Supervisor	Date and Place
1	<b>Ms. Kanchan Mangatani</b>	A Study of Waste management	<b>Dr. H.S. Malpani</b>	Gondwana University, Gadchiroli. (15 To 18 Jan. 2018)
2	<b>Ms. Vasundhara N. Dutonde</b>	Relative Study of Biodiesel Preparation From Virgin And Waste Vegetable Oil.	<b>Dr. P.P. Deohate</b>	

**6. Ph.D WORK (AWARD / REGISTRATION)**

Sr. No.	Department	Name of Researcher	Title of Ph.D. Thesis	University	Project Guide/ Supervisor
1	Microbiology	<b>Ms. Purnima Chitlange</b>	Screening of bioactive compounds. Anti dermatophytic activity	S.G.B. Amravati University 29/9/2108	<b>Dr. V.D. Nanoty</b>
2	Chemistry	<b>Ms. Ketki D. Bansod</b>	Synthesis of Analogues of Polor Flavonoid of Isolated from Some Phyllanthus Plants And Studies of their Antioxidant Proprties.	S.G.B. Amravati University, Amravati 16/5/2019	<b>Dr. P.P. Deohate</b>
3	Chemistry	<b>Ms. Kalpana A.Palaspagar</b> (Ongoing)	Synthesis And Anti microbial Study of Some Novel Pyrimidine Linke Five And Six Membered Hetrocyclic System.	S.G.B. Amravati University, Amaravati.	<b>Dr. P.P. Deohate</b>
4	Mathematics	<b>Ms. S.B. Tadam</b>	Study of Uniform Continuous Spaces And Compactness Related Concept In Uniform Spaces And Proximity Spaces.	S.G.B. Amravati University, Amaravati.	<b>Dr. S.M. Padhye</b>
5	Mathematics	<b>Ms. Priti P. Umalkar</b>	Study of Uniformizable Topological Spaces And Its Relation To Compactness in Uniform And Proximity Spaces.	S.G.B. Amravati University, Amaravati.	<b>Dr. S.M. Padhye</b>

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6	Mathematics	Ms. R.D. Nannaware	Properties of Spectral Operators on Different Linear Spaces	S.G.B. Amravati University, Amravati.	Dr. S.M. Padhye
7	Botany	Dr. P.M. Khadse	"Phytochemical Analysis and Anatomical Study of Some Unknown Medicinal Plants Used in Diabetes". Awarded on 17/07/2018	S.G.B. Amravati University, Amravati	Dr. V.R. Deshmukh

7. UNIVERSITY / STATE / NATIONAL LEVEL SEMINAR, WORKSHOP OR RESEARCH RELATED ACTIVITY CARRIED OUT BY DEPARTMENT.

Sr. No.	Department	Seminar, Workshop/ Research Related Activity	University / State/ National Level	Date
1.	Chemistry	National Level workshop Cum seminar on Art of Perfume & Soap making.	National Level	08.09.2018
2	Microbiology	State level Seminar on My Health My responsibility: complementary to medicine and Health care and Teachers workshop on Teaching constraints in Microbiology and Allied sciences.	State Level	28.02.2019
3.	Mathematics	University Level Seminar Competition for P.G. Students	University Level	12.03.2019

8. ORIENTATION/ REFRESHER AND SHORT TERM COURSE

Sr.	Name of Attendee	Name of the Courses	Place	Duration	Sponsoring Agency
1	Dr. H.S. Malpani	University and P.G. College M.Sc. Teachers Training Program in Biology/ Life Science Equivalent to Refresher Course	Centre of Excellence in Science and Mathematics education. Indian Institute of Sciences, Challakere Campus at Kudapura Chitradurga (Karnataka)	21 Days	Pandit Madan Mohan Malviya National Mission on Teachers and teaching, HRD, Govt. of India.
2	Dr. P.P. Deohate	Short Term Course in Environment Conservation	UGC-HRDC, S.G.B. Amravati University, Amravati.	09.10.2018 To 14.10.2018	UGC-HRDC New Delhi
3.	Dr. P.T. Agrawal	Short Term Course In Environment Conservation	UGC-HRDC, S.G.B. Amravati University, Amravati.	09.10.2018 To 14.10.2018	UGC-HRDC New Delhi
4.	Mr. S.C. Zyate	Orientation Programme	UGC-HRDC, Kumaun University Nainital, Uttarakhand.	01.03.2019 To 30.03.2019	UGC-HRDC New Delhi

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

5.	<b>Dr. K.M. Heda</b>	Online Refresher Course Innovation and Best Practices	Swayam	40 Weeks Nov. 2018 to Mar.2019	UGC-HRDC
6	<b>Dr. S.M. Nagrale</b>	Short Term Course In Environment Conservation	UGC-HRDC, S.G.B. Amaravati University, Amravati.	09.10.2018 To 14.10.2018	UGC-HRDC New Delhi
7	<b>Dr. A.S. Sawarkar</b>	Short Term Course In Environment Conservation	UGC-HRDC, S.G.B.U. Amaravati University, Amravati.	09.10.2018 To 14.10.2018	UGC-HRDC New Delhi
8	<b>Mr. P.P. Gedam</b>	MOOC in "Solid State Physics"	IIT, Kharagpur	12 Week	Ministry of HRD, Govt. of India.
9	<b>Dr. R.M. Agrawal</b>	Train the Trainer Programme	Faculty Development Cell, Sant Gadge Baba Amravati University, Amravati	29 Oct.2018 to 3 <sup>rd</sup> Nov. 2018	SGB Amravati University
10	<b>Mr. R.B. Ghayalkar</b>	Online Refresher Course Biomedical Image Processing	Swayam	16 week	UGC-HRDC New Delhi
11	<b>Mr. R.D. Chaudhari</b>	Train the Trainer Programme	Faculty Development Cell, Sant Gadge Baba Amravati University, Amravati	29 Oct.2018 to 3 <sup>rd</sup> Nov. 2018	SGB Amravati University
		Online Refresher Course Innovation and Best Practices.	Swayam	40 Weeks Nov.2018 to Mar. 2019	UGC -HRDC
12	<b>Dr. S.B. Tadam</b>	5 <sup>th</sup> Refresher Course in Mathematics and Statistics (CORE) 2018-19	UGC-Human Resource Development Center Devi Ahilya Vishwavidyalaya, Indore	27 <sup>th</sup> July to 16 <sup>th</sup> August, 2018	UGC-Human Resource Development Center
13	<b>Mrs. V.N. Badgujar</b>	Refresher Course in Life Sciences	SGB Amaravati University, Amaravati	20/08/2018 to 12/08/2018	UGC-Human Resource Development Center
14	<b>Dr. P.M. Khadse</b>	Refresher Course in Life Sciences	Academic Staff College, HRDC, RTM Nagpur University, Nagpur	17/09/2018 to 07/10/2018	UGC-Human Resource Development Center

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**9. RESOURCE PERSON**

Sr.	Department	Name of Resource Person	Key Note Address/ Invite Talk	Name of Institute/ Place	Date
1	Microbiology	Dr. V.D. Nanoty	Invited Talk	One Day National Conference on New Methodology of NAAC assessment to Nurture Quality enhancement in Higher educational Institution. Smt. L.R.T. College of Commerce, Akola	29 <sup>th</sup> Sept. 2018
			Invited Talk	Prerna State level Leadership Development program SGB Amravati University, Amravati	23 <sup>rd</sup> -27 <sup>th</sup> Feb. 2019
			Resource Person	State level seminar on Frontiers in Microbiology & Annual Microbiology's Meet 2018, At HPT Arts and RYK Science College, Nashik.	20-21 Oct. 2018
2	Chemistry	Dr. P.P. Deohate	Guest Lecture on Stereochemistry	Arts Commerce & Science College Arvi, Wardha	21.10.2018
3	Chemistry	Mr. V.D. Deotale	Guest Lecture on Constitution of India	Shri R.L.T. College of Science Akola	26.11.2018
			Guest Lecture on Constitution of India	Shri R.L.T. College of Science NSS Camp.	18.12.2018
4	Zoology	Dr. A.S. Sawarkar	Stapes for Successful Projects	EUREKA, one day work shop, Shri R.L.T.College of Science, Akola	13/03/2019
5	Physics	Dr. R.M. Agrawal	"Time Management"	Four Day Workshop on Skill Development Programme. Shri R.L.T. College of Science, Akola	22 <sup>nd</sup> March to 25 <sup>th</sup> March 2019
6	Physics	Mr. S.R. Jaiswal	Know Our Universe	EUREKA, one day work shop, Shri R.L.T. College of Science, Akola	13/03/2019
			'THE COSMOS'	Shri R.L.T. College of Science, NSS Camp at Apoti Khurd.	18/12/2018
7	Computer Science	Mr. R.B. Ghayalkar	Guest Lecture on Operating System For B.Sc.Forensics	Shri Shivaji College, Akola	20-03-2019

**श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला**

8	Department of Sports & Physical Ed.	Dr. R.D. Chandrawanshi	Invited Talk	International Conference on Recent Trends in Commerce and Humanities Mahajan College of Technology & Smt. N.W. Arts College, Yavatmal	23 <sup>rd</sup> & 24 <sup>th</sup> March 2019
9	Mathematics	Dr. S.L. Munde	Invited Talk	UGC-Human Resource Development Center S.G.B.A.U. Amravati	14.12.18

**10. RESEARCH AWARDS**

Sr. No.	Department	Name of	Research Person	Name of Institute/ Awards	Date Place
1	Zoology	Dr. A.S. Sawarkar	Second Prize in Poster paper Presentation	International Conference on "Multifunctional Advanced Materials", at Kamla Nehru Mahavidyalaya & Dharampeth M.P. Deo Memorial Sci. College, Nagpur.	5-7 Oct. 2018
2	Zoology	Dr. R.P. Joshi Sawalkar	Third Prize in Oral Paper Presentation	National Conference on "Recent Trends in Life Sciences for Sustainable Development" at SGB Amravati University Amravati.	22-23 Jan. 2019

**11. MoU OF DEPARTMENT**

Sr. No.	Name of Department	Collaboration with (Institute/ organization)	Department / College	Duration
1	Computer Science	1. MICROSPECTRA SOFTWARE TECHNOLOGIES PVT. LTD 2. SPECTRAMIND WEB HOSTING SOLUTION PVT. LTD 3. VIBRANTMIND DIGITAL MARKETING SOLUTION PVT. LTD	College Level	09/04/2019 to 09/04/2024

**Dr. Sushil M. Nagrale**  
Chairman  
Research Committee

**SHRI R.L.T. COLLEGE OF SCIENCE, AKOLA**

**TEACHING STAFF**

1. Dr. V.D. Nanoty	Principal	13. Dr. P.M. Khadse	Assistant Professor (Botany)
2. Dr. U.K. Bhalekar	Associate Professor & HOD (Microbiology) Incharge (Biochemistry) Incharge (P.G.-Microbiology)	14. Dr. P. R. Kawle	Assistant Professor (Chemistry)
3. Prof. R.G. Chavan	Associate Professor & HOD (Electronics) Incharge (Computer & IT)	15. Dr. S.R. Kohchale	Assistant Professor (Zoology)
4. Dr. R.D. Chandrawanshi	Director, Physical Education	16. Dr. Sau. K.M. Heda	Assistant Professor (Chemistry)
5. Dr. S.M. Nagrale	Assistant Professor & HOD (Zoology) Incharge (Bioinformatics)	17. Dr. R.L. Rahatgaonkar	Assistant Professor (Zoology)
6. Dr. Sau. A.S. Sawarkar	Assistant Professor (Zoology)	18. Dr. Sau. A.A. Sangole	Assistant Professor (Botany)
7. Dr. P. P. Deohate	Assistant Professor (Chemistry)	19. Dr. A.G. Sarap	Assistant Professor (Chemistry)
8. Prof. Sau. V.N. Badgujar	Assistant Professor & HOD (Botany)	20. Prof. R.B. Ghayalkar	Assistant Professor (Computer Science)
9. Prof. R.D. Chaudhari	Assistant Professor (Electronics)	21. Prof. P.P. Gedam	Assistant Professor (Physics)
10. Dr. Ku. P.T. Agrawal	Assistant Professor & HOD (Chemistry) Incharge (PG-Chemistry)	22. Dr. H.S. Malpani	Assistant Professor (Microbiology)
11. Shri M.R. Ubale	Librarian	23. Prof. S.V. Madavi	Assistant Professor (Botany)
12. Dr. Ku. S.B. Tadam	Assistant Professor & HOD (Mathematics)	24. Dr. R.P. Joshi (Sawalkar)	Assistant Professor (Zoology)
		25. Dr. R.M. Agrawal	Assistant Professor (Physics)
		26. Dr. S.L. Munde	Assistant Professor (Maths)
		27. Prof. V.D. Deotale	Assistant Professor (Chemistry)
		28. Prof. Ku. S.N. Gawande	Assistant Professor (Micro.)
		29. Prof. A.B. Khedkar	Assistant Professor (English)
		30. Prof. S.C. Zyate	Assistant Professor (Chemistry)
		31. Prof. S.R. Jaiswal	Assistant Professor (Physics)

**ADMINISTRATIVE STAFF**

1. Dr. V.D. Nanoty	Principal
2. Shri K.Y. Patil	Stenographer (L.G.)
3. Shri S.G. Solanke	Lib./ Jr. Clerk
4. Shri P.S. Shegokar	Jr. Clerk
5. Shri V.S. Alane	Jr. Clerk
6. Shri D.J. Wankhade	Incharge Clerk
7. Smt. S.S. Zatale	Peon
8. Shri S.V. Bhaltilak	Peon
9. Shri G.B. Ingole	Peon
10. Shri C.V. Ahirkar	Peon
11. Shri P.S. Murade	Peon
12. Shri S.T. Khandare	Peon
13. Shri S.J. Tarale	Peon

## COLLEGE DEVELOPMENT COMMITTEE

01.	Dr. R.B. Heda	President
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03.	Shri Vijaykumar Toshniwal	Member
04.	Dr. Ravindra Jain	Member
05.	Shri Avinash Sureka	Member
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07.	Shri Dipak Deshpande	Invitee Member
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10.	Shri Arun Kothari	Invitee Member
11.	Dr. Vaidehitai Pathak	Invitee Member
12.	Dr. U.K. Bhalekar	Member (Teaching Staff)
13.	Prof. R.G. Chavan	Member (Teaching Staff)
14.	Dr. R.D. Chandrawanshi	Member (Teaching Staff)
15.	Prof. Mrs. V.N. Badgujar	Member (Teaching Staff)
16.	Dr. R.L. Rahatgaonkar	IQAC Co-ordinator
17.	Shri Dipak J. Wankhade	Member (Non-Teaching Staff)
18.	Dr. V. D. Nanoty	Principal (Ex-Officio Secretary)

## SCHOOL COMMITTEE

01.	Dr. R.B. Heda	President
02.	Adv. Motisingh G. Mohta	Member
03.	Shri Naresh Biyani	Member
04.	Shri Vinayak Kshirsagar	Member
05.	Shri Santoshi Toshniwal	Hon. Invitee Member
06.	Shri Shivji Mantri	Hon. Invitee Member
07.	Shri Champalal Jajoo	Hon. Invitee Member
08.	Shri Abhay Bijwe	Hon. Invitee Member
09.	Shri Dilip Jain	Hon. Invitee Member
10.	Shri Shriharsh Kothari	Hon. Invitee Member
11.	Shri P.V. Gadge	Member (Teaching Staff)
12.	Shri V.S. Alane	Member (Non-Teaching Staff)
13.	Dr. V. D. Nanoty	Principal (Ex-Officio Secretary)



# चित्रबिंब



Students selected for State Level Research Festival 'AVISHKAR-2019'



Felicitation of Dr. R.D. Chandrawanshi, Dr. P.T. Agrawal & Dr. P.R. Kawle for being recognized as Ph.D. Supervisor of S.G.B.A.U., Amravati



Mobile Photography Competition cum Exhibition organized by Dept. of Zoology



Poster Presentation Competition organized by Environmental Cell & Holy Basil Club, Dept. of Botany



Winners of 'Creative Writing Competition' organized by Dept. of Languages & Library



Akola District Bird Election Campaign by Students of Dept. of Zoology



Installation of Water Pots on occasion of 'Sparrow Day' by Dept. of Zoology



Tree Plantation by Environmental Cell





National Level Seminar cum Workshop on 'Art of Perfume and Soap Making' (Skill Development & Self Employment) organized by Department of Chemistry on 8th Sept. 2018.



State Level Seminar on 'My Health My Responsibility : Complimentary to Medicine & Health Care & Teachers Workshop on Teaching Constrains in Microbiology & Allied Sciences' organized by Department of Microbiology on 28th Feb. 2019.

*One of the Excellent Science College  
in Vidarbha Region (M.S.) providing Educational Facilities  
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The Berar General Education Society's

**SHRI R.L.T. COLLEGE OF SCIENCE, AKOLA**

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