

# The Berar General Education Society's Shri Radhakisan Laxminarayan Toshniwal College of Science, Akola (M.S.) (Shri R.L.T. College of Science)



Recognized by Government of Maharashtra
Affiliated to SantGadge Baba Amravati University, Amravati
Re-accredited 'A' by NAAC, BangloreWithCGPA-3.12



4<sup>th</sup> Cycle of NAAC ASSESSMENT AND ACCREDITATION

# CRITERION III RESEARCH, INNOVATIONS AND EXTENSION

**Key Indicator – 3.4 Extension Activities** 

3.4.1

Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof.



The Berar General Education Society's Akola

#### SHRI RADHAKISAN LAXMINARAYAN TOSHNIWAL COLLEGE OF SCIENCE

Civil Lines, Akola. 444001 (Maharashtra)

Affiliated to Sant Gadge Baba Amravati University, Amravati

Re-accredited by NAAC with "A" Grade with CGPA 3.12

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Date:11/10/2022

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#### **DECLARATION**

This is to declare that, the information, data, true copies of the supporting documents etc. furnished in this file is checked and verified by IQAC, Shri R. L. T. College of Science, Akola and found to be correct.

Dr. R. L. Rahatgaonkar IQAC Co-ordinator Shri R.L.T. College of Science, Akola Principal
Shri R.L.T College of Science
Civil Lines, Akola (M.S.)



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# 3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

- Extension activities were carried out in the neighborhood community through NSS, NCC, Disaster Management Club, Parents Teacher Association, Environmental Cell, Department of Physical Education and Sports.
- Extension activities of our college is in the aspects of education which emphasizes community services. The curriculum-extension interface has an educational value, especially in rural area at district.
- Awards and recognitions received by College, Teachers and students for extension activities from government and government recognized bodies.
- Extension and outreach programs like tree plantation, blood donation, road safety rally and health awareness camps, swachhtaabhiyan and youth awareness programs, COVID vaccination camps, Sanitizer and mask distribution programs were conducted by NSS and NCC units of college.
- College has created an ecosystem for innovations and has initiative for creations and transfer of knowledge through various Extension activities.
- Students actively participate in such activities and aware about socio problem and support their helping hands for such activities.
- Such activities helpful for personality development, social responsibilities and to develop holistic approach in the students.
- Students got awards, recognition and certificates from various organization.

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# 3.4.1.

Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during

2017-18

# District Level Workshop on "Cyber Crime & Women Safety"

Date: 20/07/2018

The workshop was organized by Shri R.L.T. College of Science, Akola in collaboration with District Police, Akola. The Welcome speech was delivered by Principal Dr. V.D. Nanoty. Chief Guest, Mr. Vijaykantji Sagar, Additional Superintendent of Police, Akola Dist. delivered his introductory speech and gave 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. Chhaya Wagh, P.S.I. spoke on "Good Touch-Bad Touch". She awared the girl students by giving many examples and told them about the precautions to be taken for sexual harassments, eve teasing and about the 'POSCO Act, 2012'.

Dr. R.B. Heda, President, The B. G. E. Society Akola, Adv. Motisingji Mohta, Honorary Secretory, The B. G. E. Society, Akola, Shri Vijaykantji Sagar, Additional S. P., Akola, Dr. Sanjay Tidke, District coordinator N.S.S. Akola, Miss. Chaaya 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 present on the dais. About 265 participants including 160 female and 105 male candidates attended the workshop.

The coordinator of the workshop Dr. Rashmi P. Joshi (Sawalkar) was felicitated for organization of this best workshop by the hands of Hon. State minister Dr. Ranjitji Patil, in the Valedictory Function of "JANANI 2 Campaign" organized by Akola District Police Dal.



Mr. Vijaykantji Sagar, Add. S.P., Akola Police and Dignitaries on the dais



Felicitated by the hands of Hon. State Minister Dr. Ranjitji Patil for organizing the best workshop with "Janani 2" team.

#### **Self Employment training**

Date: 20/12/2018

CRYSTAL Club, Department of Chemistry organized workshop on manufacturing of fragrance stick to make village people, especially women self employed and to develop a practical skill among them. Students of CRYSTAL Club gave the demonstration how to make the fragrance stick and which chemicals should 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 was the best part of the workshop. Also to bring the environment awareness among village people, students of our college gave them the demonstration about the making of paper bag.

On this occasion, Dr. Archana Sawarkar, member of NSS advisory committee of college explained the benefits of self employment. She said, 'The longer that you spend in self employment, the more confident you become in your ability to survive and thrive on your own, regardless of the situation'. Prof. Sujata Tadam, Coordinator of College Women Cell guided the participants aboutnecessity of self employment. Total 89 female and 43 male candidates participated in this training programme.



Demonstration about manufacturing of fragrance sticks ( Agarbatti)



Demonstration about the making of paper bags



Guidance by Dr. Archana Sawarkar



Guidance by Prof. Sujata Tadam

# Workshop on 'Student's safety and Safety measures

Date: 21/12/2018

The National Service Scheme team of Shri R.L.T. College of Science, Akola organized the one-day workshop on 21 December 2018 in the Special NSS Camp at adopted village Aapoti (Khurd). The workshop was in collaboration of Cyber Cell, Akola Police. The speakers for the programme were Shri Gopal Mukunde and Shri Vishal More, Police Constable, Damini Scod Akola. They delivered their lecture on "Students Safety" and "Precautionary Safety Measures" for the students. They awared the NSS Volunteers and the students of the school from the gram Aapoti about "Cyber Crime and Students". How to use internet safely? How to upload the posts on social media through Android phones etc. 57 female and 43 malevolunteers as well as number of school students from the gram Aapoti got valuable information regarding their safety.









# **Medical Examination and counselling**

Date: 12/02/2019 to 14/02/2019

For maintaining student's health and for early detection of diseases a regular medical checkup of students was done in college. Medical Examination was conducted from 12/02/2019 to 14/02/2019. Total 244 girls and 117 boys have attended this examination. Dr. Navin Sejpal and Dr. Smita Kayande performed medical check up as well as counselling of students.





Registration for medical check up

# Physical Efficiency Test and counselling

#### Date: 18/01/2019 to 23/01/2019

The aim of the Physical Efficiency Testis to enhance physical efficiency and maintain fitness of mind and body. This would help the student to be mentally alert and physically efficient to overcome the stress and fatigue of daily life. The Physical efficiency Test was conducted from 18/01/2019 to 23/01/2019. Total 140 Students including 112 girls and 28 boys from B.Sc.I & II participated in this test. Result of this test is as follows.

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

Proper counselling of physically unfit students was performed by Dr. Rajesh Chandrawanshi, College Director of Physical Education.





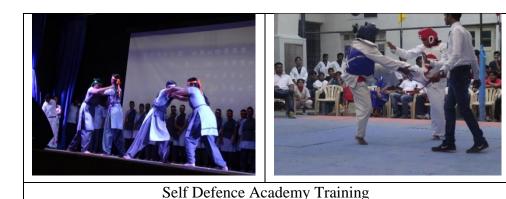
Physical Efficiency Test

# **Self Defence Academy Training**

#### Date: 28/07/2018 to 28/08/2018

Self Defense Academy is an innovative initiation taken by Sports Department. Aim of this activity is to develop self defense skill with physical fitness among the students especially for girls as well as in boys. At the beginning of academic session, daily two hours training was given for one month from 28/07/2018 to 28/08/2018. Total 45 students including 33 females and 12 males were trained to act as resource persons for other students of college. Physically strong young generation is always ready to struggle in any situation for protecting themselves as well as for welfare of the society.

Judo, Wrestling, Karate, Boxing, Taekwondo and Stick practice was taken under in this self defense academytraining. This hard training develops muscular power, stamina, endurance, flexibility, agility of strength of player.



# **Disaster Management Training**

**Date: Every Sunday** 

The aim of practice is to create a pool of trained young volunteers from National Service Scheme to collaborate and joint hands with the civil administration to provide quick rescue and relief services in the event of sudden natural calamities and disasters.the Disaster Management training focused on wholesome training of youths belonging to NSS unit through professional trainers. The training includes various sub modules of providing relief and quick response to help reduce the losses and mitigate sufferings of the victims of sudden or manmade calamities and hazards. The platoon consists of 30 (20 females and 10 males) volunteers. They are trained holistically to build their capacities to accept the challenges of rescue and relief and would complement the disaster responses forces available with civil administration. The training consists of the latest methods of rescue in the events e.g. floods, fire and earthquake etc, providing first aids, resuscitation and revival, evacuation, debris clearances, cardon, communication and mob control, carrying victims to ambulances, life-saving and administration of relief camps etc. This year disaster management club has organized much awareness campaign in SGBAmravati University, Amravati University affiliated colleges, school and in society.



**Self Employment training: Manufacturing of Fragrance Stick** 

Date: 20/12/2018

CRYSTAL Club, Department of Chemistry organized workshop on manufacturing of fragrance stick to make village people, especially women self employed and to develop a practical skill among them. Students of CRYSTAL Club gave the demonstration how to make the fragrance stick and which chemicals should 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 was the best part of the workshop. Also to bring the environment awareness among village people, students of our college gave them the demonstration about the making of paper bag.

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Demonstration about manufacturing of fragrance sticks ( Agarbatti)



Demonstration about the making of paper bags



Guidance by Dr. Archana Sawarkar



Guidance by Prof. Sujata Tadam

# Baliraja Chetna Abhiyan: A workshop on 'Self Employment through Fisheries'

Date: 19/12/2018

One dayworkshop 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 19th Dec. 2018 atadopted village Aapoti (Kd) under the guidance of PrincipalDr. Vijay D. Nanoty andMr. 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 ofMaharashtraGovt.In the second session, Prof. Ranjana Dharmale, Brijlal Biyani College, Amravati, explained aboutIntroduction to fishes & their caring. Dhope gavedemonstration 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 atself employment with positive attitude.

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



Information about various schemes implemented under Unnat Bharat and Baliraja Chetna campaign.



Demonstration on Construction of fish aquarium

# 3.4.1.

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2018-19

NSS (2018-19) Special Camp :- Village Apoti (Khurd)

# dt. 16/12/2018 to 23/12/2019 Camp Activities photos



NSS volunteers along with village sarpanch and NSS program officer while carrying out cleanliness drive in Apoti village.



Program officer during donation with NSS volunteers atLonar Nalla dam at Apoti Khurd.



NSS volunteers conveying the message of cleanliness to the villagers through a cleanliness rally.



Village women attending women's meeting at Apoti Khurd



Mr. Vishal More and Mr. Program "Cyber Crime & Students" organized by Gopal Mukunde (PO.con Damini Squad Akola Police)



NSS Regional Coordinator Dr.Sudhir Kohchale while conducting a hobby business workshop under Unnat Bharat Abhiyan.



Lecture on "Modern Technology and Environmental Degradation" Mr. Dr. I.A. Raja (Shri Shivaji College, Akola) and NSSProgram Office



Dr. Swapna Lande Madam guiding the students and the people of the village on the topic "Scientific Approach and Anti-witchcraft Act".



While guiding on the subject of "Legal Guidance", BGE Honorary Secretary of the organization Hon. Adv.



Students at field work

# 3.4.1.

Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during

2019-20





The cleanliness rally was started by Akola Municipal Corporation Commissioner Hon. Mr. Kapadnis showed the green flag, at that time Hon. Principal Dr. Nanoty





At Akola Bus Station NSS Volunteer of the college created public awareness through posters and slogans for "Single Plastic Ban".

#### 13 March 2019 - EUREKA

Shri RLT College, Akola, State Institute of Science Education, Nagpur, Dept. of Sec. Education Z.P. Akola and Akola Dist. Science Forum jointly organized One Day Workshop "Eureka" (Emerging Universe of Research Education & Knowledge Ascent) for High School students & Teachers









Cleanliness awareness rally



Under the "Voters Awareness Week" Rangoli competition, Slogan competition, Debate Competition and Essay competitions were taken.



Poster Competition for Road Safety week



Pathynatya Swatchta Abhiyan



Pathynatya Road Safety Awareness

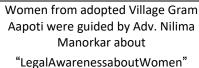
# 3.4.1.

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2020-21

# NSS Camp Activities at adopted village Gram- Apoti 2020-22







Along with NSS volunteers Dr. Rashmi Joshi constructing soak pits at atopted village





NSS volunteers doing waste water management at Aapoti.



"ग्रामविकासवउन्नतभारत" inauguration ceremony by the hands of SGBAU NSS Coordinator Dr. Rajesh Burunge in presence of Res. Dr. Borkar, NSS Advisory Member, SGBAU and guided villagers and students



Adv. Shri Motisinghji Mohta, District Legal Service Authority, Maharashtra and Goa Bar Association Member, and Hon. Secretary of The Berar Education Society, Akola with some Akola District Judges guided the villagers and student.



NSS volunteers with NSS P.O. Dr. Rashmi Joshi and Co Officer Mr. Shailesh Jaiswal at Aapoti Bk.

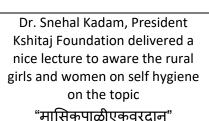


On the 5<sup>th</sup> Day Mahila Melava and Soybean Product Training Workshop was organized for rural women.



To start Kutir Udyog and Small Scale Industry for rural women Vanita Kadam, Daily Sakal Taniksha Coordinator interacting with rural women on the occasion of 'आजीचाबटवा" Compition







"मोतीबिंदूम्क्तगाव" A Free Eye Checkup Camp was organized in which 87 Senior Citizens were examined and out of which 7 citizens were suggested for Cataract Surgery



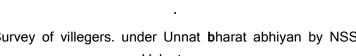
Blood group checking camp at adapted village.



Workshop by Disaster management club









# Certificate



This is to certify that SHRI RLT COLLEGE OF SCIENCE, AKOLA, MAHARASHTRA is now Recognized as Swachhta Action Plan Institution. The Institution has successfully formed the Swachhta Action Plan Committee and constituted the working groups Post COVID-19 for Sanitation & Hygiene, Waste Management, Water Management, Energy Management and Greenery along with the observation of two environment related days to inculcate in faculty, students and community, the practices of Swachhta and Reduction, Reuse and Recycling of Resources.





Mahatma Gandhi National Council of Rural Education Department of Higher Education, Ministry of Education Government of India

Cert:SAP/MGNCRE/MHRD/0325/2008



# Certificate



Dr. W G Prasanna

This is to certify that SHRI R. L.T. COLLEGE OF SCIENCE, AKOLA, MAHARASHTRA is now a Recognized Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution. The Institution has successfully framed the SES REC Action Plan and constituted ten working groups for improving facilities in the Campus and the Community/Adopted Villages in the areas of Sanitation & Hygiene, Waste Management, Water Management, Energy Conservation and Greenery post COVID-19, along with the observation of three environment, entrepreneurship and community engagement related days to inculcate in faculty, students and community, the practices of Mentoring, Social Responsibility, Swachhta and Care for Environment and Resources.

Date of Issue:03-10-2020



Kumar Chairman

Mahatma Gandhi National Council of Rural Education
Department of Higher Education, Ministry of Education
Government of India

Certificate No.: MoE/SESREC/WB/SEPT/32



Plantation Drive by College NSS and NCC Units at Shivapur July 2020-21



Plantation drive at adopted village on 14/08/2020 also PHC centre was sanitized by the NSS Unit of college on the same day

# 3.4.1.

Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during

2021-22

# Tree Plantation at Shivapur village road side









# Report of Online Workshop on

# E-Waste Management: Reduce, Repair, Refurbish, Recycle & Reuse

Date: 11-08-2021

Issue Addressed: Environment consciousness

Department of Computer Science, Electronics and Physics in collaboration with Parent Teacher Association (PTA) organized online Workshop on "E-Waste Management: Reduce, Repair, Refurbish, Recycle & Reuse" on dated 11-08-2021 at 11:00am. Resource persons of this workshop were Dr. Y. S. Tamgadge, (HOD, Physics; Mahatma Fule Mahavidyalaya, Warud) and Mr. R. G. Chavan (HOD, Electronics; Shri R.L.T. College, Akola).



Inaugural speech by Principal Dr. V. D. Nanoty sir



Conduction of Programme by Dr. Archana S. Sawarkar





Guidance by Dr. Y. S. Tamgadge on topic "E-Waste Management: Reduce, Repair, Refurbish, Recycle & Reuse"

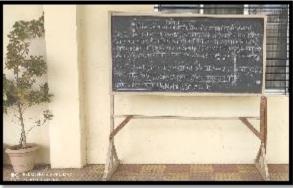


Online Workshop on "E-Waste Management: Reduce, Repair, Refurbish, Recycle & Reuse" For Students, Parents and all nature lovers.

#### **WASTE MANAGEMENT:**

a) Reuse of waste and old furniture for making notice boards and boards stands.





The waste and old furniture which was removed at the time of renovation of classrooms and laboratories is reused and notice board and stands were made. Through this waste furniture the wall notice boards are also made and fixed to the walls of every department in the campus

# **Street play and Rally**

















# संदेशफलक, चर्चासत्र, व्याख्यान, गटचर्चाइत्यादीमार्फतजनजागृती.



















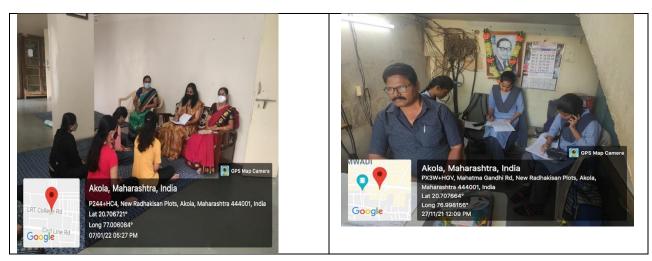




#### Water waste management by NSS Volunteer



# Awareness programme and survey on health cleanliness



Health awareness and clean awareness at slum area















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Covid-19 लसीकरणशिबिरामध्येमा.डॉ. मनीषशर्मा R.C. H. Officer जिल्हापरिषदअकोला, मा. डॉ. अस्मितापाठक, Nodal Officer Covid, City T.B. Officer, Akola Municipal Corporation





१२ ते १८ वायोगातायील शालेय मुलांचे तसेच १८ च्या वर वयोगटातील लसीकरण रासेयोशिबिराच्या माध्यमातून केले गेले





डॉ. मनीषशर्माआणिरासेयोकार्यक्रमअधिकारीदररश्मीजोशीह्यांनीव्हिडओ व्हानच्यासह्हायानेगावातीलमहिलांनाबबालकाच्यासुटृढआरोग्यासाठीविविधविडीयोक्लिप्सच्यामाध्यमातूनजनजागृतीकेली (LED)





गावातीलशालेयपरिसरातघाटेबांधूनघरट्यामध्येदाणेवपाणीटाकतांनामा.संचालकवरासेयोचीचमू.













गावातीलपरिसरस्वच्छंकरूनश्रमदानकेलेवस्वच्छताहीचचांगल्खयाआरोग्याचीखरीशिदोरीआहेहेगावकर्यांनापटवृनदिले.





Social and Scientific awareness Camp at adopted village



सामाजिककार्यकर्ताडॉ. स्वप्नालांडेगावातीललोकांनाजादूटोणाप्रतिबंधककायद्याविषयीसांगतांना



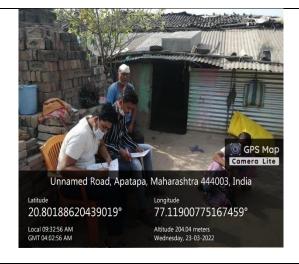
मा.डॉ. उदयवझेपक्ष्यांच्याजैवविविधताबद्दलमार्गदर्शनकरतांना





दत्तकगावसुलतानपुरयेथेउन्नतभारतअभियानअंतर्गतपारिवारिकसर्वेक्षणकरतांनादर. रश्मीजोशीवविद्यार्थी





**Survey of Villages under Unnat Bharat Abhiyan** 









# Labour work by NSS volunteers at Gram Apoti













सहकार्य.अधि. प्रा. शैलेशजयस्वाल , डॉ. रश्मीजोशी, डॉ. समाधानमुंडेवसंपूर्णरासेयोचीचम्













Hands on Training on Perfume and Saop Making