



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, BangaloreWithCGPA-3.12



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

**CRITERION III  
RESEARCH, INNOVATIONS AND EXTENSION**

**Key Indicator – 3.2  
Innovation Ecosystem**

**3.2.2: Workshops/Seminars conducted on Research Methodology,  
Intellectual Property Rights (IPR) and entrepreneurship**

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



*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*

AISHE CODE: C-43124

E-mail: [rltcollegeakola@gmail.com](mailto:rltcollegeakola@gmail.com)

Website: [www.rltsc.edu.in](http://www.rltsc.edu.in)

COLLEGE CODE: 210

Principal: Dr. Vijay D. Nanoty

phone: 0724-2415480, 9822724504

Ref.No : RLT/IQAC/CR-III

Date: 11/10/2022

### 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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**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**

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<b>Year 2017-18</b>	
Workshop on 'College level University Exam'	<b>8</b>
One day Workshop on EUREKA	<b>11</b>
Online Workshop, Training and Assessment Test	<b>12</b>
<b>Year 2018-19</b>	
District level Workshop on 'Cyber Crime and Women Safety'	<b>15</b>
One day Workshop on 'Ecofriendly Ganesh Idol Preparation'	<b>16</b>
National Level Workshop on "Art of Perfume and Soap Making"	<b>23</b>
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Guest Lecture on Blood and Its Component	<b>27</b>
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International Webinar on 'Recent Trends in Genetic Modification'	<b>29</b>
State level Seminar on "My Health My responsibility: complementary to medicine and Health care and Teacher's workshop on Teaching constraints in Microbiology and Allied sciences"	<b>30</b>

### **CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**

One day Workshop on EUREKA	<b>32</b>
Online Workshop, Training and Assessment Test	<b>37</b>
<b>Year 2019-20</b>	
One Day Workshop on Eco friendly Ganesha idol Preparation	<b>40</b>
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Self-Employment workshop for women on 'Making Different Products from Soyabean'	<b>46</b>
State Level Skill develop Workshop on Fresh Water aquaculture	<b>48</b>
National Conference on "Multidisciplinary Research in Science and Technology for healthy lifestyle management" (NCMRST-2020)	<b>57</b>
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National Level E- Certificate Course in 'Sericulture' (Online)	<b>75</b>
National Online Workshop on 'Operating Techniques of Scientific Instruments in Laboratory (OTSIL-2020)'	<b>78</b>
State Level Online Workshop on 'Intellectual Property Rights (IPR-2020)'	<b>83</b>
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Online Faculty Development Program (FDP) on 'Development of E-Content'	<b>91</b>
<b>Year 2020-21</b>	
Online Short term course in 'Research methodology' in collaboration with Ph.D cell SGB Amravati University, Amravati, AUCTA and MSI	<b>95</b>

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One Day Virtual workshop and Induction Program on National Education Policy-2020	<b>100</b>
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webinar on the topic 'Conservation of water' under the theme of ' <i>Catch the Rain where it falls, when it falls</i> '	<b>104</b>
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State level E-workshop on Eco friendly Holi	<b>112</b>
Online workshop on 'Chemistry Practical'	<b>114</b>
Online certificate course in 'Renewable source of energy'	<b>116</b>
6 Days E-certificate course in 'Apiculture'	<b>118</b>
Virtual guest lecture on Career perspective in Programming with Data Structure and Algorithms	<b>122</b>
One month add-on course on 'Digital skill for creative students-teacher' (DISC)	<b>127</b>
Workshop on "E-Waste Management: Reduce, Repair, Refurbish, Recycle & Reuse"	<b>131</b>
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### **CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**

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Virtual workshop on 'Nutritional Empowerment During Covid Pandemic'	<b>160</b>
Hands – On training on 'Perfume making'	<b>163</b>
One Day Skill Development Workshop on 'Making Herbal Products'	<b>164</b>
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One week certificate course on 'Skill development for pharmaceutical industry'	<b>167</b>
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### **3.2. InnovationEcosystem**

**3.2.2: Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years**

**54**

**3.2.2.1: Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the last five year**

<b>Year</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>
<b>Number</b>	<b>03</b>	<b>12</b>	<b>14</b>	<b>13</b>	<b>12</b>

**3.2**

**Innovation Ecosystem**

**3.2.2**

**Workshops/Seminars conducted on Research  
Methodology, Intellectual Property Rights (IPR) and  
Entrepreneurship during**

**2017-18**



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

**Shri RLT College of Science, Akola**

**Workshop on**

**“Work Distribution of University Examination conducted at College Level”**

**Date: 22.11.2017**

One day workshop was organized by Shri R.L.T. College of Science, Akola in collaboration with SGB Amravati University, Amravati on conduction and Valuation of University Examination of Sant Gadge Baba Amravati University Amravati. The workshop was held on 22.11.2017 under the guidance of Dr. Rajesh Jaypurkar, Pro-Vice-Chancellor, Dr. Jayant Wadte, Director of Examination and Valuation Committee, A. R. Kalbande, Deputy Registrar, Rahul Narwade, Deputy Registrar, Sanjay Erande, Deputy Registrar of Sant Gadge Baba Amravati and Dr. V. D. Nanoti Principal Shri R.L.T. College of Science, Akola.

The workshop is inaugurated and addressed by Pro-VC Dr. Jaypurkar, the session is also address by Dr. Wadte, he given detail information about changes in conduction in new pattern of University examination and valuation. Approximately 73 Principals from Akola and Washim District were participated in workshop. Dr. Subhash Bhadange, Principal Shri Shivaji College, Akola, Dr. Shriprabhu Chapke, Principal L.R.T. College of Commerce, Akola, Dr. Rajwade, Principal of Lawa College Akola, Principal Dr. Santosh Thakare, Principal Ratna Chandak, Principal Dr. Jagdish Sabu, Professor Subhash Jadhao were asked queries and discussed about new pattern of University Examination. Workshop was operated by Dr. Sudhir Kohchade, and Dr. U. K. Bhalerao expressed vote of thanks.



*S.R.L.*  
Dr. R. L. Rahatgaonkar,  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola

*Kalbande*  
Principal  
Shri R.L.T. College of Science  
Civil Lines, Akola (M.S.)

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

**संत गाडगे बाबा अमरावती विद्यापीठ**

Date: 13/11/2017  
क्र. संगगाबाअवि/३/संपमूस/ 52/२०१७  
दिनांक : ०७.११.२०१७

प्रति,  
प्राचार्य/प्राचार्या,  
सर्व संबंधित संलग्नित महाविद्यालये,  
संत गाडगे बाबा अमरावती विद्यापीठ

2017-18

**विषय :** हिवाळी-२०१७ परीक्षेपासून महाविद्यालयीन स्तरावर संचालित होणाऱ्या परीक्षा सुचारू पद्धतीने पार पाडण्याकरीता कार्यशाळेचे आयोजन करण्याबाबत..

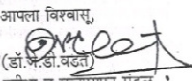
**संदर्भ :** क्र.संगगाबाअवि/३/संपमूस/४८७/२०१७ दि.२३.१०.२०१७

महोदय/महोदया,

संत गाडगे बाबा अमरावती विद्यापीठांतर्गत सर्व संलग्नित महाविद्यालयांमध्ये ज्या अभ्यासक्रमाकरीता प्रवेशाची पात्रता वग १२ वी पास आहे अशा सर्व पदवी स्तरावरील अभ्यासक्रमाच्या परीक्षांचे शैक्षणिक सत्र २०१७-१८ पासून विकेंद्रीकरण करण्याचा निर्णय घेण्यात आलेला आहे. सत्र पद्धती अभ्यासक्रमातील सत्र-१ हिवाळी-२०१७ च्या परीक्षा वेळापत्रकानुसार दिनांक ०७ डिसेंबर, २०१७ पासून नियोजित असून त्या महाविद्यालयीन स्तरावर संचालित करावयाच्या आहेत. परीक्षांचे संचालन हा संवेदनशील विषय असल्याने परीक्षांचे संचालन काढाकोरपणे, नियमबद्ध आणि सुचारू पद्धतीने होणे आवश्यक आहे. याकरीता परीक्षा विकेंद्रीकरणासंदर्भात निवेश क्र.४०/२०१७ दिनांक २८.१२.२०१७ व परीक्षा संचालन सुचारू पद्धतीने व्हावे याकरीता कार्यप्रणाली परीपत्रक दिनांक १४.१०.२०१७ अन्वये निर्गमित करण्यात आलेले असून यासंदर्भात संदर्भित पत्रानुसार सर्व संबंधित महाविद्यालयाला नोंदणीकृत डाकेने कळविण्यात आलेले आहे.

महाविद्यालयीन स्तरावर परीक्षांचे संचालन पहिल्यांदाच संचालित होत असल्यामुळे परीक्षांचे संचालन यशस्वीपणे पार पाडण्याकरीता जिल्हास्तरावर कार्यशाळा आयोजित करण्यात आलेली आहे. सदर कार्यशाळेला मा.प्र-कुलगुरू आणि संचालक, परीक्षा व मूल्यमापन मंडळ मार्गदर्शन करतील. आपणांस विनंती की खाणील सारणीतील स्तंभ क्रमांक १ मध्ये दर्शविलेल्या कार्यस्थळी व स्तंभ क्र.३ मध्ये दर्शविलेल्या तारखेला कृपया शिक्षकेतर कर्मचाऱ्यांमधून एक प्रतिनिधी चांचेसह उपस्थित राहून कार्यशाळेचे आयोजन यशस्वीपणे पार पाडण्याकरीता विद्यापीठास सहकार्य करावे.

अ.क्र.	कार्यशाळेचे स्थळ	तारीख	वेळ	संबंधित जिल्हाअंतर्गत असलेली महाविद्यालये
१	२	३	४	५
०१	दृकश्राव्य सभागृह, संत गाडगे बाबा अमरावती विद्यापीठ.	१८.११.२०१७	दु.१.०० वा.	अमरावती जिल्ह्यातील सर्व संबंधित महाविद्यालये
०२	दृकश्राव्य सभागृह, संत गाडगे बाबा अमरावती विद्यापीठ.	२०.११.२०१७	दु.१.०० वा.	यवतमाळ जिल्ह्यातील सर्व संबंधित महाविद्यालये
०३	श्री.राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला.	२२.११.२०१७	दु.१.०० वा.	अकोला आणि वाशिम जिल्ह्यातील सर्व संबंधित महाविद्यालये
०४	श्री.शिवाजी विज्ञान व कला महाविद्यालय, चिखली.	२५.११.२०१७	दु.१.०० वा.	बुलढाणा जिल्ह्यातील सर्व संबंधित महाविद्यालये

आपला विरबासु,  
(  
डा.भ.डी.जधव)  
संचालक, परीक्षा व मूल्यमापन मंडळ

**प्रतिलिपी :-**

- १) प्रमुख, संगणक केंद्र
- २) उपकुलसचिव (प्रशा.) - यांना विनंती की नमूद तारखेला दृकश्राव्य सभागृह कृपया उपलब्ध करून द्यावे.
- ३) कार्यकारी अभियंता - यांना विनंती की उपरोक्त नमूद तारखेला दृकश्राव्य सभागृहात विद्युत व्यवस्था व ध्वनीक्षेपण यंत्रणा कार्यरत ठेवण्यात यावी.
- ४) उपकुलसचिव (नामांकन)
- ५) उपकुलसचिव (सारणी)
- ६) सहाय्यक कुलसचिव (गोपनीय)
- ७) सहाय्यक कुलसचिव (आचार्य कक्ष)
- ८) सहाय्यक कुलसचिव (परीक्षा/चौकशी)
- ९) सहाय्यक कुलसचिव (परीक्षा)
- १०) सहाय्यक कुलसचिव (परीक्षा व मूल्यमापन मंडळ).

प्रत सविनय सादर :-



प्र-कुलगुरु डॉ. जयपूरकर : परीक्षा विकेंद्रीकरण कार्यशाळेला ७८ महाविद्यालयांची उपस्थिती  
**परीक्षा संचालनासाठी विद्यापीठ देणार  
 महाविद्यालयांना ३० टक्के खर्च!**

लोकमत न्यूज नेटवर्क

अकोला : परीक्षेमध्ये आणि निकालामध्ये एकत्रता यामी, यासाठी परीक्षेचे विकेंद्रीकरण करून ही परीक्षा महाविद्यालयीन स्तरावर संचालित करण्याचा निर्णय घेण्यात आला. या निर्णयापुढे महाविद्यालयांवर कोणताही आर्थिक चोझा पडणार नाही. परीक्षेचे संचालन करताना क्षेत्री व प्रकटीकलसाठी विद्यापीठ निधी देईल. महाविद्यालयांना ३० टक्के निधी अॅडव्हॉन्स मिळेल, अशी माहिती संत गाडगेबाबा अमरावती विद्यापीठचे प्र-कुलगुरु डॉ. राजेश जयपूरकर याने दिली.



बुधवारी दुपारी रालतो विज्ञान महाविद्यालयाच्या सभागृहात विद्यापीठाच्या हिर्यायी २०१७ महाविद्यालयीन स्तरावर संचालित होणाऱ्या परीक्षेबाबत कार्यशाळेत अध्यक्षस्थानावरून ते बोलत होते.

विद्यार्थ्यांवर मार्गदर्शक म्हणून परीक्षा व मूल्यमापन मंडळाचे संचालक डॉ. जयंत वडने, सहा.कुलसचिव अ.रा. कारळवाडे, सहा.कुलसचिव राहुल नरवाडे, सहा.कुलसचिव संजय एंडे, रालतो विज्ञान महाविद्यालयाचे प्राचार्य डॉ. विजय नानोटी उपस्थित होते.

प्र-कुलगुरु डॉ. राजेश जयपूरकर म्हणाले की, विद्यापीठ आणि महाविद्यालय एकच असून, सामान्यतः दोघांनाही काम करायचे आहे. परीक्षा संचालनाकरिता लागणारा खर्च विद्यापीठ देणार आहे. परीक्षा घेताना महाविद्यालय स्तरावर

**मागासवर्गीय  
 विद्यार्थ्यांच्या परीक्षा  
 शुल्काबाबत संभ्रम**

कार्यशाळेमध्ये काही प्राध्यापकांनी, मागासवर्गीय विद्यार्थ्यांकडून परीक्षा शुल्क घ्यायचे की नाही, याबाबत विचारले असता, डॉ. जयपूरकर यांनी, परीक्षा शुल्क घेऊ नये, असा शासन निर्णय आहे, त्याबद्दल मला सांगता देणार नाही, परंतु महाविद्यालयाना विद्यार्थ्यांचे परीक्षा शुल्क दिवापीठाकडे भरावे लागेल, असे सांगितले.

काही अडचणी आल्यास, त्या सोडविण्याचा विद्यापीठ प्रयत्न करेल, असे सांगितल्यावर अनेक प्राचार्यांनी उर्चाने रक्तून वादविषयाबाबत कार्यशाळेत मागणी केली. त्यावर डॉ. जयपूरकर यांनी, परीक्षा संचालनासाठी जो खर्च होईल, तो विद्यापीठ नियमानुसार महाविद्यालयांना देण्यात येईल, असे डॉ. जयपूरकर याने स्पष्ट

**एकस्टर्नल, इंटरनल नियुक्तीचे अधिकार**

महाविद्यालय स्तरावर परीक्षा घेण्यासाठी प्राचार्यांनी एकस्टर्नल, इंटरनल नियुक्त करताना काळजी घ्यावी. जवळचे एकस्टर्नल नियुक्त करावे. त्यांना टीए, डीए मिळेल. मासवर्ग, डिमास्क्रेग नियमानुसार करावे, त्यासाठी विद्यापीठ ने साहित्य सांगून, तेच वापरावे. समन्वय अधिकारीसुद्धा प्राचार्यांनीच निवडावा, असेही प्र-कुलगुरु डॉ. जयपूरकर यांनी सांगितले.

**आठ दिवसांत अॅडव्हल मिळेल**

सीएचबी अॅडव्हलला रोस्टर लागते. ज्या महाविद्यालयाचे प्रस्ताव विद्यापीठाकडे आले आहेत, त्यांना आठ दिवसांत अॅडव्हल मिळणार अगल्याचेही प्र-कुलगुरु डॉ. राजेश जयपूरकर यांनी प्राध्यापकांनी विचारलेल्या प्रश्नांना उत्तरे देताना स्पष्ट केले.

केले. परीक्षा व मूल्यमापन मंडळाचे संचालक डॉ. जयंत वडने यांनी परीक्षा विकेंद्रीकरण व परीक्षा प्रणालीची माहिती दिली. कार्यशाळेमध्ये शिवाजी महाविद्यालयाचे प्राचार्य डॉ. सुभाष भडंगे, डॉ. सतीश ठाकरे, लरानो बागिन्य महाविद्यालयाचे प्राचार्य डॉ. श्रीप्रभु चापके, प्राचार्य डॉ. राजवाडे, अकोला विधी महाविद्यालयाच्या

प्राचार्य रत्ना खांडक, प्राचार्य डॉ. जगदीश साबू, प्रा. सुभाष जाधव जादीगी प्रश्न उपस्थित केले. कार्यशाळेला अकोला व वाशिम जिल्ह्यातील ७३ महाविद्यालयांचे प्राचार्य, प्राध्यापक उपस्थित होते. कार्यशाळेचे संचालन प्रा. डॉ. सुधीर कोहचाडे याने तर आभार प्रा. यु.के. भालेकर याने मानले.

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION


#### One day workshop on “EUREKA: Students Guidance program”


Date: 25 November 2017

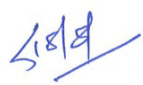
One day workshop “EUREKA” was organized on dated 25<sup>th</sup> Nov 2017 by Shri R.L.T. College of Science, Akola for students & teachers in collaboration with State Institute of Science, Nagpur and Education Department Z.P. Akola.

In the session of workshop all the participants visited the Department of Zoology, where information about the animal’s specimens and models, human skeleton etc was given. There was interaction between students, teachers and staff of Zoology Department. Dr. Rashmi Joshi Sawalkar conducted the Students guidance activity in the Department and guided the students ‘Aptitude test’ was conducted on the given information from different department. The workshop is coordinated by Dr. S.W. Bhaware sir under the guidance of Principal Dr. V.D. Nanoty sir



  
Head  
Department of Zoology  
**Dr. Sushil M. Nagarkar**  
Head,  
Dept. of Zoology,  
Shri R.L.T. College of Science  
AKOLA

  
Principal  
Shri RLT College of Science, Akola

  
Dr. R. L. Rahatgaonkar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Shri R. L. T. College of Science, Akola  
Department of Computer Science/ IT  
Session 2017-18

### Spoken Tutorial Project Report (Training & Assessment Test)

Department of computer science & I.T. organized **Spoken Tutorial Project** in feb-2018 and online assessment test conducted on **07-03-2018**. It is the part of is about teaching and learning a particular FOSS (Free and Open Source Software) like, C/C++, Java, PHP & MySQL, Libre Office etc. via an easy Video tool - Spoken Tutorials.

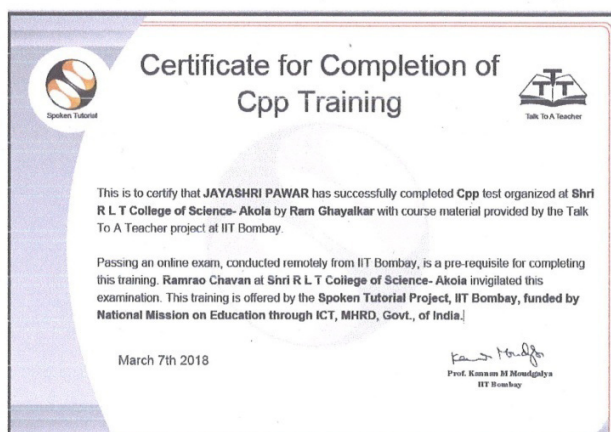
This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.

Spoken Tutorial Project is in following phases: Training & Assessment Test as mention above.

#### Details of Online Workshop & Training & Assessment Test is as follows:

- After enrolling the name of the students for one of the FOSS, there after one month training through self learning course material (Audio Visual) provided by the Talk To A Teacher project at IIT Bombay. We provide this training material in soft copy to enrolled students and also installed it on few computer systems in computer science laboratory for those students who doesn't have their own computer system( These tutorial are also run able on mobile devices.)
- After one month of self learning training by using computer/mobile system. There is online assessment test conducted by remotely from IIT Bombay, it is a pre-requisite for completed the training and if student scored this test with 40% marks then issue Certificate which are offered by the Spoken Tutorial Project, **IIT Bombay**.

In Final Assessment Test as a Free and Open Source Software on C++ which is online remotely conducted by IIT Bombay, **07 students** from B.Sc.III successfully passed with above 40 % marks in this test and issued **Certificates** which are offered by the **Spoken Tutorial Project, IIT Bombay**, which are very valuable in their career point of view.




### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION


#### List of Candidate Registered

#	First Name	Last Name	Email Id
1	ISHA	WASE	ishawase5@gmail.com
2	MAYURI	PANDHADE	mayuripandhade1997@gmail.com
3	RENUKA	GUPTA	renusgupta98@gmail.com
4	VAISHNAVI	MOSE	vmose2017@gmail.com
5	RASHMI	SURE	rsure2017@gmail.com
6	MAYURI	BIRKAD	mayuribirkad@gmail.com
7	JAYASHRI	PAWAR	jayshripawar456@gmail.com
8	PRATIKSHA	DESHMUKH	dpratiksha.pd777@gmail.com
9	VAISHALI	DEOKATE	vaishalideokate11@gmail.com
10	MANISHA	DEOKATE	deokateng@gmail.com
11	VISHNU	MISHRA	vhmishra123@gmail.com
12	VIVEK	SURVE	viveksurve28@gmail.com
13	VAISHNAVI	LANDE	vaishnavi.lande27@gmail.com
14	BHAVANA	PASARKAR	bhavnapasarkar11@gmail.com
15	ADITI	PHATE	phateaditi1997@gmail.com
16	JAYSHREE	APOTIKAR	japotikar96@gmail.com
17	RAHUL	MARAHHE	rahulmarathe2010@gmail.com
18	SARVESH	ANDHALE	asarvesh02@gmail.com
19	HARSHAL	GOKHE	luvgokhe@gmail.com
20	YUVRAJ	BHATI	bhatiyuvraj34@gmail.com
21	SHUBHAM	RAUT	raut1622@gmail.com

List of Students successfully passed the assessment test with above 40 % marks in this test and issued Certificates:

#	First Name	Last Name	Email Id
1	ISHA	WASE	ishawase5@gmail.com
2	JAYASHRI	PAWAR	jayshripawar456@gmail.com
3	VIVEK	SURVE	viveksurve28@gmail.com
4	VAISHNAVI	LANDE	vaishnavi.lande27@gmail.com
5	BHAVANA	PASARKAR	bhavnapasarkar11@gmail.com
6	RAHUL	MARAHHE	rahulmarathe2010@gmail.com
7	HARSHAL	GOKHE	luvgokhe@gmail.com

  
Dr. R. L. Rahatgaonkar,  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola

  
Mr. R. B. Ghayalkar  
(Assistant Professor)  
Project/ Workshop Organizer  
Department of Computer Science & IT  
Shri R. L. T. College of Science Akola



**3.2**

**Innovation Ecosystem**

**3.2.2**

**Workshops/Seminars conducted on Research  
Methodology, Intellectual Property Rights (IPR) and  
Entrepreneurship during**

**2018-19**

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### 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 Secretary, 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.



Dr. Rashmi P. Joshi

Coordinator of workshop



Dr. R.L. Rahatgaonkar

IQAC Coordinator



Dr. V. D. Nanoty

Principal



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Issue addressed: Environmental Consciousness

### One Day workshop on Eco friendly Ganesha idol Preparation.

Department of Microbiology, Shri RLT College of Science, Akola in collaboration with Department of Social forestry, Nisargakatta and Microbiologist society, India have organised one day workshop on Eco friendly Ganesha idol Preparation on 6<sup>th</sup> of September 2018. Dr. R.B. Heda president of BGE Society, Akola, Adv. M.G. Mohta Hon. Secretary BGE Society, Dr. V.D. Nanoty Principal, Ms. Namrata Tale Range forest officer, Mr. Amol Sawant and Dr. H.S. Malpani Co Ordinator of event were present in inaugural function.

Organising such event is need of time as, India is country where festivals of all religions are celebrated with great enthusiasm and unity. But due to ever increasing population, few practices in these festivals create burden on environment and contribute to pollution. Ganesha festival in one of the widely celebrated events where Lord Ganesh idols are worshiped for ten days. Most of the time these idols are made by plaster of Paris (POP) which when immersed in rivers, contribute to water pollution and adversely affect water ecosystem. An attempt was made to prepare Ganesha Idols by using Shadu soil, which get dissolved easily in water after immersion. This event not only created environmental awareness but also helped students to engage themselves positively to know their own hidden talents. Around 110 participants prepared beautiful Ganesha Idols of Shadu soil which will contribute to reduce water pollution and develop environmental consciousness. Certificates were distributed to all successful participants. Dr. U.K. Bhalekar, Ms. S. N. Gawande and all teaching and non-teaching staff of college were present for event.



(Weblink-<https://www.rltsc.org/2018/09/eco-friendly-ganesha-idol-preparation/>)


Dr. H.S. Malpani

Coordinator

Dr. R. L. Raharagaonkar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola

Dr. V.D. Nanoty

Principal



The BGE Society Akola's  
**Shri RLT College of Science, Akola**  
NAAC Re-Accredited by "A" Grade (CGPA-3.12)

Co-ordinately invites you  
**One day Workshop on  
*Ecofriendly Ganesha Idol Preparation***

Inauguration by the hands of  
**Dr. R. B. Heda**  
President B.G.E. Society, Akola

in Presence of  
**Adv. M. G. Mohta**  
Hon. Secretary B.G.E. Society, Akola


Chief Guest  
**Ms. Namrata Tale**  
Range Forest Officer

Organized by  
**Department of Microbiology**  
in  
Collaboration with  
**Department of Social forestry  
&  
NisargKatta, Akola**

**Date : Thursday, 6th Sept. 2018**

Organising Secretary      Co-Convenor      Convenor  
**Dr. H. S. Malpani**      **Dr. U. K. Bhalekar**      **Dr. V. D. Nanoty**

Organising Committee  
**Ms. S. N. Gawande, Dr. P. T. Agrawal  
Ms. S. J. Maheshwari, Ms. V. U. Bhusari,  
Ms. M. M. Deshmukh & All Member of MICRANS**



8:00AM-5:00PM

**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**

Sr. No.	Name	Amount	Sign
1	Ms. ANUTI ARUN SONE	70	<i>[Signature]</i>
2	Mr. SUMIT ANIL BADASE	70	<i>[Signature]</i>
3	Miss. Anjali Vinod Pawar	70	<i>[Signature]</i>
4	Miss. Pooja Balaji Kende	70	<i>[Signature]</i>
5	Miss. Vaishnavi Satish Sarawari	70	<i>[Signature]</i>
6	Miss. Rahini Prakash Bhopale	70	<i>[Signature]</i>
7	Miss. Vaishnavi Mahadeo Bathe	70	<i>[Signature]</i>
8	Miss. Preema Pramod Deshmukh	70	<i>[Signature]</i>
9	Ms. PALLAVI SHRIKRUSHNA MANSUTE	70	<i>[Signature]</i>
10	Ms. RUPALI MAHADEV BATHE <sup>shirgi</sup>	100	<i>[Signature]</i>
11	Ms. PRANALI ANIL CHOPADE	70	<i>[Signature]</i>
12	Ms. PALLAVI SANTOSH SHEGOKAR	70	<i>[Signature]</i>
13	<del>Ms. Deepali Ravi</del>		
14	DEEPA RAVI VARMA	70	<i>[Signature]</i>
15	VAISHNAVI MAHESH SHETE	70	<i>[Signature]</i>
16	SNEHA ARJUN WAHURWAGH	70/-	<i>[Signature]</i>
17	MRUNALINI SHAIKESH ALLAP	70/-	<i>[Signature]</i>
18	PALLAVI MAHADEO SONONE	70/-	<i>[Signature]</i>
19	PRERANA VINOD UBALE	70/-	<i>[Signature]</i>
20	KV. KANCHAN MANOJ MITRA*	100/-	<i>[Signature]</i>
21	KV. SAMIKSHA MILIND DHANDE*	100/-	<i>[Signature]</i>
22	MR NAGESH SHYAM AWACHAR*	100/-	<i>[Signature]</i>
23	MR. VED MANOJ DUBYE (ॐ)	100/-	<i>[Signature]</i>
	MUKAL CHADRASHEKAR		
	NANJURKAR*	100/-	<i>[Signature]</i>

**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**

No.	Name	Amount	Signature
25)	KU. SRUSHTI U. GHATE	70/-	[Signature]
26)	KU. SARUTI J. RATHI	70/-	[Signature]
27)	KV. RADHA B. KATRE	70/-	[Signature]
28)	KU. VASUNDHARA N. DUTONDE	70/-	[Signature]
29)	KU. SHRUTI A. PANCHBHAI	70/-	[Signature]
30)	KU. SHWETA R. RUDDRAKAR	70/-	[Signature]
31)	KU. NIKITA V. PINJARKAR	70/-	[Signature]
32)	KU. RAJSHRI G. RAUT	70/-	[Signature]
33)	KU. SEJAL K. JAISWAL	70/-	[Signature]
34)	KU. SAMRUDHI S. YEUTKAR	70/-	[Signature]
35)	KU. SHIVANI R. SHILWANT	70/-	[Signature]
36)	KU. VEDIKA N. VYAS	70/-	[Signature]
37)	Mr. ATHARVA MANOH BHARETI*	100/-	[Signature]
38)	Ms. NIKITA JAGDISH UPADHYE	70	[Signature]
39)	Ms. VAISHNAVI VILAS KHUMKAR	70	[Signature]
40)	Ms. YOSHITA KIRIT VEERA	70	[Signature]
41)	Ms. NISHIGANDHA UTTAM CHIMANKAR	70	[Signature]
42)	Mr. NIKHIL VISHWANATH DHANOKAR*	100/-	[Signature]
43)	Ms. SWATI RAJU BHISE	70/-	[Signature]
44)	KU. BHAVIKA MANOHAR KALE	70/-	[Signature]
45)	KU. VAISHANVI VEJAJ DESHPANDE	70/-	[Signature]
46)	KU. RANJAN NANKRAM MANGATANI	70/-	[Signature]
47)	KU. NAMRATA NERANJAN DAHATRE	70/-	[Signature]

**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**

Sl. No.	Name	Amount	
49)	MS. GAURI GIRIDHAR MAHULKAR	70/-	Mahul Mahul
50)	MS. PRERNA RAJESH MULEY	70/-	Prerna
* 51)	MS. SAKSHI PRAMOD DESHMUKH	70/-	Sakshi Deshmukh
52)	MS. KHUSHI NARESHKUMAR JAISINGHANI	70/-	Khushi Jaisinghani
53)	DR. ARCHANA AMALE	70/-	Archana
54)	DR. RASHMI JOSHI	70/-	Rashmi
55)	MS. ABOLI RAJENDRA HARNE	70	Aboli Harne
56)	M.S. DIVYANTI NADKISHOR HARNE	70	Divyanti Nadkishor
57)	Lekha. Deepak		
* 57)	LEKHA. DEEPAK UPADHYAY	70	Lekha
* 58)	ANJALI VIVEK JEMINI	70/-	Anjali
59)	Apeksha Satish Dhanawade	70/-	Apeksha Dhanawade
60)	Ashwini Sanjay Akochkar	70/-	Ashwini
61)	KU. DIKSHA DIPAK WAGH	70/-	Diaksha
62)	Mr. MANGESH RAMESH UBALE	70	Mangesh Udale
63)	DR. ROHITKUMAR.M. AGRAWAL	70	Rohit
64)	KU. SHRADDHA V. DALAL	70/-	Shraddha
65)	KU. APURVA G. MANATKAR	70/-	Manatkar
66)	KU. PRITI P. WANKHADE	70/-	Priti
67)	MS. SHIVANI RANJAN PAWAR	70	Shivani
68)	Ms. MANSI RAJENDRA HEDA	70	Mansi
69)	Ms. ADITYA ANAMI CHAH	70	Aditya

**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**

Sr. No.	Name	Amount	Sign
71	Ku. Namrata K. Thakare	70	NKThak
72	Ku. Pragati S. Abgad	70	Pragati
73	Ku. POOJA K. SOLANKE	70	Pooja
74	Ku. KOMAL B. SHINDE	70	Komal
75	Ku. DEVIYANTI S. DHARPAWAR	70	Deviyanti
76	Ku. Dewyani. T. Bannatkote	70	Bannatkote
77	Ku. SHRADDHA V. PANDE	70	Shraddha
78	Ku. Preeti S. Bhad.	70/-	Preeti
79	Ku. Nisha K. Hanumanante	70/-	Nisha
80	Ku. Pratiksha P. Nerkar	70/-	Pratiksha
81	Ku. Shreya S. Junghe	70	Shreya
82	Ms. KIRTI DINESH BHALA	70	Kirti
83	Ms. NIKITA SACHANAND		Nikita
	SACHWANI	70	Sachwani
* 84	MS. SHIVANI VIKRAMJI	70	Shivani
	BORKAR	70	Borkar
85	Ku. VAISHNAVI RAVINDRA	70	Vaishnavi
	TIKAR		Tikar
86	KU. AISHWARYA VIJAY	70	Aunase
	PUNASE		Aunase
87	Mr. ARUN B. KHEDRAR	70	Arun
89	Mr. ARHAM RITESH JAIN		Podar Int. Sch
90	SAKSHI RAJESH CHANRAWANSHI - Nand		



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION


### National Workshop cum seminar on ‘Art of Perfume and Soap making’


Date: 08/09/2018


Issues addressed: Self Employment

Education Must be for giving the jobs, not for securing the jobs’ with this motto Department of Chemistry’s CRYSTAL Club Organized 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 were the Resource persons 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.



  
**Dr. P.T. Agrawal**  
 Activity Coordinator

  
**Dr. R.L. Rahatgaonkar**  
 IQAC Coordinator

  
**Dr. V. D. Nanoty**  
 Principal



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION


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

Date: 19/12/2018


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.

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

  
Dr. A.S. Sawarkar  
Activity Coordinator

  
Dr. R.L. Rahatgaonkar  
IQAC Coordinator

  
Dr. V. D. Nanoty  
Principal

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION


### 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 be 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 about necessity 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

  
**Dr. Poonam T. Agrawal**  
 Coordinator of workshop

  
**Dr. R.L. Rahatgaonkar**  
 IQAC Coordinator

  
**Dr. V. D. Nanoty**  
 Principal

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

#### 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 warned 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 male volunteers as well as number of school students from the gram Aapoti got valuable information regarding their safety.



Dr. Rashmi P. Joshi  
Activity Coordinator

Dr. R.L. Rahatgaonkar  
IQAC Coordinator

Dr. V. D. Nanoty  
Principal

#### Guest Lecture on Blood and Its Component

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

**Issue addressed: Health Awareness**

**Guest Lecture organised by MICRANS**

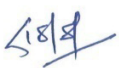
Micrans unit of Shri R.L.T. College Science in collaboration with Microbiologist Society India and Akola Blood Bank jointly organised **Guest lecture on 'Blood and its components' and 'Easy way to control Infection'** on date **4 February 2019**. Total 350 students and 15 teachers participated and got benefited from the lecture. Dr. V.D. Nanoty and Dr. U. K. Bhalekar were present for this event. Dr. Rekha M. Agrawal (Coordinator, Akola Blood Bank) delivered talk about Blood transfusions and blood components whereas Dr. A. M. Deshmukh delivered lectures on 'Easy way to control Infection'.

Dr. H. S. Malpani organised this event, Ms. S. N. Gawandé conducted event and Ms. M. M. Deshmukh proposed vote of thanks. Organising committee members Ms. S. J. Maheshwari, Ms. M.M. Deshmukh, Ms. V.U. Bhusari, teaching and non- teaching staff and students took efforts for this event.



  
Dr. H. S. Malpani

Coordinator MICRANS

  
Dr. R. L. Rahatgaonkar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola

  
Dr. V. D. Nanoty

Principal

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Issue Addressed: Health Awareness

### Guest Lecture of Dr. Awinash Saoji on Cancer awareness.

Department of Microbiology in collaboration with Microbiologist society of India organised guest lecture of Dr. Awinash Saoji founder of Seawnkur, Amravati on Cancer awareness on date 8<sup>th</sup> Feb 2019. Dr. R.B. Heda, President of BGE Society, Akola, Dr. V.D. Nanoty, Dr. U.K. Bhalekar, were present on dais. More than 200 students, teaching and non-teaching staff attended event. Dr. Awinash Saoji in his talk give brief information about Cancer, its causes and cure. Dr. R. B. Heda Congratulated Dr. Saoji for his dedication and Department of Microbiology for organising such event. Dr. H.S. Malpani conducted event and Ms. S.N. Gawande Proposed vote of thanks.



(Weblink:-<https://www.rltsc.org/2019/02/guest-lecture-on-cancer-awareness/>)

Dr. R. B. Heda  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola

Department of Microbiology 2018-19

Principal  
Shri R.L.T. College of Science  
Civil Lines, Akola (M.S.)

International Webinar on Recent Trends in Genetic Modification

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

**Issue addressed: Research propagation.**

### **International Webinar in collaboration with Badrinayan Barwale college, Jalna**

Department of Microbiology of Shri. R. L. T. College of Science, Akola in collaborations with Microbiology Society India and Badrinayan Barwale College, Jalna. Organised **One Day International Webinar on Recent trends in Genetic Modifications** on date **9<sup>th</sup> February 2019**. Dr. V. D. Nanoty, Dr. U. K. Bhalekr, Dr. H. S. Malpani, Ms. S. N. Gawande, all teaching staff and **43 students** of M.Sc. Microbiology attended this webinar.

Initiative for this webinar was taken by Dr. Suresh Kagne of Badrinayan Barwale College Jalna in association with Microbiologist Society India. Webinar started with Key Note address of Dr. Usha B. Zehr, Director of MAHYCO on topic Plant breeding innovation: Advances in agriculture. After that Dr. Tanzima Yasmin Professor, University of Rajshahi Bangladesh delivered talk on GMO and general concern. Third talk was of Dr. Abdullah Sahael of Jahangirnagar University Bangladesh on topic Optimisation of genetic engineering approaches for disease resistance citrus. Last talk of day was delivered by Mr. SutarSuhas, research scholar of Institute of Crop Sciences, China on topic CRISPR/Cas9 mediated editing of wheat to improve drought resistance.

This webinar gave audience opportunity to interact with international research scholars and helped in research propagation.



(Weblink:-<https://www.rltsc.org/2019/02/webinar-conducted-at-rlt/>)

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.)

**Issue Addressed: Propagation of scientific temperament**

Department of Microbiology 2018-19

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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### **State Level Seminar on My Health, My Responsibility: Complementary to Medicine and Healthcare' and Teacher's workshop on 'Teaching Constraints in Microbiology and Allied Sciences'**

Department of Microbiology in collaboration with Microbiologist Society India and IQAC organised State level Seminar for P.G. students and Poster competition for U.G. students under the theme 'My Health, My Responsibility: Complementary to Medicine and Healthcare' and Teacher's workshop on 'Teaching Constraints in Microbiology and Allied Sciences' on Date 28<sup>th</sup> February, 2019, on the occasion of National Science Day. The event was inaugurated by Dr. A. M. Deshmukh [President, Microbiologist Society India] in the presence of Dr. V. D. Nanoty [Principal, Shri RLT College of Science, Akola]. The event was presided by Dr. R. B Heda [President, The Berar General Education Society, Akola] and Adv. Motisingh Mohta [Hon. Secretary, The Berar General Education Society, Akola], Mr. Sharad Chaware [Joint Secretary, The Berar General Education Society, Akola] and other executive members of The Berar General Education Society, Akola graced the dais. Dr. Awasthi, Dr. Wakte, Dr. D. H. Tambekar and Dr. Zia Khan were present for the workshop. The event was inaugurated by Dr. R. B Heda and it benefitted approximately 325 students, teachers, and researchers from various universities. Dr. H.S Malpani gave the introductory speech which stressed upon why and how we are responsible for our own health. Dr. V. D Nanoty welcomed the guests and highlighted the achievements of the college and how students are responsible for the upliftment of the society. Dr. A. M Deshmukh congratulated the college for successfully organizing state and national level workshops, which would not have been possible without the help of the management. Taking this opportunity, Prof. K. D Pensionwar [Chikhali] was felicitated for his endless dedication in the field of microbiology. Dr. Sudhir Kohachale conducted the session, whereas Dr. U. K Bhalekar proposed vote of thanks.

The keynote addressee, Dr. A. M Deshmukh, addressed the event and gave information about health, infections and responsibility of individual as well as society towards community health. Dr. Shiva Aithal delivered invited talk about exercise and its benefits.

Under the theme 'My Health, My Responsibility,' a poster competition was conducted for the UG students. Over 300 students participated in this event. In this competition, Mr. Sagar Dubey [Shivaji College of Arts, Science, Commerce, Akola] stood first, Ms. Viral Chandra [Adarsh Mahavidyalaya, Dhamangaon] stood second and Ms. Pallavi Sonone [Shri RLT College of Science, Akola] stood third. Similarly, PG students participated in the seminar competition. Mr. Yogesh Bele [SGBAU, Amravati] stood first, Ms. Nivedita Dhurde [Shivaji College of Arts, Science, Commerce, Akola] stood second and Ms. Priyanka Nalwade [HPT Mahavidyalaya, Nashik] stood third. These events were conducted by Dr. Sudhir Kohachale and Dr. H. S. Malpani proposed vote of thanks.

The teacher's workshop was themed as 'Teaching constraints in microbiology and allied sciences' and was chaired by Dr. D.H. Tambekar [UG] and Dr. A. M Garode [PG]. Faculties from SGBA University, Amravati and other universities discussed about problems in teaching and syllabus upgradation. Student participants also gave their views on the need to upgrade the syllabus to meet the targets of competitive examinations.

*Department of Microbiology 2018-19*

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



(Weblink:-<https://www.rltsc.org/2019/03/state-level-seminar-my-health-my-responsibility/>)

**Dr. H. S. Malpani**  
Organising Secretary

**Dr. V. D. Nanoty**

Convenor



**Sant Gadge Baba Amravati University, Amravati**

**Shri R.L.T. College of Science, Akola**

(Re-Accredited 'A' Grade by NAAC with CGPA 3.12)

Organized

**One Day Workshop**

**EUREKA**

(Emerging Universe of Research Education & Knowledge Ascent)

For

**High School students and Teachers**

In Collaboration with

State Institute of Science Education, Nagpur

Department of Education (Sec.), Z.P. Akola &

District Science Forum, Akola

Date: 13<sup>th</sup> March 2019



**REPORT**



**- Organizers -**

**Dr. Vijay D. Nanoty**

Principal, Shri R.L.T. College of Science, Akola

**Dr. Archana S. Sawarkar**

Coordinator

Shri R.L.T. College of Science, Akola

**Mr. Prakash Mukund**

Education Officer (Sec.) Z. P. Akola

**Dr. Ravindra S. Bhaskar**

Coordinator

Akola District Science Forum

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

**Issue addressed: Scientific temper**

**One Day Workshop**

**EUREKA**

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 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 made 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. 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 work hard for success of workshop.

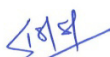


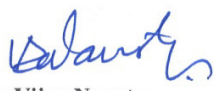
Presidential speech by Mr. Prakash Mukund,  
Education Officer (Sec.), Z.P. Akola



Winner Team of Science Aptitude Test

  
**Dr. Archana Sawarkar**  
Coordinator of Workshop

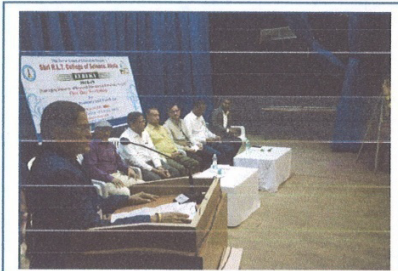






  
**Dr. Vijay Nanoty**  
Principal

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## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION







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<b>One day workshop</b> <b>EUREKA</b> <b>(Emerging Universe of Research Education &amp; Knowledge Ascent)</b> <b>Inaugural function</b>	
	
<b>Welcome speech by Dr. Archana Sawarkar, Coordinator of Workshop</b>	<b>Introductory speech by Dr. R.S. Bhaskar, Coordinator of District Science Forum</b>
	
<b>Inaugural address by Dinesh Tarole, Deputy Education Officer, Z.P. Akola</b>	<b>Presidential speech by Principal Dr. Vijay Nanoty</b>
	
<b>Vote of thanks by Madhav Munshi, Principal, New Eng. High School, Akola</b>	<b>Anchoring by Prof. Shailesh Jaiswal</b>

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Technical sessions & Laboratory visits	
	
<b>Guidance by Prof. Dattaraj Vidyasagar on Internet Awareness</b>	<b>Guidance by Dr. Sanjay Tidke on Science Behind Superstition</b>
	
<b>Guidance by Vishal More on Cyber World &amp; Security</b>	<b>Guidance by Prof. Shailesh Jaiswal on Know Our Universe</b>
	
<b>Visit to Zoology Laboratory</b>	<b>Introduction to Animal Kingdom</b>

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Laboratory Visits	
	
Visit to Chemistry Laboratory	Visit to Astronomy Gallery
	
Visit to Wild Life Pencil Art Exhibition	Visit to Botany Laboratory
	
Visit to Microbiology Laboratory	Visit to Computer Science Laboratory

### Online Workshop and Training and Assessment Test

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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**Shri R. L. T. College of Science, Akola**  
**Department of Computer Science/ IT**  
**Session 2018-19**

### **Spoken Tutorial Project Report** **(Training & Assessment Test)**

Department of computer science & I.T. organized **Spoken Tutorial Project** in feb-2018 and online assessment test conducted on 30-04-2019, it is the part of is about teaching and learning a particular FOSS (Free and Open Source Software) like, C/C++, Java, PHP & MySQL, LibreOffice etc. via an easy Video tool - Spoken Tutorials.

This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.

Spoken Tutorial Project is in following phases: Training & Assessment Test as mention above.

#### **Details of Online Workshop & Training & Assessment Test is as follows:**

- After enrolling the name of the students for one of the FOSS, there after one month training through self learning course material (Audio Visual) provided by the Talk To A Teacher project at IIT Bombay. We provide this training material in soft copy to enrolled students and also installed it on few computer systems in computer science laboratory for those students who doesn't have their own computer system (These tutorial are also run able on mobile devices.)
- After one month of self learning training by using computer/mobile system. There is online assessment test conducted by remotely from IIT Bombay, it is a pre-requisite for completed the training and if student scored this test with 40% marks then issue Certificate which are offered by the Spoken Tutorial Project, **IIT Bombay**.
- 

In Final Assessment Test as a Free and Open Source Software on C++ which is online remotely conducted by IIT Bombay, **07 students** from B.Sc.III successfully completed this training and issued **Certificates** which are offered by the **Spoken Tutorial Project, IIT Bombay**, which are very valuable in their career point of view.

#### **List of Students Registered also successfully passed the assessment test with above 40 % marks in this test and issued Certificates:**

#	First Name	Last Name	Email Id
1	NAMRATA	JOSHI	<a href="mailto:namratajoshi9106@gmail.com">namratajoshi9106@gmail.com</a>
2	NAMRATA	PONGANTY	<a href="mailto:namratanamo271@gmail.com">namratanamo271@gmail.com</a>
3	SHRADDHA	DHAWALE	<a href="mailto:dhawaleshraddha20@gmail.com">dhawaleshraddha20@gmail.com</a>
4	VAISHNAVI	DESHMUKH	<a href="mailto:vairuja174@gmail.com">vairuja174@gmail.com</a>
5	SHUBHAM	SHRIWAS	<a href="mailto:shubhams shriwas786@gmail.com">shubhams shriwas786@gmail.com</a>
6	VISHAL	TAYADE	<a href="mailto:vishaltayade201@gmail.com">vishaltayade201@gmail.com</a>
7	MAHADEV	GHUGE	<a href="mailto:mahadevghuge98@gmail.com">mahadevghuge98@gmail.com</a>



**Mr. R. B. Ghayalkar**  
(Assistant Professor)  
**Project/ Workshop Organizer**  
**Department of Computer Science & IT**  
**Shri R. L. T. College of Science Akola**

**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.)

**3.2**

**Innovation Ecosystem**

**3.2.2**

**Workshops/Seminars conducted on Research  
Methodology, Intellectual Property Rights (IPR) and  
Entrepreneurship during**

**2019-20**



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Shri RLT College of Science, Akola

Department of Microbiology

### One Day Workshop on Eco friendly Ganesha idol Preparation

Date: 28/08/2019

On the occasion of Golden Jubilee year 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" on 28-08-2019. In this workshop students got training about plaster and chemical free idol preparation. Around 110 School and college students of Akola city participated in event. Chief guest of Function was Shri Rajesh Khawale, deputy collector akola. Event was blessed with presence Distinguished personalities like Adv. M.G. Mohta, Hon. Secretary BGE Society, Shri Praksh Mukund Education officer Akola, Dr. V.D. Nanoty Principal Shri RLT College, Mr. Amol Sawant Founder of Nisargkatta. In same event Rs five thousand donated by MICRANS for Maharashtra flood victims. Dr. Harish Malpani organising secretary of workshop, Dr. U. K. Bhalekar, Ms. S.N. Gawande, Ms. P.T. Agrawal, Dr. R. L. Rahatgaonkar took efforts for making event successful.



Dr. R. L. Rahatgaonkar  
IOAC Co-ordinator

Principal  
Shri R.L.T.College of Science  
Civil Lines, Akola (M.S.)

Dr. H.S. Malpani  
Co-Ordinator

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

The D. G. B. Society  
Shri. R. L. T. College of Science, Akola  
NAAC re-Accredited by "A" Grade (CGPA-3.12)  
2019-2020

**One day Workshop on  
Eco Friendly Ganesha Idol Preparation**

**Organised by  
Department of Microbiology & Internal Quality Assurance Cell  
(IQAC)**

**In collaboration with  
Nisarg Katta, Akola  
28/08/2019**

Sr. No.	Name	Institute
1	MS. AVANTI M. DESHMUKH	R. L.T. SCI. COLLEGE
2	MS. JANHAVI N. MULAY	R. L.T. SCI. COLLEGE
3	MS. VAISHNAVI S. RAUT	R. L.T. SCI. COLLEGE
4	MS. VAISHNAVI P. RAUT	R. L.T. SCI. COLLEGE
5	MS. MEGHA SHARMA	R. L.T. SCI. COLLEGE
6	MS. ARPITA POPHALE	R. L.T. SCI. COLLEGE
7	MS. NIKITA TAYADE	R. L.T. SCI. COLLEGE
8	MS. VAISHNAVI R. TAYADE	R. L.T. SCI. COLLEGE
9	MS. PRIYANKA J. SHARMA	R. L.T. SCI. COLLEGE
10	MS. NEHA S. PHAPHAT	R. L.T. SCI. COLLEGE
11	MS. PRIYA PAWAR	R. L.T. SCI. COLLEGE
12	MS. ADITI S. RAUT	R. L.T. SCI. COLLEGE
13	MS. SIMRAN A. SACHDEO	R. L.T. SCI. COLLEGE
14	MS. SIMRAN GURBANI	R. L.T. SCI. COLLEGE
15	MS. NISHA A RATHOD	R. L.T. SCI. COLLEGE
16	MS. AYUTI A. SONE	R. L.T. SCI. COLLEGE
17	MS. APEKSHA S. DHANWADE	R. L.T. SCI. COLLEGE
18	MS. PRERANA P. DESHMUKH	R. L.T. SCI. COLLEGE
19	MS. TULSI JOSHI	R. L.T. SCI. COLLEGE
20	MS. TRUPTI R. NAKAT	R. L.T. SCI. COLLEGE
21	MS. ISHA P. ASAMBHE	R. L.T. SCI. COLLEGE
22	MS. PRATIKSHA R. GHUGE	R. L.T. SCI. COLLEGE
23	MS. SUCHITA P. VANJARI	R. L.T. SCI. COLLEGE
24	MS. MAYURI R. UPADHAYAY	R. L.T. SCI. COLLEGE
25	MS. SAMRUDHHI S. FOKMARE	R. L.T. SCI. COLLEGE
26	MS. ARATI C. KILLEDAR	R. L.T. SCI. COLLEGE
27	MS. RADHIKA U. PATIL	R. L.T. SCI. COLLEGE
28	MS. VAISHNAVI S. TAYADE	R. L.T. SCI. COLLEGE
29	MS. SHRUTI A. THAKARE	R. L.T. SCI. COLLEGE
30	MS. BHAVANA R. MAHANKAR	R. L.T. SCI. COLLEGE
31	MS. ASHWINI K. MANJARE	R. L.T. SCI. COLLEGE
32	MS. VAISHNAVI S. DHORE	R. L.T. SCI. COLLEGE
33	MS. MAYURI G. RATHOD	R. L.T. SCI. COLLEGE
34	MS. LEKHA D. UPADHAYAY	R. L.T. SCI. COLLEGE
35	MS. ANJALI V. JEMINI	R. L.T. SCI. COLLEGE
36	MS. VAISHNAVI R. MOHOD	R. L.T. SCI. COLLEGE
37	MS. VAISHNAVI G. ROKADE	R. L.T. SCI. COLLEGE
38	MS. PAYAL J. TRATAK	R. L.T. SCI. COLLEGE
39	MS. PRAGATI R. JADHAO	R. L.T. SCI. COLLEGE
40	MS. SWATI S. SHINDE	R. L.T. SCI. COLLEGE
41	MS. MAHIMA M. AMANKAR	R. L.T. SCI. COLLEGE
42	MS. NAYANA D. KHARBADKAR	R. L.T. SCI. COLLEGE

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

43	MS. MONIKA G. PACHPOR	R. L.T. SCI. COLLEGE
44	MS. TANVY B. DHORE	
45	MS. KANCHAN B. JOSHI	
46	MS. KRUTIKA A. KALBENDE	
47	MR. AJAY R. RAUT	JUBILEE ENG. HIGH SCHOOL
48	MR. KABIR D. UPADHAYAY	
49	MS. SANSKRUTI V GANOJE	R. L.T. SCI. COLLEGE
50	MS. PRISHA M. RATHI	PRABHAT KIDS
51	MS. RUTUJA R. RANPISE	R. L.T. SCI. COLLEGE
52	MS. ASHWINI B. PADMANE	R. L.T. SCI. COLLEGE
53	MS. SHRIYA R. RATHI	R. L.T. SCI. COLLEGE
54	MS KANCHAN C. PARASKAR	R. L.T. SCI. COLLEGE
55	MS NAMRATA R. RATHI	R. L.T. SCI. COLLEGE
56	MS. SUYESHA S. HADOLE	R. L.T. SCI. COLLEGE
57	MS. SWATI S. DHANKANI	R. L.T. SCI. COLLEGE
58	MS. REVATI H. UMBARKAR	HOLYCROSS CONVENT
59	MS. NIDHI. V INGLE	G. S. CONVENT
60	MS. LEENA DANGE	R. L.T. SCI. COLLEGE
61	MS. GAURI WALKE	R. L.T. SCI. COLLEGE
62	MS. RUTUJA R. TAHAKRE	R. L.T. SCI. COLLEGE
63	MS. KANCHAN MITRA	JANKIBAI CHODHARI
64	MS. SAMIKSHA DHANGE	DIGITAL ENG. SCHOOL
65	MR. ROHIT JOSHI	
66	SAIYAD IMRAN SAIYAD MOHD.	
67	MR. NISHIKANT KHAMBALKAR	
68	MS. SONALI R. DHURVE	R. L.T. SCI. COLLEGE
69	MS. SAKSHI S. DUBEY	R. L.T. SCI. COLLEGE
70	MS. NEHA V MANKAR	R. L.T. SCI. COLLEGE
71	MR. NEEL K. PATIL	
72	MS. MADHAVI R. FALKE	R. L.T. SCI. COLLEGE
73	MS. SHRUTI DESHMUKH	R. L.T. SCI. COLLEGE
74	MR. YASH C. KADAM	NOEL SCHOOL
75	MS. MONIKA M. AGRAWAL	R. L.T. SCI. COLLEGE
76	MS. PRAJAKTA S. VARMA	R. L.T. SCI. COLLEGE
77	MS. RUCHITA G. KAKADE	R. L.T. SCI. COLLEGE
78	MS. BHAGYASHRI D. SAWARKAR	R. L.T. SCI. COLLEGE
79	MS. ISHWARI R. HINGANE	R. L.T. SCI. COLLEGE
80	MS. PRAGATI V. NAWALKAR	R. L.T. SCI. COLLEGE
81	MS. VAISHNAVI S.SURE	R. L.T. SCI. COLLEGE
82	MS. ADITI R. UMALE	R. L.T. SCI. COLLEGE
83	MS.SAMRUDDHI S. YEUTKAR	R. L.T. SCI. COLLEGE
84	MR.SIDDESH G. PUROHIT	PODDAR INTERNATIONAL SCHOOL
85	MR.DEVKUMR J. SHARMA	KOTHA EI CONVENT
86	MS.RAJESHRI D.RAUT	R. L.T. SCI. COLLEGE
87	MS.PALLAVI P. PATIL	R. L.T. SCI. COLLEGE
88	POOJA N. MALVADIYA	R. L.T. SCI. COLLEGE
89	MS. M ITI M. RATHI	
90	MS. TANISHA M. RATHI	
91	MS. GAYATRI V. DHOMBLE	R. L.T. SCI. COLLEGE
92	MS. PRIYANKA S. SHIRME	R. L.T. SCI. COLLEGE
93	MS.SHIVANI BORKAR	R. L.T. SCI. COLLEGE
94		
95		
96		

*Dr. H.S. Malpani*

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

**SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA**  
 REPORT FOR IQAC 2019-20  
 (On the Occasion of Golden Jubilee Year of Shri R. L. T. College of Science, Akola)



**IQAC ACTIVITY No.8:**

Name of the Activity	<b>Plastic Bags Ban from Campus (Environment Awareness)</b> <b>(On the Occasion of Golden Jubilee Year of Shri R. L. T. College of Science, Akola)</b>		
Date	Faculty	Department/ Committee	Coordinator Name
02/10/2019	<b>Dr. Rashmi Joshi Sawalkar-Coordinator</b> <b>Dr. Samadhan L. Munde</b>	<b>NSS Unit of Shri R.L.T.College of Science, Akola</b>	<b>Dr. Rashmi Joshi Sawalkar</b>
Time	Venue	Number of Participants	Nature Indoor/Outdoor /Online/Offline
9 :00am to 11:00 am	<b>Shri R.L.T.College of Science, Akola</b>	<b>More than 100 students from college</b>	<b>Outdoor and Indoor</b>
Link	1. <a href="http://rltsc.edu.in/2019/10/07/mahatma-gandhi-jayanti-2019/">http://rltsc.edu.in/2019/10/07/mahatma-gandhi-jayanti-2019/</a> 2. <a href="https://youtu.be/gZnMwLU-zng">https://youtu.be/gZnMwLU-zng</a> Link for Street Play on Plastic Ban.		
Spread sheet Link	-----		
Detail Analysis Report	<b>Not only R.L.T.College students but the faculty members too joined the drive.</b>		
Support/ Assistance	<b>Shri R.L.T. College of Science, Akola</b>		

**BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. 7.1.4)**

TOPIC/ SUBJECT OF THE ACTIVITY	<b>“Plastic Bags Ban from Campus”</b> <b>Issue Address: Environmental awareness</b>
OBJECTIVES	1. To make environmental conservation & awareness 2. To aware students that it is their social responsibility to conserve the environment, riers and animals. 3. To decrease the pollution of plastic in water bodies. 4. To keep balanced Ecosystem. 5. Students Should learn to be a nature lover.

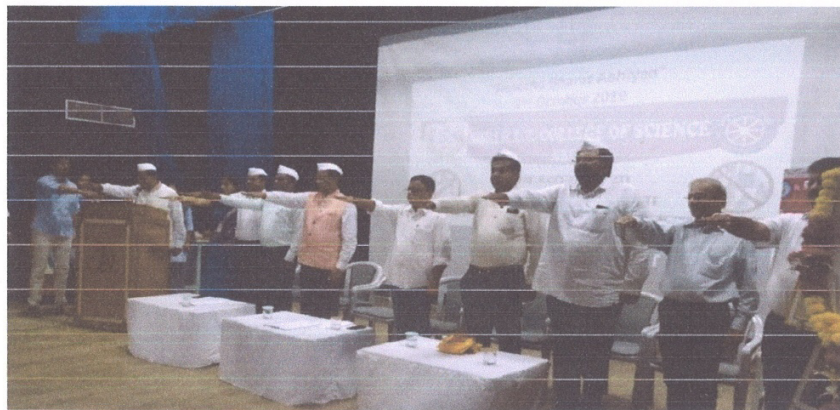
## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

METHODOLOGY	<p>On the occasion of Mahatma Gandhi Jayanti, 2/10/2019 the NSS unit organized a Swachha Bharat Swastha Bharat Campaign by doing Plastic Bags Banned in the college campus. The programme was conducted by Dr. Rashmi Joshi, NSS P.O. in collaboration of Rotary Club Akola and Akola Municipal Corporation. Run for Plastic Ban was arranged with about more than 100 volunteers. During the rally street play was performed at different places for making awareness in society. While doing cleanliness during rally the students with posters in their hands and the slogans by volunteers as ..</p> <p style="text-align: center;"><b>“Desh Ko Bachana Hai , Plastic Ko Hatanahai”</b></p>
OUTCOMES	<ol style="list-style-type: none"> <li>1. This event creates and develops awareness in the students about the conservation of Rivers, Environment and wild life from Plastic.</li> <li>2. Students come to know... How harmful the Plastic is?</li> <li>3. At the end of this program, students should be able to....             <ul style="list-style-type: none"> <li>• Observe the satisfaction by their own and become the Environment Conserver.</li> <li>• Becomes more cautious about the Environment Conservation and their social responsibility.</li> </ul> </li> </ol>
PHOTOGRAPHS	
 <p style="text-align: center;">Mr. Sanjayji Kapadnis, Municipal commissioner Akola</p>	
	

**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**



Street Play by NSS volunteers at City Bus Stop Akola.



Municipal Commissioner of Akola, President of Rotary Club, Principal Dr. V.D. Nanoty, Dr. Rashmi Joshi NSS P.O., Dr S.L. Munde, Dr. S. R. Kohchale and other dignitaries on the dias taking Oath to Ban Plastic Bags.

Coordinator

**Dr. Rashmi Joshi Sawalkar**  
Assistant Professor & NSS P.O.,  
Department of Zoology,  
Shri R.L.T. College of Science, Akola

Dr. R.L. Rabatgaonkar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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

#### REPORT FOR IQAC 2019-20

(On the Occasion of Golden Jubilee Year of Shri R. L. T. College of Science, Akola)


#### IQAC ACTIVITY

Name of the Activity	<b>Self Employment workshop for women on 'Making Different Products from Soyabean'</b> (On the Occasion of Golden Jubilee Year of Shri R. L. T. College of Science, Akola)		
Date	Faculty	Department/ Committee	Coordinator Name
11/12/2019	Dr. Rashmi Joshi Sawalkar-Coordinator  Dr. Samadhan I. Munde Co-coordinator  Shri Shailesh Jaiswal- Member  Mrs Sonali Gawande- Member	NSS Unit  Shri R.L.T.College of Science, Akola	Dr. Rashmi Joshi Sawalkar
Time	Venue	Number of Participants	Nature Indoor/Outdoor /Online/Offline
1 :00 pm to 6:00 pm	NSS Special Camp at Apoti Khurd	75 Girls & 33 Boys	Indoor
Link	<a href="http://rltsc.edu.in/wp-content/uploads/2021/03/NSS-Special-Camp-Report-2019-20.pdf">http://rltsc.edu.in/wp-content/uploads/2021/03/NSS-Special-Camp-Report-2019-20.pdf</a>		
Spread sheet Link	-----		
Detail Analysis Report	Not only R.L.T.College students but also the women and villagers get benefited by this One Day Workshop for Women Employment..		
Support/ Assistance	Shri R.L.T. College of Science, Akola		

#### BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. ....)

TOPIC/ SUBJECT OF THE ACTIVITY	<b>One Day Workshop for Women Employment "Making Different Products from Soyabean"</b>
OBJECTIVES	<ol style="list-style-type: none"> <li>1. To educate them how should she can self-Employ.</li> <li>2. Rural ladies just can start a small scale industry from there home</li> </ol>

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

	<p>itself.</p> <ol style="list-style-type: none"> <li>3. To create women Empowerment and to make them Self Reliant.</li> <li>4. To guide the women and girl students how to start a Household business from very less finance.</li> <li>5. All round Development and confidence building in the village Women.</li> </ol>
METHODODOLOGY	<p>On the 5<sup>rd</sup> day of camp (11/12/19) at Aapotikh. a One Day Workshop was organized on “<b>Making Different Products from Soyabean</b>” by Dr. Rashmi Joshi Sawalkar (NSS P.O.) and The guest was MrsVanita Kadam, Tanishka Coordinator, DainikSakal. The Demo was given to the women present over there. Seven Different Products from soyabean was made and training given to them. The 7 products ,were Soya Milk, Chakli, Gulab Jamun, Soya Paneer etc were made. The Workshop was conducted in two sessions..</p>
OUTCOMES	<ol style="list-style-type: none"> <li>1. Total 100 students and women from adopted village get benefited by this Lecture, which is actually a big outcome.</li> <li>2. At the end of this programme girl students and rural women should be able to.... <ul style="list-style-type: none"> <li>• Observe the change in their personality.</li> <li>• Develop self Employment and moral support.</li> <li>• Skill development be seen in them.</li> </ul> </li> <li>3. Self-confidence and Skilled trainee is developed among the students and rural women.</li> </ol>
PHOTOGRAPHS	
	



Coordinator  
**Dr. Rashmi Joshi Sawalkar**  
 Assistant Professor & NSS P.O.  
 Shri R.L.T. College of Science, Akola




Dr. B. 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.)





**National Fisheries Development Board, Hyderabad**  
In Collaboration with  
**Shri R.L.T. College of Science, Akola**

**Sponsored**  
**Three day's Skill Development Programme on Fresh Water Aqua Culture**

**Organized by**  
**Department of Fisheries, Govt. of Maharashtra,**  
**Assistant commissioner of Fisheries, Akola in partnership with**  
**National Fisheries Development Board, Hyderabad,**  
In Collaboration with  
**Shri R.L.T. College of Science, Akola**

**From 02 January 2020 to 04 January 2020.**



**Three day's Skill Development Programme on Fresh Water Aqua Culture**  
**Department of Fisheries, Govt. of Maharashtra,**  
**Assistant commissioner of Fisheries, Akola in partnership with**  
**National Fisheries Development Board, Hyderabad,**  
**In Collaboration with**  
**Shri R.L.T. College of Science, Akola**

Three days skill development programme on Fresh Water Aqua Culture was organized by Department of Fisheries, Government of Maharashtra, Assistant commissioner of Fisheries, Akola in Partnership with National Fisheries Development (NFDB), Hyderabad in collaboration with Shri. R. L. T. College of Science, Akola.

**Introduction**

Fisheries is a sunrise sector in Indian agriculture, with high potentials for diversification of farming practices, rural and livelihood development, domestic nutritional security, employment generation, export earnings. This sector provides employment opportunity to people from villages, Farmers, and people who are interested in Fish farming. In the present era of food insecurity, aquaculture shows enormous potential to feed not only the ever increasing human population but also the aquaculture products can be utilized as a feed ingredient in the diets of different domesticated animals of high commercial value. The aquaculture sector has become a modern, dynamic industry that produces safe, high valuable and high quality products, and has developed the means to be environmentally sustainable aquaculture is currently the need in India as elsewhere. Fish farming is the raising of specific species of fish in enclosures or special tanks. The fish raised on farms are primarily for food, though the objectives of this aspect of aquaculture include more than increasing the seafood supply. There are employment and economic advantages, as well as the possibility of sustaining species that might be over-fished if not for the controlled environments of fish farms.

**Objectives**

1. To introduce welfare schemes for upliftment of fishermen community and farmers.
2. To provide guidance, resources and support system.
3. Effective utilization of aquatic and land resources.
4. To promote culture fisheries in the state by utilizing all the available resources to boost fish production.
5. To propagate fish culture to provide avenues of earnings to the uneducated, educated unemployed people and farmers.
6. To develop recreational fisheries as means of earnings.

**Day 1 (02-01-2020) Thursday**

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

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

the participants and audience this programme was conducted by Dr. Archana Sawarkar and Dr. Sudhir Kohchale proposed vote of thanks.

### Technical Session 1

In the first technical session **Ashitosh Jadhao** assistant fisheries development officer delivered his talk on Tilapia farming methods. He explained how tilapia was introduced in India, and benefits of culturing Tilapia as tilapia can be cultured throughout the year and its density is more than other fishes like Rohu, Catla etc. also it can grow at faster rate than rest of the fishes it is monosexual and can reverse its sex. It can tolerate harsh environment conditions and grows faster so beneficial in farming proving good revenue.

### Technical Session 2 and 3

**Shri. K. S. Badihaveli**, Fisheries Development Officer delivered lecture on **site Selection for Aqua culture and Fresh water Pearl farming**, in his talk he elaborated on selecting good site for aqua culture and how water salinity, pH, temperature effects the fish culture, also he explained the effect of topography, soil type on Aquaculture. He emphasized more on ecological, economical, social aspects while selecting the site. In pearl farming he explained collection by hand picking, acclimating and implantation methods. He explained two methods of implantation namely Gonadal Implantation and Muscle implantation, post stocking management and Harvesting techniques.

### Technical Session 4

In third technical session **Ashitosh Jadhao** assistant fisheries development officer delivered his lecture on Integrated culture System, where he explained integrated fish farming is one of the best example of mixed farming. It refers to the simultaneous culture of fish of shell fish along with other culture system. The integration of aqua culture with livestock or crop farming provides quality protein food, resource utilization, recycling of farm waste, employment generation and economic development.

### Technical Session 5

**Dr. Archana Sawarkar**, Assistant Professor Department of Zoology delivered her talk on Fresh water Fishes. She explained how fresh water fishes differ physiologically from salt water fishes in several respects like, their gills must be able to diffuse dissolved gases while keeping the salts in the body fluids inside. Their scales reduced water diffusion through the skin therefore the fish that have lost too many scales will die. She included morphological slides of fresh water fishes in her power point presentation.

### Day 2 (03-01-2020) Friday

#### Field Visit to Mahan (IMC breeding and Culture Techniques)

On day second with all participants visited Katepurna Breeding Centre at Mahan, where technical guidance was provided by Shri. Vinod Rathod, Fisheries Development officer. Firstly he explained different Indian major carps like Catla catla, Labeo rohita and Cyprinus carpio he talk about identifying male and female fishes. He introduced the visitors about overhead water storage tank; it is used to supply sufficient water for spawning, incubation and storage tanks. He explained all the techniques of culturing fishes, breeding techniques, types of breeding, types of tank etc. Participants also observed water filtering plant which reduces the adulteration of our fish tanks by the eggs of other species.

### Day 3 (04-01-2020) Saturday

#### Technical Session 6 and 7

**Amita Jain**, Asstt. Fisheries development officer she delivered her lecture on **Fish in Human Diet and Value aided fish Farming**. She explained how fish plays important role in fighting hunger and malnutrition. Fish is not only a source of proteins and healthy fats, but also a unique source of essential nutrients including long chains Omega-3, Fatty acids, Iodine, Vitamine D and calcium, a small fish

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

eaten whole containing nutrients in the skin and bones clearly illustrates sea food's irreplaceable nutritional value.

### Technical Session 8

Visit to Fisheries Laboratory of Shri. R. L. T. College of Science, Akola, **Shri. Sunil Gupta**, shown different stages of fishes from fertilized egg to adult fish. He also showed preserved predator fishes specimens which are harmful to aqua culture.

### Technical Session 9

#### Discussion and Feedback of participants

In this session participants were allowed to ask their questions and queries and for this Shri. Suresh Bharti satisfied them by his experienced guidance.

### Technical Session 9

**Dr. Sudhir Kohchale**, Assistant Professor Department of Zoology delivered his lecture on Fish Disease, he explained different diseases which decreases the yield of fish farming how it causes great loss to the farmers. He explained different parasites attacking fishes like, Bacteria, Viruses and worms also talk on different symptoms of diseases and treatment available.

### Technical Session 10

**Shri. Suresh Bharti**, Assistant Commissioner of Fisheries Guided participants on different schemes of fish farming and how to make use of government schemes for construction, renovation, extension or remodeling of fish farms. he explained construction of landing centers, riverine fisheries conservation.

### Validictory function

Validictory function was presided by Dr. V. D. Nanoty, Principal Shri. R. L. T. College of Science, Akola in gracious presence of Shri. Suresh Bharti and Dr. P. P. Ade Head of the Department Zoology Shri. Shivaji College, Akola, Dr. U. K. Bhalekar HOD, Microbiology, Dr. Sudhir Kohchale and Dr. Archana Sawarkar. After floral welcome and felicitation of the guest Dr. Archana Sawarkar, read the report of three days workshop, Vaibhav Wakkar Mahadeo Malte proposed their views among participants. Participants were guided by all dignitaries after presidential speech certificates were distributed to the all participants Dr. Sudhir Kohchale conducted this programme and Govind Andhale proposed vote of thanks.

**Three days Skill Development Programme on Fresh Water Aqua Culture**  
Organized by  
Department of Fisheries, Govt. of Maharashtra, Assistant commissioner of Fisheries, Akola  
in partnership with National Fisheries Development Board, Hyderabad  
In Collaboration with Shri R.L.T. College of Science, Akola

Venue: Shri R. L. T. College of Science, Civil Lines, Akola, Dist. Akola      Date : 2<sup>nd</sup> January 2020 to 4<sup>th</sup> of January 2020

**Programme Schedule**  
Date : 02/01/2020

**Organizers**

Dear Sir/Madam,

You are cordially invited to attend the "Three days Skill Development Programme on Fresh Water Aqua Culture" organized by Department of Fisheries, Govt. of Maharashtra, Assistant commissioner of Fisheries, Akola in partnership with National Fisheries Development Board, Hyderabad in collaboration with Shri R.L.T. College of Science, Akola

**Registration: 10.30 am to 11.00 am**  
**Inaugural Function: 11.00 am**

**Chief Guest** : Shri. S. R. Bharti (Asst. Commissioner of Fisheries)  
**Chairman** : Dr. R. B. Heda (President, The B. G. E. Society, Akola)  
**Gracious Presence** : Adv. M. G. Mohta (Hon. Secretary, The B. G. E. Society, Akola)  
: Dr. Vijay D. Nanoty (Principal, Shri R.L.T. College of Science, Akola)  
: Dr. R. L. Rahatgaonkar (IQAC, Coordinator)

<p><b>Date : 02/01/2020</b></p> <p>Technical session 1 : 12.30pm to 1.30 pm Smt. Anjali Jadhav (Asst. Fisheries Dev. Officer) Topic : Fish in Human Diet</p> <p>Technical session 2 : 1.30 pm to 2.45 pm Smt. Ashilash Jadhav (Asst. Fisheries Dev. Officer) Topic : Tilapia Farming Methods</p> <p>Lunch Break: 1.45 pm to 2.30 pm</p> <p>Technical session 3 : 02.30 pm to 3.15 pm Smt. Ashilash Jadhav (Asst. Fisheries Dev. Officer) Topic : Integrated Culture System</p> <p>Technical session 4 : 3.15 pm to 4.00 pm Smt. K. S. Badhwar (Asst. Fisheries Dev. Officer) Topic : Site Selection for Aqua Culture</p> <p>High Tea 4.00 pm to 4.15 pm</p> <p>Technical session 5 : 4.15 pm to 5.00 pm Dr. Archana Sawarkar (Asst. Professor Department of Zoology, Shri R. L. T. College of Science, Akola) Topic : Fresh Water Fishes</p>	<p><b>Date : 03/01/2020</b></p> <p>Field Visit to Mahan : SMC, Breeding and Culture Techniques Technical Guidance : Shri. V. S. Rathod (Fisheries Development Officer)</p> <p><b>Date : 04/01/2020</b></p> <p>Technical session 6 : 10.00 am to 10.45 am Smt. Anjali Jadhav (Asst. Fisheries Dev. Officer) Topic : Value Added Fish Farming</p> <p>Technical session 7 : 10.45 am to 12.30 pm Smt. K. S. Badhwar (Asst. Fisheries Dev. Officer) Topic : Fresh Water Pearl Farming</p> <p>High Tea 11.30 am to 11.45 am</p> <p>Technical session 8 : 11.45 am to 12.30 pm Dr. Sudhir Kohchale (Asst. Professor Department of Zoology, Shri R. L. T. College of Science, Akola) Topic : Fish Diseases</p> <p>Technical session 9 : 12.30 pm to 1.15 pm Visit to Fisheries Laboratory</p> <p>Lunch Break: 1.15 pm to 2.00 pm</p>
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**Validictory Function: 2.00 pm to 3.45 pm**  
Mr. Suresh R. Bharti  
(Asst. Commissioner of Fisheries)  
Topic : Different Government Schemes for the culture (Bor, Bor, Cereus, of Fisheries, Akola Revoluion/2017)

2.45 pm to 3.30 pm  
Discussion and Feed Back of Participants

**High Tea 3.30 pm**  
**Validictory Function: 4.00 pm**  
President : Dr. Vijay D. Nanoty  
(Principal, Shri R.L.T. College of Sci., Akola)  
Gracious Presence : Dr. P. P. Ade  
(Asst. Secretary, Govt. Civil Lines, Akola)  
Certificate Distribution: 5.00 pm

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Three days Skill Development Programme on Fresh Water Aqua Culture

Organized by

Department of Fisheries, Govt. of Maharashtra, Assistant commissioner of Fisheries, Akola in partnership with National Fisheries Development Board, Hyderabad, In Collaboration with Shri R.L.T. College of Science, Akola

Venue: Shri R. L. T. College of Science, Civil Lines, Akola Dist.: Akola

Date: From 2nd January 2020 to 4<sup>th</sup> of January 2020

Sr. No.	Name	Class room session	Field visit / Demonstration	Training Manual	Resource Persons	Other arrangements like classroom, training material, lunch, refreshment etc.	Overall Usefulness of the training	Other Suggestions
1	Amol V. Dighe	Good	Very Good	Good	Very good	Very good	Very good	Thank you
2	Shivam d. Adhao	Good	Very good	Satisfactory	Good	Very good	Very good	Session was confusing
3	Vaibhav H. Pradhan	Good	Very good	Very good	Good	Good	Very good	Try to visit farmers
4	Vimal Palaspagar	Very good	Very good	Very good	Very good	Very good	Very good	Try to take more session
5	Satish A. Sirsaat	Very good	Very good	Very good	Very good	Very good	Very good	The program was well organize
6	Ganesh J. Chawke	Very good	Very good	Very good	Very good	Good	Very good	The program was well organize
7	Sunil N.Hanuwate	Very good	Very good	Very good	Very good	Very good	Very good	Take more session
8	Dnyandeo Mohare	Very good	Very good	Very good	Very good	Very good	Very good	More program should be organize
9	Ramkrushna B. Kale	Good	Very good	Very good	Very good	Very good	Very good	Program was well
10	Nitesh S. More	Very good	Very good	Very good	Very good	Very good	Very good	Try to take more session
11	Mitesh B. Bughe	Very good	Very good	Good	Good	Good	Good	Sessions was well described
12	Sanjay Chavhan	Very good	Very good	Very good	Very good	Very good	Very good	More programs
13	Vinayak Wankhade	Good	Good	Good	Good	Very good	Good	Thank you
14	Sunil W. Agale	Good	Good	Good	Good	Good	Good	Thank you
15	Rahul S. Agale	Good	Good	Good	Good	Good	Very good	Presentation good
16	Mohit V. Agale	Very good	Very good	Very good	Very good	Very good	Good	Try to take more session
17	Nitesh Kale	Very good	Good	Good	Good	Good	Good	Thank you
18	Ganesh Tayade	Very good	Very good	Very good	Very good	Very good	Very good	More programs

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

19	Hrushikesh Kshirsagar	Very good	Very good	Very good	Very good	Very good	Very good	Try to take more session
20	Vijay Tayade	Very good	Very good	Very good	Very good	Very good	Very Good	Try to take more session
21	Amol Surjuse	Good	Good	Good	Good	Very good	Very good	3 days workshop was very good
22	Abhishek Surjuse	Good	Good	Good	Very good	Very good	Good	3 days workshop was very good
23	Abhishek Jadhav	Good	Good	Very good	Very good	Good	Good	3 days workshop was very good
24	Sandeep Bhagat	Good	Good	Good	Very good	Very Good	Good	3 days workshop was very good
25	Mahadeo Malte	Good	Very good	Very good	Very good	Good	Good	Thank you
26	Madukarrao Amate	Very good	Very good	Very good	Very good	Very good	Very good	Thank you
27	Mr. S. G. Modak	Very good	Very good	Very good	Very good	Very good	Very good	Thank you
28	Mr. S. R. Gawande	Very good	Very good	Very good	Very good	Very good	Very good	Thank you
29	Shri. Sumedh Gajbhiye	Very good	Very good	Very good	Very good	Very good	Very good	Perfect
30	Shri. Shiva Malte	Very good	Good	Very good	Very good	Very good	Very good	Very good
31	Akhilesh Puranik	Very good	Very good	Very good	Very good	Very good	Very good	Very good
32	Hrutuja Gopnarayan	Very good	Very good	Good	Good	Good	Very good	Take more session
33	Divyani Mulatkar	Good	Very good	Very good	Very good	Very good	Good	Overall experience was good
34	Kalyani Kanojiya	Very good	Very good	Good	Very good	Very good	Very good	Nicely conducted
35	Divya Paraskar	Very good	Very good	Very good	Very good	Very good	Very good	All over workshop was good
36	Ujwal Patel	Very good	Very good	Good	Very good	Good	Good	Good experience
37	Prasad Gulhane	Very good	Good	Good	Good	Good	Very good	Session was good
38	Sakshi Kondawar	Very good	Very good	Very good	Very good	Very good	Very good	Take more workshop
39	Nehul Bhogal	Very good	Very good	Good	Very good	Good	Very good	Focus on presentation
40	Rushikesh Gaikwad	Very good	Very good	Good	Very good	Satisfactory	Very good	Meal was incomplete at Maha
41	Raksha Sharma	Very good	Very good	Very good	Very good	Very good	Very good	Workshop was very interesting
42	Govind Andhale	Very good	Very good	Very good	Good	Good	Very good	Well organized
43	Dilip Nagarkar	good	Very good	Very good	good	Very good	Very good	Well organized
44	Siddharth Ingle	Very good	Very good	Very good	Very good	Very good	Very good	No suggestion
45	Vaibhav Wakkar	Good	Very good	Very good	Very good	Good	Good	Try to visit farmers
46	Bhakti Tathe	Very good	Very good	Good	Good	Very good	Very good	Well organized

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

47	Pooja Dipke	Very good	Very good	Very good	Very good	Very good	Very good	Well organized
48	Shivani Gangamwar	Very good	Very good	Very good	Very good	Very good	Very good	Well organized
49	Bhushan Gawai	Very good	Very good	Good	Good	Very good	Very good	Well organized
50	Amisha Mishra	Very good	Very good	Very good	Very good	Very good	Very good	Well organized

**Assistant Commissioner of Fisheries**

**Akola**

### Three days Skill Development Programme on Fresh Water Aqua Culture

Organized by

Department of Fisheries, Govt. of Maharashtra, Assistant commissioner of Fisheries, Akola in partnership with National Fisheries Development Board, Hyderabad, In Collaboration with Shri R.L.T. College of Science, Akola

**Venue:** Shri R. L. T. College of Science, Civil Lines, Akola Dist.: Akola

**Date:** From 2 January 2020 to 4of January 2020

Sr. No.	Name	Fathers Name	Age	Gender	Social Status
1	Amol V. Dighe	Vilasrao	43	M	
2	Shivam D. Adhao	Digambar	24	M	
3	Vaibhav H. Pradhan	Hiralal	24	M	
4	Santosh matre	Haribhau	30	M	
5	Satish A. Sirsaat	Ashok	34	M	
6	Ganesh J. Chawke	Jagannath	27	M	
7	Sunil N.Hanuwate	Narayan	31	M	
8	Dnyandeo Mohare	Bhonaji	48	M	
9	Ramkrushna B. Kale	baliram	67	M	
10	Nitesh S. More	sukhdev	30	M	
11	Mitesh B. Bughe	Bhikaji	26	M	
12	Mahadeo tayade	Narayan	63	M	
13	Vinayak Wankhade	chandrabhan	26	M	
14	Sunil W. Agale	vasudev	26	M	
15	Rahul S. Agale	sadanand	25	M	
16	Mohit V. Agale	vithalrao	25	M	
17	Nitesh Kale	shrikrishna	37	M	
18	Ganesh Tayade	haribhau	52	M	
19	Hrushikesh Kshirsagar			M	
20	Vijay Tayade	Saudagar	46	M	
21	Amol Surjuse	Vasudev	26	M	
22	Abhishek Surjuse	Sanjay	20	M	
23	Abhishek Jadhav	Govind	18	M	
24	Sandeep Bhagat	Sudhakar	32	M	
25	Mahadeo Malte	Gajanan	23	M	

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

26	Madukarrao malte	Dawal	50	M	
27	Santosh munde	Arjun	41	M	
28	Avinash chavhan	Sitaram	36	M	
29	Shri. Sumedh Gajbhiye	Devrao	35	M	
30	Shri. Shiva Malte	Samadhan	32	M	
31	Akhilesh Puranik	Ajay	21	M	
32	Hrutuja Gopnarayan	Bharat	19	F	
33	Divyani Mulatkar	Ganesh	19	F	
34	Kalyani Kanojiya	Raju	19	F	
35	Divya Paraskar	sarangdhar	18	F	
36	Ujwal Patel	radheshyam	18	M	
37	Prasad Gulhane	Krishnarao	20	M	
38	Sakshi Kondawar	satyanarayan	20	F	
39	Nehul Bhogal	Narendra	19	M	
40	Rushikesh Gaikwad	sanjay	19	M	
41	Raksha Sharma	gopal	19	F	
42	Govind Andhale	bhaurao	20	M	
43	Dilip Nagorkar	dasharath	38	M	
44	Siddharth Ingle	sahebrao	18	M	
45	Vaibhav Wakkar	Shriram	22	M	
46	Bhakti Tathe	sandip	20	F	
47	Pooja Dipke	prakashrao	20	F	
48	Shivani Gangamwar	Gajanan	20	F	
49	Bhushan Gawai	Vilas	19	M	
50	Amisha Mishra	sanjay	19	F	

**Assistant Commissioner of Fisheries  
Akola**

### List of Resource Persons

1. **Shri. Suresh Bharti, Asstt. Commissioner of Fisheries, Akola**
2. **Shri. Ashitosh Jadhao, Asstt. Fisheries Development Officer)**
3. **Shri. K. S. Badihaveli, Asstt. Fisheries Development Officer)**
4. **Dr. Archana Sawarkar, Asstt. Professor Department of Zoology, Shri. R. L. T. College of Science, Akola.**
5. **Dr. Sudhir Rushi Kohchale, Asstt. Professor Department of Zoology, Shri. R. L. T. College of Science, Akola.**
6. **Smt. Amita Jain , Asstt. Fisheries Development Officer**
7. **Shri. Vinod S. Rathod, Fisheries Development Officer**
8. **Shri. S. H. Gupta, Lecturer Shri. R. L. T. College of Science, Akola.**





**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**

*News papers cutting*



*[Signature]*  
**Dr. Sudhir R. Kohchale**  
 Coordinator

*[Signature]*  
**Dr. Archana S. Sawarkar**  
 Organizing Secretary

*[Signature]*  
**Dr. Vijay D. Nanoty**  
 Principal

## **National Conference on Multidisciplinary Research in Science and Technology for Healthy lifestyle Management**

**Date: 24/10/2020**

Shri RLT College of Science, Akola organized **National conference on Multidisciplinary Research in Science and Technology for Healthy lifestyle Management**, on 24/10/2020 Friday on the occasion of Golden Jubilee Year of College. The conference is organized for multidisciplinary aspects and to provide research platform to all disciplines.

The program was inaugurated by **Dr. M.G. Chandekar**, Hon'ble Vice-Chancellor, SGB Amravati University, Amravati. The chairperson of the program was **Dr. R.B. Heda**, Hon'ble President, The Berar General Education Society, Akola and the Chief Guest was **Adv. Motisingh Mohta**, Hon'ble Hon. Secretary, The Berar General Education Society, Akola. The key speaker, resource persons and guests of programs were **Dr. Datta Madamwar**, UGC-BSR Faculty Fellow, Sardar Patel University, Vallabh Vidyanagar (Gujrat), **Dr. Satish Sharma**, Professor and Head, Department of Electronic & Computer Science, RTM Nagpur University, Nagpur, **Dr. P.R. Bhagat**, Professor in Chemistry, School of Advanced Science, VIT University, Vellore (T.N.) and **Dr. O.S. Sarate**, Former Scientist F, Birbal Sahani Institute of Palaeo -sciences, Lucknow.

Total 551 teachers, delegates and research scholars were present for the function. A souvenir was published and released by the hands of guests. Chief guest and resource persons enlightened the participants by their knowledge.

The program was concluded by valedictory function in gracious presence of Dr. R.S. Jaipurkar, Hon'ble Pro-VC, SGB Amravati University Amravati, Mr. Vijaykumar Toshniwal, Hon'ble Sr. Vice President, Dr Ravindra C. Jain, Hon'ble Jr. Vice President, Mr. Sharad A. Chaware, Hon'ble Jt. Secretary, The Berar General Education Society, Akola.

The Convener of Program was Principal Dr. V.D. Nanoty, Co-convener Dr. U.K. Bhalekar and Organising Secretary were Dr. R.D. Chandrawanshi, Dr. S.M. Nagrale and Dr. P.T. Agrawal. Special efforts for publication and souvenir release taken by Dr. P.P. Deohate and Financial matters handled by Mr. R.G. Chavhan. All the teaching and non-teaching staff made untidy efforts for success of program.



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### REGISTRATION FORM

National Conference on **Multidisciplinary Research in Science and Technology** for Healthy Lifestyle Management  
**NCMRST-2020**  
Friday, 24<sup>th</sup> January 2020

The Berar General Education Society's  
**Shri R.L.T. College of Science, Akola**

Name: Prof./Dr./Mr./Ms./Mrs. Ashish D. Bansod  
Designation: Asst. Prof. & Head, Dept. of Chemistry  
College / Institute / University: Rajeshree Shahee Science College, Chandur Rly.  
Address: Chandur Rly.  
E-mail: deashish.bansod@gmail.com Mobile No.: 9890603165  
Abstract Title: Synthesis, spectral characterization and antimicrobial studies of some transition metal complexes with ONNO-donor tetradentate  
Sub-Theme: -  
Presentation:  Oral /  Poster /  Participation only  
Accommodation Required:  Yes /  No  
Registration Fee: Rs. 500/-  
Payment Mode:  Cash /  DD /  RTGS /  NEFT  
Payment Details: Transaction / DD No. 001314808181 Date 13/01/20

Photocopy of this form can be used

Signature

### CERTIFICATES

207

The Berar General Education Society's  
**Shri R.L.T. College of Science, Akola**  
Re-accredited by NAAC with 'A' Grade, CGPA-3.12 (3<sup>rd</sup> Cycle)  
Recognised by Government of Maharashtra, Affiliated to Sant Gadge Baba Amravati University, Amravati

National Conference on  
**Multidisciplinary Research in Science and Technology**  
for Healthy Lifestyle Management  
**NCMRST-2020**  
Friday, 24<sup>th</sup> January 2020

**Certificate**

This is to certify that,  
Prof./Dr./Mr./Ms./Mrs. NAVIN D. JAMBHEKAR  
of Gopikabai Sitaram Gawande Mahavidyalaya, Umankhed. has actively participated and presented paper (Oral / Poster) entitled ..... in the  
"National Conference on Multidisciplinary Research in Science and Technology for Healthy Lifestyle Management" on Friday, 24<sup>th</sup> January 2020.

Dr. R.D. Chandrawanshi  
Organizing Secretary  
NCMRST-2020

Dr. S.M. Nagrale  
Organizing Secretary  
NCMRST-2020

Dr. P.T. Agrawal  
Organizing Secretary  
NCMRST-2020

Dr. V. D. Nanoty  
Principal,  
Shri R.L.T. College of Science, Akola  
Convener, NCMRST-2020

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### FEEDBACK FORM

National Conference on  
**Multidisciplinary Research in Science and Technology**  
for Healthy Lifestyle Management  
NCMRST-2020  
Friday, 24<sup>th</sup> January 2020  
Organized by  
The State Council Education Society  
**Shri R.L.T. College of Science, Akola**  
In association with  
Microbiologist's Society, India  
Amravati University Chemistry Teachers' Association, Amravati  
Amravati University Physics Teachers' Association, Amravati

**Feedback Form**

Thank you for your active participation in NCMRST-2020. Please take a moment to provide us with feedback. Your inputs are most essential to ensure best learning experience and conduct next events. Tick the appropriate (✓)

Name : Dr. Sachin N. Tayade  
College/Institute : Late Pundalikrao Gowali Arts & Science College, Shirur  
E-mail ID : tayadesachin@gmail.com  
Contact No. : 9664299837, 9766458637

Sr. No.	Comments on the Conference	Excellent	Good	Fair	Poor
1.	Pre-conference communication	✓			
2.	Organization of conference	✓			
3.	Registration procedure	✓			
4.	Schedule and timing of conference	✓			
5.	Keynote address		✓		
6.	Invited talks	✓			
7.	Oral / poster presentation sessions		✓		
8.	Souvenir and its contents		✓		
9.	Food and refreshment		✓		
10.	Accommodation (if any)		✓		
11.	Facilities in the conference		✓		
12.	Hospitality during the conference		✓		

Overall remark : \_\_\_\_\_  
Any suggestions : \_\_\_\_\_

Participant's Signature

National Conference on  
**Multidisciplinary Research in Science and Technology**  
for Healthy Lifestyle Management  
NCMRST-2020  
Friday, 24<sup>th</sup> January 2020  
Organized by  
The State Council Education Society's  
**Shri R.L.T. College of Science, Akola**  
In association with  
Microbiologist's Society, India  
Amravati University Chemistry Teachers' Association, Amravati  
Amravati University Physics Teachers' Association, Amravati

**Feedback Form**

Thank you for your active participation in NCMRST-2020. Please take a moment to provide us with feedback. Your inputs are most essential to ensure best learning experience and conduct next events. Tick the appropriate (✓)

Name : Dr. Rajani S. Thakur  
College/Institute : Yashwantrao Mahavidyalaya, Nandgaon  
E-mail ID : thakurrajani2019@gmail.com  
Contact No. : 9604818046

Sr. No.	Comments on the Conference	Excellent	Good	Fair	Poor
1.	Pre-conference communication	✓			
2.	Organization of conference	✓			
3.	Registration procedure		✓		
4.	Schedule and timing of conference	✓			
5.	Keynote address	✓			
6.	Invited talks	✓			
7.	Oral / poster presentation sessions	✓			
8.	Souvenir and its contents		✓		
9.	Food and refreshment	✓			
10.	Accommodation (if any)		✓		
11.	Facilities in the conference	✓			
12.	Hospitality during the conference		✓		

Overall remark : Excellent  
Any suggestions : Keep it up, and thank you for giving this platform.

Participant's Signature

### PARTICIPANTS

Sr. No.	Sl. No.	Name of Participant	Institute/Collage Name	Title of Research Paper	Presentation	Contact No.	Reg. Fees	Pub. Fees	Payment Details	Signature
1	1	Dr. Vijay Naidu	Shri R.L.T. College of Science, Akola	ISOLATION, PARTIAL CHARACTERIZATION AND EXTRACTION OF ALKALINE PROTEASE FROM BACTERIAL ISOLATES OF LOGAN TALK	Participation		300	300	cash	(not filled) Received
2	2	Dr. U.K. Bhaskar	Shri R.L.T. College of Science, Akola	ANTIBIOLOGICAL POTENTIAL OF TRADITIONALLY USED MEDICINAL PLANTS	Poster	9822713726 saurikar@gmail.com	300	300	cash	Received Signature
3	3	Prof R.D. Chavan	Shri R.L.T. College of Science, Akola	EFFECT OF HEAT AND INCUBATION TEMPERATURE ON BACTERIAL GROWTH AND SPORULATION ABILITY OF MRSA AND VISA	Participation	9822940429 chavanrdd@gmail.com	300	300	cash	Received Signature
4	4	Mrs. Sonali M. Gawande	Shri R.L.T. College of Science, Akola	EFFECT OF HEAT AND INCUBATION TEMPERATURE ON BACTERIAL GROWTH AND SPORULATION ABILITY OF MRSA AND VISA	Poster	9822940429 sonaligawande@gmail.com	300	300	cash	Received Signature
5	5	Dr. B. D. Chaudhari	Shri R.L.T. College of Science, Akola	TRICKY SITUATION IN MAXIMUM POWER TRANSFER THEOREM IN ELECTRICAL CIRCUIT	Poster	9891032071 bchaudhari0@gmail.com	300	300	cash	Received Signature
6	6	Mrs. Vrushali N. Badgaonkar	Shri R.L.T. College of Science, Akola	STUDY OF MORPHOLOGY AND PHYSICO-CHEMICAL CHARACTERIZATION OF SPONGE CARBON DACC FOR CONVERSION OF ACETIC ACID TO ETHANOL	Poster	9421462973 vbadgaonkar@gmail.com	300	300	cash	Received Signature
7	7	Dr. Anjali S. Sanghvi	Shri R.L.T. College of Science, Akola	COMPARATIVE PHYTOCHEMICAL ANALYSIS OF PLANTS OF THE GENUS <i>TEPHROSIA PURPUREA</i>	Poster	9550779012 anjalisanghvi05@gmail.com	300	300	cash	BO7
8	8	Dr. P.M. Khadse	Shri R.L.T. College of Science, Akola	QUALITATIVE PHYTOCHEMICAL ANALYSIS AND PHARMACOLOGICAL STUDIES OF <i>ELAEAGNUS TERRESTRIS</i> (L.)	Poster	9912811996 pramodkhadse@gmail.com	300	300	cash	BO7
9	9	Dr. S.V. Madan	Shri R.L.T. College of Science, Akola	ALGEBRAIC INVESTIGATION OF THE POLYMERIZATION OF COLLEGE LABORATORY	Poster	9451575377 sushilmadan07@gmail.com	300	300	cash	BO7
10	10	Dr. P.P. Tardar	Shri R.L.T. College of Science, Akola	POTENTIALITY OF SYNTHESIS AND CHARACTERIZATION OF POLYANILINE THIN FILMS	Participation	8793471140 pp_tardar@gmail.com	500	500	cash	Received Signature
11	11	Dr. S.R. Jorwal	Shri R.L.T. College of Science, Akola	INVESTIGATION OF VISIBLE QUANTUM CUTTING IN ZnO:Ca <sup>2+</sup> /Eu <sup>3+</sup> PHOSPHOR	Poster	8806070156 srajorwal07@gmail.com	500	300	cash	Received Signature
12	12	Dr. R. M. Agrawal	Shri R.L.T. College of Science, Akola	REMEDY SENSING PROPERTIES OF ZnO:SnO <sub>2</sub> DOPED BaTiO <sub>3</sub> SCREEN PRINTED THIN FILM SENSOR	Participation	9422217314 rma2012@gmail.com	500	300	cash	Received Signature
13	13	Dr. S. M. Nagare	Shri R.L.T. College of Science, Akola	MOBILE PHOTODIAGNOSIS - NEW TRENDS IN HUMAN LIFESTYLE	Poster	9910122456 sushinagare_set@gmail.com	500	300	cash	Received Signature
14	14	Dr. A.S. Sawarkar	Shri R.L.T. College of Science, Akola	EFFECT OF ZINC TOXICITY ON SOME HAEMATOLOGICAL PARAMETERS OF FISH, <i>ORISSA PUNCTATUS</i>	Participation	960641186 asawarkar@yahoo.com	500	300	cash	Received Signature

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Sr. No.	Sl. No.	Name of the Candidate	Institution	Title of the Project	Mode	Amount	Year	Category	Remarks
16	16	Dr. R. L. Rahagankar	Shri R.L.T. College of Science, Akola	ALTERATIONS IN SULFAM PROTEINS DURING ADSORPTION TO GRAPHENE OXIDES	Participation	500	300	cash	Chen
17	17	Dr. R.P. Joshi	Shri R.L.T. College of Science, Akola	DIVERSITY OF DIFFERENT BUTTERFLY SPECIES IN AKOLA REGION, M.S., INDIA	Participation	500	300	cash	Chen
18	18	Dr. P.T. Agrawal	Shri R.L.T. College of Science, Akola	A NOVEL SYNTHESIS AND CHARACTERIZATION OF NANOPARTICLES OF MALTOSE-GLYCATED FORMALDEHYDES	Participation	500	300	cash	Chen
19	19	Dr. P.P. Dhotare	Shri R.L.T. College of Science, Akola	STUDY OF MICROWAVE ASSISTED SYNTHESIS AND BIOLOGICAL ACTIVITIES OF SOME PYRIMIDINE LINKED OXADIAZOLE PHARMACOPHORES	Oral	500	300	cash	Chen
20	20	Dr. P.R. Kanale	Shri R.L.T. College of Science, Akola	BARIUM CHLORIDE CATALYZED SYNTHESIS OF ACKERINE DERIVATIVES UNDER MICROWAVE HEATING	Poster	500	300	cash	Chen
21	21	Dr. K.M. Hada	Shri R.L.T. College of Science, Akola	SYNTHESIS, SPECTRAL STUDIES AND SCREENING OF 1-PHENYL-3-(2-HYDROXY-2-PROPYL)BENZOTHIODIAZOLE-5-THIO-ARABAMIDES	Poster	500	300	cash	Chen
22	22	Dr. A. G. Sarap	Shri R.L.T. College of Science, Akola	A NOVEL STUDIES OF SYNTHESIS OF NANOPARTICLES OF SOME MALTOSE, THIOUREAS AND THEIR XRD, SEM AND MICROBIAL STUDIES	Poster	500	300	cash	Chen
23	23	Mr. S.C. Zyate	Shri R.L.T. College of Science, Akola	SYNTHESIS AND BIOLOGICAL ACTIVITY OF NOVEL N-(4-METHOXY-1,1-BIPHENYL)-3-(4-METHYLENE)BENZYL)ENAMINE DERIVATIVES FROM 2-BROMO PHENOL USING BOKUONE-ACID COUPLING, REDUCTION AND TOSYLATION REACTION SEQUENCE	Oral	500	300	cash	Chen
24	24	Mr. V. D. Desale	Shri R.L.T. College of Science, Akola	SPECTROPHOTOMETRIC PROFILES OF ANEUVENAGEL CONDENSATION REACTION OF THIOBARBITURIC ACIDS AND AROMATIC ALDEHYDES	Participation	500	300	cash	Chen
25	25	Dr. H. S. Mhatre	Shri R.L.T. College of Science, Akola	SCREENING AND EVALUATION OF SILVER NANOPARTICLES PRODUCING BACTERIA FROM LONAR LAKE, INDIA	Participation	500	300	cash	Chen
26	26	Dr. S.H. Yadav	Shri R.L.T. College of Science, Akola	ON EQUIDISTANT PROXIMITY SPACE AND UNIFORMLY CONTINUOUS UNIFORM SPACE	Poster	500	300	cash	Chen
27	27	Dr. S.L. Wankar	Shri R.L.T. College of Science, Akola		Participation	500	300	cash	Chen

Sr. No.	Sl. No.	Name of the Candidate	Institution	Mode	Amount	Year	Category	Remarks
451	451	Ahli Yadgire	Shri Shivaji College of Arts, Commerce and Science, Akola	Participated	500		Cash	
452	452	T.P. Agashe	C.N.A. College, Washim					
453	453	Manika P. Sarode	Shri R.L.T. College of Science, Akola					
454	454	Aditi M. Mangane	Shri R.L.T. College of Science, Akola					
455	455	Anuradha J. Mangale	M.H. College, Bhamburda Dist. Chandrapur					
456	456	Abhinav P. Pawar	M.H. College, Bhamburda Dist. Chandrapur					
457	457	Shivani V. Deshmukh	Shri Shivaji College, Akola					
458	458	Shubham B. Shergale	Shri Shivaji College, Akola					
459	459	Dr. A. V. J. Joshi	Shri Shivaji College, Akola					
460	460	Mitali M. Sarda	Shri Shivaji College, Akola					
461	461	Gayatri V. Khatke	Shri Shivaji College, Akola					
462	462	Himani Pande	Vidya bharti Mahavidyalaya, Washim					
463	463	T.R. Ingole	Vidya bharti Mahavidyalaya, Washim					
464	464	R.R. R. Sodkar	R.A. College, Washim					
465	465	Laxmi R. Chavan	Shri Shivaji College, Akola					
466	466	Shubha D. Dandekar	Shri Shivaji College, Akola					
467	467	Tulsi D. M. Munde	Shri Shivaji College, Akola					
468	468	Tijasa W. Patil	Shri Shivaji College, Akola					
469	469	Sushama G. Gogate	Shri Shivaji College, Akola					
470	470	Sneha S. Khande	Shri Shivaji College, Akola					
471	471	Shilpa S. Sarda	Shri Shivaji College, Akola					
472	472	J.T. Jadhav	R.L.T. College, Akola					

## Photo Gallery



**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**



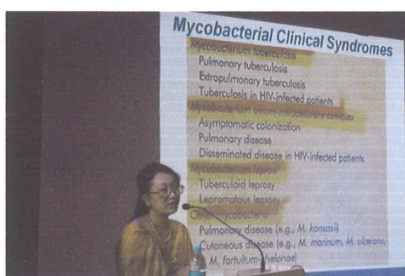
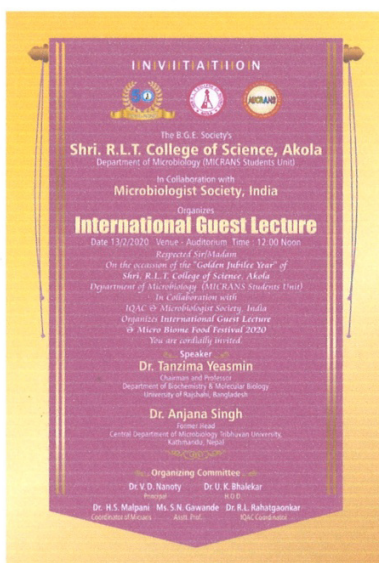
## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### International Guest Lecture by eminent Scientist

Department of Microbiology, Shri RLT College of Science, Akola (MS) on dated 16/2/2020 organised International Guest Lecture by eminent Scientist and Faculty Dr. Anjana Singh From Tribhuvan University Nepal and Dr. Tanzima Yeasmin from Rajshahi University Bangladesh.

PG and UG students of Microbiology of Akola city with Faculties took advantage of this scientific feast.

This could become possible because of Dr. Arvind Deshmukh sir, President Microbiologist Society, India and our visionary Principal Dr. Vijay Nanoty Sir. Dr. U.K. Bhalekar, Head Department of Microbiology, Dr. H.S. Malpani and Ms. S.N.Gawande worked hard to make this event successful.



Head

Department of Microbiology

Dr. R. L. Rahatgaonkar

Principal

Shri RLT College of Science, Akola



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Shri R. L. T. College of Science, Akola  
Department of Computer Science/ IT  
(Session 2019-20)

### Spoken Tutorial Project Report (Training & Assessment Test)

#### Spoken Tutorial Project IIT Bombay Activity

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

Spoken Tutorial Project is followed by **Training & Online Assessment Test** remotely conducted by IIT Bombay, qualified students (Above 40% marks) offered certificates by IIT Bombay.

This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.

In Final Assessment Test on **C++ Language** 19(out of 36) and **JAVA language** test 12 (out of 16) students got qualified and issued **Certificates** which are offered by the *Spoken Tutorial Project, IIT Bombay*, which are very valuable in their career point of view.

List of Students Registered:

FOSS : C++

#	First Name	Last Name	Email Id
1	SHIVANI	SONONE	shivanisonone2612@gmail.com
2	TRIVENI	WANKHADE	wankhadetriveni@gmail.com
3	PALLAVI	DEVAR	pallavidcvar12@gmail.com
4	KANCHAN	ANASANE	kanchananasane91507@gmail.com
5	HRUTUJA	DHORE	hrutujadhore2000@gmail.com
6	POOJA	JAAT	poojajaat199@gmail.com
7	SWATI	IRACHE	yogeshirache@gmail.com
8	PRAJAKTA	PARATE	prajaktaparate1999@gmail.com
9	RUSHALI	MHAISNE	rushalimhaisne21@gmail.com
10	JANHAVI	UJAWANE	janhaviujawane@gmail.com
11	VAISHNAVI	KULAT	vaishnavikulat63@gmail.com
12	VAISHNAVI	PATIL	vaishnavipatil997780@gmail.com
13	MADHURA	KULKARNI	madhurakulkarni559@gmail.com
14	SAKSHI	SONIAKKE	sakshisontakker@gmail.com
15	SANJANA	MUNDADA	sanjanammundada@gmail.com
16	ARATI	GOLE	aratigole201@gmail.com
17	DHANASHREE	PADDAKHE	dhanashreepaddakhe20@gmail.com
18	ISHWARI	HINGNE	ishwarihingane0391@gmail.com
19	ANUJA	INGLE	anujamanikrao@gmail.com
20	ADITI	KOLHE	aditikolhe3119@gmail.com
21	RUPALI	IDHOL	rupali.idhol4444@gmail.com
22	PUNAM	BAKHADE	punambakhade2017@gmail.com
23	PRATI KSHA	BHAD	pratikshabhad799@gmail.com
24	APURVA	INGLE	apurvaingle5555@gmail.com
25	MAYURI	GHONGE	mayurighonge27@gmail.com

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

26	VAISHNAVI	METANGE	vmetange8@gmail.com
27	PRATIK	DESHMUKH	pratiksd222@gmail.com
28	NIKHIL	MANKAR	nikhii220599@gmail.com
29	SARANG	SARJEKAR	sarangsarjekar24@gmail.com
30	VISHWAJIT	TIDKE	vtidke56@gmail.com
31	ADITYA	GAWANDE	adityagawande739@gmail.com
32	DEVESH	KHANDARE	dkmad459@gmail.com
33	SWAPNIL	TAYADE	iamswapnii444@gmail.com
34	SURAJ	MUNDADA	surajmmundada@gmail.com
35	VRUSHALI	INGLE	vrushaliingle861@gmail.com
36	PRAGATI	UMALE	pragatiumale05496@gmail.com

### FOSS : JAVA

#	Name	E-Mail
1	DIKSHA GOLAIT	dikshagolait16@gmail.com
2	DNYANESHWARI BHATKAR	dnyaneshwaribhatkar74@gmail.com
3	JANHAVI DOLAS	janhavidolas04@gmail.com
4	KALYANI SANGADE	kalyanisangade394@gmail.com
5	MAYURI CHABILE	mayurichabile123@gmail.com
6	NEHA HARIMKAR	nehaharimkar5959@gmail.com
7	PRACHI UBALE	prachisubale.99@gmail.com
8	PRERNA PASORIYA	prernapasoriya11@gmail.com
9	PRERNA GHUIKAR	prernaghuikar@gmail.com
10	SAURABH PAGRUT	saurabhpagrut2016@gmail.com
11	SHEFALI AGRAWAL	agrawalshefali1998@gmail.com
12	SIMRAN GADODIYA	simrangadodiya99@gmail.com
13	SURAJ ANNADATE	suraj.annadate98@gmail.com
14	VAISHNAVI DESHMUKH	vaishnavirdeshmukh18@gmail.com
15	VAISHNAVI WARHADE	vaishuwarhade15@gmail.com
16	VISHAL BHILKAR	vishalbhilkar657@gmail.com

List of Students successfully passed the assessment test with above 40 % marks in this test and issued Certificates:

### FOSS : C++

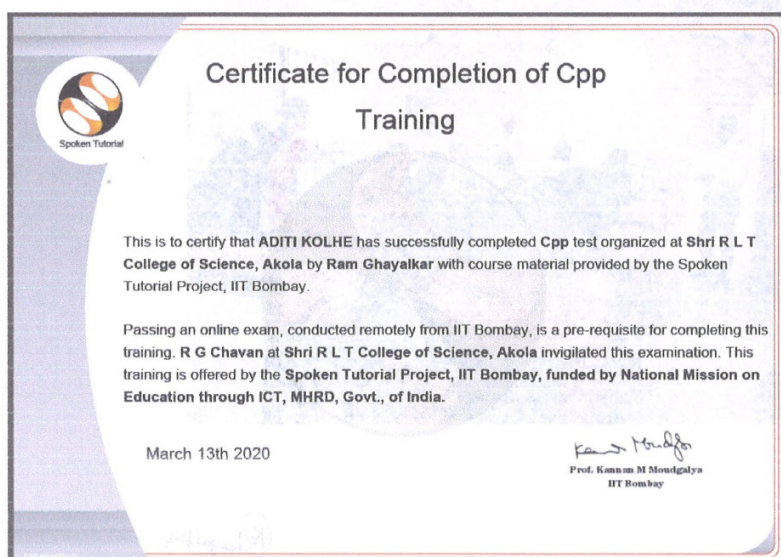
#	First Name	Last Name	Email Id
1	SHIVANI	SONONE	shivanisonone2612@gmail.com
2	TRIVENI	WANKHADE	wankhadetriveni@gmail.com
3	KANCHAN	ANASANE	kanchananasane91507@gmail.com
4	SWATI	IRACHE	yogeshirache@gmail.com
5	VAISHNAVI	KULAT	vaishnavikulat63@gmail.com
6	ARATI	GOLE	aratigole201@gmail.com
7	DHANASHREE	PADDAKHE	dhanashreepaddakhe20@gmail.com
8	ISHWARI	HINGNE	ishwarihingane0391@gmail.com
9	ADITI	KOLHE	aditikolhe3119@gmail.com
10	PUNAM	BAKHADE	punambakhade2017@gmail.com
11	MAYURI	GHONGE	mayurighonge27@gmail.com
12	NIKHIL	MANKAR	nikhil220599@gmail.com
13	SARANG	SARJEKAR	sarangsarjekar24@gmail.com
14	VISHWAJIT	TIDKE	vtidke56@gmail.com
15	ADITYA	GAWANDE	adityagawande739@gmail.com
16	DEVESH	KHANDARE	dkmad459@gmail.com
17	SWAPNIL	TAYADE	iamswapnii444@gmail.com
18	SURAJ	MUNDADA	surajmmundada@gmail.com
19	PRAGATI	UMALE	pragatiumale05496@gmail.com

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### FOSS : JAVA

#	Name	E-Mail
1	DNYANESHWARI BHATKAR	dnyaneshwaribhatkar74@gmail.com
2	JANHAVI DOLAS	janhavidolas04@gmail.com
3	PRERNA GHUIKAR	prernaghuikar@gmail.com
4	SAURABH PAGRUT	saurabhpagrut2016@gmail.com
5	SHEFALI AGRAWAL	agrawalshefali1998@gmail.com
6	SIMRAN GADODIYA	simrangadodiya99@gmail.com
7	SURAJ ANNADATE	suraj.annadate98@gmail.com
8	VAISHNAVI DESHMUKH	vaishnavirdeshmukh18@gmail.com
9	VAISHNAVI WARHADE	vaishuwarhade15@gmail.com
10	VISHAL BHILKAR	vishalbhilkar657@gmail.com
11	RAJESHWARI-KALANTRI	rajeshwarikalantri233@gmail.com
12	ROHIT-BHOPLE-	rohitbhople18@gmail.com

Certificates:

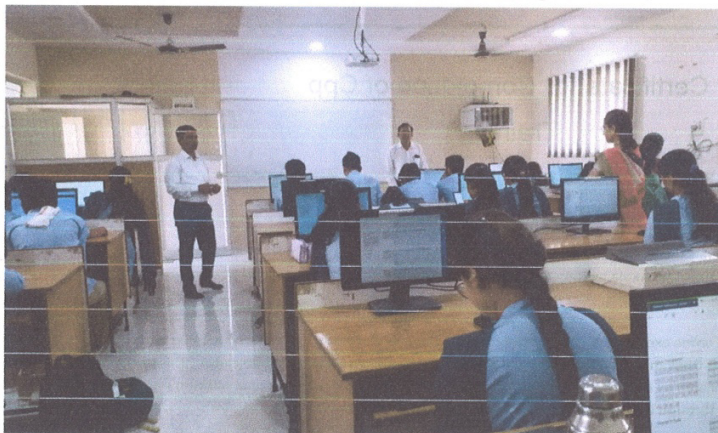
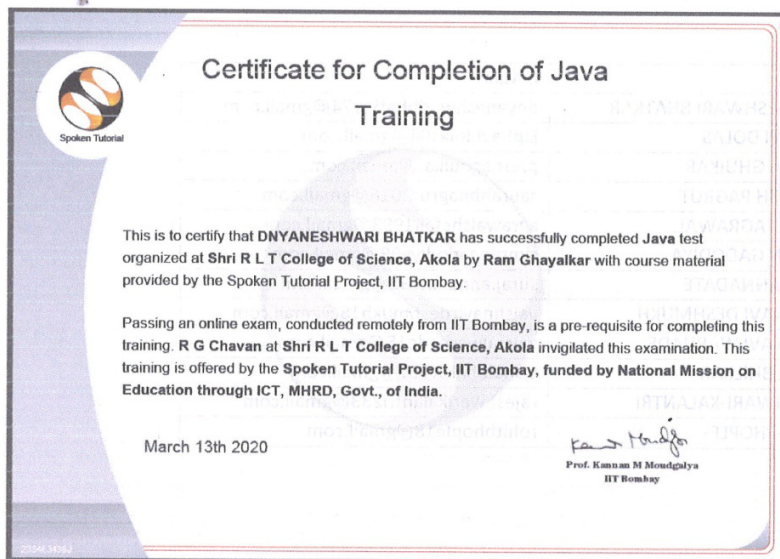


*Ram Ghayalkar*  
Assistant Professor  
Dept of Computer Science / I.T.  
Shri R.L.T. College of Science,  
Akola

*Dr. R. L. Rahatgaonkar*  
Dr. R. L. Rahatgaonkar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola

*Principal*  
Principal  
Shri R.L.T. College of Scier  
Civil Lines, Akola (M.S.)

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



*R Ghayalkar*

**Mr. R. B. Ghayalkar**  
(Assistant Professor)  
Project/ Workshop Organizer  
Department of Computer Science & IT  
Shri R. L. T. College of Science Akola

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Shri R.L.T. College of Science, Akola IQAC Activity Report (2019-20)

IQAC Activity No. : 04

<b>Name of the Activity</b>	<b>Certificate Course in Spectroscopic Techniques in Chemistry (STC-2020)(Online)</b> Organized by Department of Chemistry		
<b>Date</b>	<b>Faculty</b>	<b>Department/Committee</b>	<b>Co-ordinator Name</b>
04.05.2020 to 11.05.2020	Science	Chemistry	Dr. Pradip P. Deohate (Convener)
<b>Time</b>	<b>Venue</b>	<b>Number of Participants</b>	<b>Nature Outdoor/Indoor</b>
---	---	501	Online
<b>Support / Assistance</b>	---		

**Brief Information About the Activity (Criterion No. : .....)**

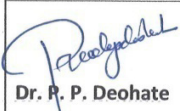
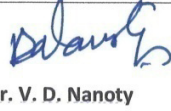
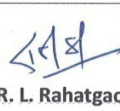
<b>Topic/Subject of the Activity</b>	Certificate Course in Spectroscopic Techniques in Chemistry (STC-2020) (Online), Organized by Department of Chemistry
<b>Objectives</b>	To provide detailed updated information about various spectroscopic techniques related to subject chemistry and to increase the conceptual understanding.
<b>Methodology</b>	Videos, power point presentations and MCQ's on 1H-NMR, Mass and IR spectroscopic instrumental techniques and methods.
<b>Outcomes</b>	This certificate course helped the participants to upgrade their knowledge about various spectroscopic techniques in chemistry.

**Proofs / Documents Attached (Tick mark the proofs attached)**

1. Notice <input checked="" type="checkbox"/> and letters	2. Student list of <input checked="" type="checkbox"/> participation	3. Activity <input checked="" type="checkbox"/> report	4. Photos	5. Feedback <input checked="" type="checkbox"/> form
6. Feedback analysis	7. News clip with details	8. Certificate <input checked="" type="checkbox"/>	9. Any other	10. Coverpages and index

**IQAC Cell**

**IQAC Cell Activity No. : .....**

<b>Name of Teacher and Signature</b>	<b>Name of Head/ Committee In-charge and Signature</b>	<b>Principal's Signature</b>	<b>IQAC Co-ordinator Seal and Signature</b>
 Dr. P. P. Deohate		 Dr. V. D. Nanoty	 Dr. R. L. Rahatgaonkar

1

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Certificate Course in Spectroscopic Techniques in Chemistry (STC-2020)

Conducted by -  
Department of Chemistry  
Shri R.L.T. College of Science, Akola

Patron - Hon'ble Adv. Motisingh G. Mohta  
President, The B.G.E. Society, Akola

Advisor - Dr. Vijay D. Nanoty  
Principal, Shri R.L.T. College of Science, Akola

Convener - Dr. Pradip P. Deohate  
Associate Professor,  
Department of Chemistry

Dear Participants, herein this online "Certificate Course in Spectroscopic Techniques in Chemistry (STC-2020)" you have to watch the videos to get the detailed information about various spectroscopic techniques in chemistry and also you have to solve the MCQ's given herewith. The certificate of participation will be emailed to you just after completion of this course.

Certificate Course in Spectroscopic Techniques in Chemistry (STC-2020)  
Conducted by - Department of Chemistry  
docs.google.com

Certificate Course in Spectroscopic Techniques in Chemistry conducted by Department of Chemistry, Shri R.L.T. College of Science, Akola. Please follow the link given below for registration and participation in this course.

<https://forms.gle/Af3ZSX83oLMdRqEHA>

8:16 am ✓

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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

Duration - Monday, 04.05.2020 to Monday, 11.05.2020

Conducted by - Department of Chemistry, Shri R.L.T. College of Science, Akola

Patron - Hon'ble Adv. Motisingh G. Mohtra, President and All Other Hon'ble Executive Members, The Barar General Education Society, Akola

Advisor - Dr. Vijay D. Nanoty, Principal, Shri R.L.T. College of Science, Akola

Convener - Dr. Pradip P. Deohate, Associate Professor, Department of Chemistry, Shri R.L.T. College of Science, Akola

Total No. of Participants - 501

Sr. No.	Name of Participant	Name of Institution	Designation	Total Score	Feedback	Username
1	Vinod D. Deotale	Shri R.L.T. College of Science, Akola	Asstt. Professor	110.00 / 125	Excellent	vddeotale@gmail.com
2	Ram B Ghayalkar	Shri R.L.T. College of Science, Akola	Asstt. Professor	65.00 / 125	Excellent	rambg29@gmail.com
3	Sushil M Nagrale	Shri R.L.T. College of Science, Akola	Associate Professor	85.00 / 125	Excellent	sushinagrale75@gmail.com
4	Ankita pramod jaiswal	Student	Student PG	55.00 / 125	Average	ankitajaiswal5959@gmail.com
5	Trupti Ganesh Bhise	Shri. R.L.T.college of science,Akola	Professor	40.00 / 125	Excellent	truptibhise1998@gmail.com
6	Shankesh Chandrakant Zate	Shri. R.L.T. college of science, Akola	Assistant professor	110.00 / 125	Good	shankeshzate@gmail.com
7	Nikita Vishwanath Awajare	Shri RLt college of Science, Akola	PhD Scholar	125.00 / 125	Good	awajare.nikita19@gmail.com
8	S. B. Sontakke	Shivaji College, Nagpur	Student PG	90.00 / 125	Excellent	sontakkesb@yahoo.com
9	Priyanka ashok kahar	R.L.T college akola	Student-PG	80.00 / 125	Excellent	priyankakahar99@gmail.com
10	Sakshi vasant Bhrad	Samartha college of science akola	Student	40.00 / 125	Excellent	ankitabhad123@gmail.com
11	Ankita Vasanrao Bhad	Shri .R.L.T College of science Akola	Student PG	120.00 / 125	Good	ankitabhad123@gmail.com
12	Dr. Pradip P. Deohate	Shri R.L.T. College of Science, Akola	Associate Professor	120.00 / 125	Excellent	pradip22091@yahoo.co.in
13	Dr Gunwant Hari Kurihade	Vidnyan Mahavidyalaya, Malkapur	Assistant professor	75.00 / 125	Excellent	gunwantkurihade2010@yahoo.com
14	Mukesh J. Rathod	Dr. r.g.rathod arts & science college,murtizapur	Student	10.00 / 125	Excellent	jagdeorathod1998@gmail.com
15	Punam Radhrishyam Yedav	Amravati	Student ug	25.00 / 125	Excellent	punamyadavi1287@gmail.com
16	Nikita Madhukar Wankhade	R.L.T College of Science, Akola	Student(PG)	65.00 / 125	Excellent	wankhadenikita8@gmail.com
17	Payal Awadhutrao kukatkar	Shri Dr. R. G. Rathod arts ans sci. college murtizapur	Ug	40.00 / 125	Good	Kukakarpayal@gmail.com
18	Sadanand S. Pargharmor	Shankarjal Khandelwal College,Akola	Student	50.00 / 125	Excellent	sadapargharmor123@gmail.com
19	Deepak Gajanan Zope	Shri Dr R.G.Rathod arts and sci. collage ,murtizapur	Student	40.00 / 125	Good	deepakzope143@gmail.com
20	Harish Bahu Musale	Shri Dr. R. G. Rathod Arts & Sci. College Murtizapur	Student (PG)	70.00 / 125	Excellent	harishm5797@gmail.com
21	Rupali Devlal wagh	Student	Student UG	5.00 / 125	Good	rupaliwagh8611@gmail.com
22	Furkan S K	Gulam nabibabazad college	B.Sc	20.00 / 125	Excellent	furkanshaikh225@gmail.com
23	SHAIKH GUFRAN S. BAHAR	SHANKARJAL KHANDLWAL COLLEGE AKOLA	M.sc	115.00 / 125	Average	guffrankr1@gmail.com
24	Rajesh D. Chaudhari	Shri R.L.T College of Science ,Akola	Assist Prof	45.00 / 125	Excellent	rdchaudhari20@gmail.com

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

487	Ku. Purva Sanjay Bholalkar	GNA College Barshakti dist. Akola	Student	Student	120.00 / 125	Excellent	p.s.bholalkar@gmail.com
488	Aniket Dabre	Student	Student	Student UG	45.00 / 125	Excellent	aniketdabre73@gmail.com
489	Ku. Puja Dnyandoo Dabre	Student	Student	Student UG	120.00 / 125	Excellent	poojadabre31@gmail.com
490	Shweta A. Kale	KKW ACS College, Pimpalgav	Student	Student	95.00 / 125	Good	shwetak@gmail.com
491	Shivani Sanjay Derle	Kiw ACS college Pimpalgav Baswant	Student	Student	55.00 / 125	Good	shivani122@gmail.com
492	Smita Vishnu Sangale	Bsc III yr	Student	Student	45.00 / 125	Excellent	smitaangle9@gmail.com
493	Vrashali S. Kalyani	AISSM College of Engineering Pune	Assistant Professor	Assistant Professor	110.00 / 125	Excellent	vrashalikalyani@gmail.com
494	Bharati Patil	K.k wagh Pimpalgaon	Student	Student	65.00 / 125	Excellent	bharatigoncane@gmail.com
495	Anikta ArvindBhal Patel	SSR college of Arts commerce and science	Student (PG)	Student (PG)	65.00 / 125	Excellent	ankitapatel92606@gmail.com
496	Najmuddin Tajuddin Quadri	Dr. Zakaria Centre for H. Learn. & Adv. Res., Aurangabad	Student PG	Student PG	60.00 / 125	Excellent	myaim433@gmail.com
497	Pratik Ramesh Kapse	Diploma Pharmacy	Student	Student	35.00 / 125	Good	pratik.kapse91@gmail.com
498	Anuradha Gajanan Bhonde.	Shri. R. L. T. College , akola	Student	Student	100.00 / 125	Excellent	anuradhabhonde2006@gmail.com
499	Shikrishna Dabhade	R L T science college of Akola	Student	Student	40.00 / 125	Good	krishnadaabhade75@gmail.com
500	THAKUR AARTIKUMARI RAKESH	SSR COLLEGE OF ARTS, COMMERCE AND SCIENCE	STUDENT	STUDENT	125.00 / 125	Excellent	aariththakur7598@gmail.com
501	Ankush Sakharam Gangtire	Student	Student	Student UG	105.00 / 125	Good	ankushgangtires3@gmail.com

*(Signature)*

Dr. V. D. Nanoty  
Principal  
Shri R.L.T. College of Science, Akola

*(Signature)*


Dr. P. T. Agrawal  
Head  
Department of Chemistry

*(Signature)*


Dr. P. P. Deohate  
Convener  
Certificate Course (STC-2020)

Date : 11.05.2020





The Benar General Education Society's  
**Shri R.L.T. College of Science, Akola**  
NAAC Reaccredited Grade 'A' with CGPA 3.12 (3<sup>rd</sup> Cycle)  
Affiliated to S.G.B. Amravati University, Amravati



Certificate Course in Spectroscopic Techniques in Chemistry (STC-2020)

## Certificate

This is to certify that,  
**Dr. Pradip P. Deohate**  
Shri R.L.T. College of Science, Akola


Participated and Completed the Online  
"Certificate Course in Spectroscopic Techniques in Chemistry"  
Conducted by Department of Chemistry, Shri R.L.T. College of Science, Akola on 05/05/2020

*Pradip Deohate*  
**Dr. P. P. Deohate**  
Convener  
Certificate Course (STC-2020)

*S. I. Agrawal*  
**Dr. P. I. Agrawal**  
Head  
Department of Chemistry

*V. D. Nanoty*  
**Dr. V. D. Nanoty**  
Principal  
Shri R.L.T. College of Science, Akola

STC-2020






## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Shri RLT College of Science, Akola  
Department of Physics

Online FREE e-Certificate course in Astronomy

The Berar General Education Society's  
**SHRI R.L.T. COLLEGE OF SCIENCE, AKOLA**  
Re-accredited 'A' Grade by NAAC, Bangalore with CGPA 3.12  
Department of Physics in Collaboration with IQAC  
Organises  
**E-Certificate Course in Astronomy and Astrophysics**  
7<sup>th</sup> to 10<sup>th</sup> May 2020



Mr. Shailesh Jaiswal  
*Course Coordinator*

Dr. Vijay D. Nanoty  
*Principal/Convener*

Please Scan QR Code for Details Information about the Course



The Berar General Education Society's  
**SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA**  
Re-accredited 'A' Grade by NAAC, Bangalore with CGPA 3.12  
Department of Physics  
INTERNAL QUALITY ASSURANCE CELL (IQAC)

**CERTIFICATE**

This is to certify that Mr./ Ms./ Dr./ Prof. \_\_\_\_\_ of \_\_\_\_\_  
has actively participated in e-Certificate course in "Astronomy and  
Astrophysics" from 7<sup>th</sup> May to 10<sup>th</sup> May 2020 & attended "Online Quiz"

Dr. R. L. Rahatgaonkar  
*IQAC Coordinator*

Mr. S. R. Jaiswal  
*Course Coordinator*

Dr. V. D. Nanoty  
*Principal*

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

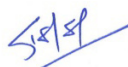
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#### Report

Department of Physics, under Internal Quality Assurance Cell, Shri R. L. T. College of Science, Akola was conducted online program of “e- certificate course in Astronomy and Astrophysics from 7<sup>th</sup> May to 10<sup>th</sup> May 2020. The activity was conducted during the lockdown period. Nearly 500 participants in Maharashtra with other states were registered in this course. The four day course included online YouTube lectures and quizzes on various topics in Astronomy. The course was conducted using college’s website and Google Forms as a platform. On the fifth day of the course, the final exam quiz was conducted and the online certificate was distributed to the qualified participant after successfully completion of the course. The main objectives of taking this course were to develop interest in the field of astronomical science among students, to cultivate public awareness and appreciation of astronomy as a hobby and science and to motivate students for scientific study for higher education in the field of space and astronomy. Shri S. R. Jaiswal, Asst. Professor, Dept. of Physics was worked as a Coordinator and successfully organized the course under the valuable guidance of Principal /Chairman Dr. V. D. Nanoty



Shri S. R. Jaiswal  
Course Coordinator



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.)

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Shri R.L.T. College of Science, Akola IQAC Activity Report (2019-20)

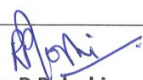
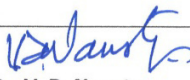
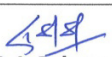
IQAC Activity No.: 15, 7.1.4

<b>Name of the Activity</b>	<b>(2019-20)</b> E- Certificate Course in Sericulture On Occasion of "Golden Jubilee Year" of College (4 Days Virtual Workshop)		
<b>Date</b>	<b>Faculty</b>	<b>Department/Committee</b>	<b>Co-ordinator Name</b>
11.05.2020 To 15.05.20	Science	Zoology	Dr. Rashmi Joshi Sawalkar (Convener)
<b>Time</b>	<b>Venue</b>	<b>Number of Participants</b>	<b>Nature Outdoor/Indoor</b>
4.00 pm	Virtually	700 Students, Faculty and 01 Convener	-----
<b>Support / Assistance</b>	IQAC, Shri R.L.T. College of Science, Akola		

#### Brief Information About the Activity (Criterion No. :.....)

<b>Topic/Subject of the Activity</b>	E- Certificate Course in Sericulture 2019-20 on Occasion of "Golden Jubilee Year" of College.
<b>Objectives</b>	To create interest in Sericulture, assess the conceptual understanding and to upgrade the subject knowledge.
<b>Methodology</b>	<ul style="list-style-type: none"> <li>• The Students, Researchers and Faculty were participated and registered for the course.</li> <li>• Participants had followed the daily schedule.</li> <li>• Every-day the link was given to participants to access the resources or videos by Centra Silk Board and Research &amp; Technology Institute, Bangalore (CSRTI).</li> <li>• It was the digital resource; you may access it multiple times till your satisfaction and understanding.</li> <li>• Date of online examination was on 15/05/20 at 11:00 am.</li> <li>• Certificate of Participation will be given to the candidates attending daily tutorials and who qualifies the online exam with min. 50% marks held on the 5th Day of Course work.</li> </ul>
<b>Link</b>	
<b>Outcomes</b>	Students get benefitted by this E- certificate course which helps in upgrading their basic concepts and subject knowledge in Sericulture and develop skill to start an Entrepreneurship and Employment.

#### Proofs / Documents Attached (Tick mark the proofs attached)

1. Notice ✓ and letters	2. Student list of participation	3. Activity ✓ report	4. Photos	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate ✓	9. Any other	10. Banner and result sheet
<b>Name of Teacher and Signature</b>	<b>Name of Head/ Committee In-charge and Signature</b>	<b>Principal's Signature</b>		<b>IQAC Co-ordinator Seal and Signature</b>
 Dr. R.P. Joshi		 Dr. V. D. Nanoty		 Dr. R. L. Rahatgaonkar

1

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### REPORT

SHRI RLT COLLEGE OF SCIENCE, AKOLA

Four Days Virtual Workshop: E-Certificate course in sericulture

Department of Zoology and IQAC

11<sup>th</sup> May to 14<sup>th</sup> May 2020

E- Certificate Course in Sericulture on Occasion of "Golden Jubilee Year" of College (4 Days Virtual Workshop) was organized by Department of Zoology, Shri RLT College of Science, Akola and IQAC. The course Coordinator, Dr. Rashmi Joshi Sawalkar, Assistant Professor, Department of Zoology conducted the four days virtual workshop Scheduled from 11th May to 14th May 2020 and daily from 11 am to 2 pm. On last day that is on 15<sup>th</sup> May 2020 the final Online Quiz was conducted. The 50% passed participants received their E- Certificates after filling the feedback form. About 700 participants through all the states of India and some students and researchers from abroad like Mauritius, Nigeria, Pakistan also joined the course. In the concluding Quiz about 350 participants passed the exam and received the e-certificate. All the study material was given to participants in PDF format. Below are the links given for the 4 days schedule and the link for concluding quiz on last day.

Day 1 Seri: <https://forms.gle/tzLx9hPqTbs2zM4D9>

Day 2 Seri: <https://forms.gle/7xs58sYfLQ5MhhHEA>

Day 3 Seri: <https://forms.gle/tJWiDkHfxNNPDZ6o9>

Day 4 Seri: <https://forms.gle/THapcBrit13SxHPC8>

Day 5 Final

Quiz: [https://docs.google.com/forms/d/1MWHesywJdVW1SjK\\_XxfZ3vTFkQdBZeVK6qpiYE4xyN8/edit?usp=sharing](https://docs.google.com/forms/d/1MWHesywJdVW1SjK_XxfZ3vTFkQdBZeVK6qpiYE4xyN8/edit?usp=sharing)



2

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



Dept. of Physics



SHRI R. L. T. COLLEGE OF SCIENCE  
AKOLA



ZEBRA  
Zoology Education By Research Activity

The Berar General Education Society's  
**Shri R.L.T. College of Science, Akola**  
Re-accredited 'A' Grade by NAAC, Bangalore with CGPA 3.12  
IQAC, Dept. of Physics and Dept. of Zoology

Organizing  
**e-Certificate Courses**  
**"e- Course in Sericulture"**  
by Department of Zoology  
&  
**"Astronomy and Astrophysics"**  
by Department of Physics  
From  
**7<sup>th</sup> May To 15<sup>th</sup> May 2020**  
Course Coordinators  
**Dr. Rashmi P. Joshi**  
**Prof. Shailesh Jaiswal**

IQAC Coordinator  
Dr. R. L. Rahatgaonkar

Principal  
Dr. Vijay D. Nanoty

.....Stay Home-Stay Safe.....

**E-Certificate Course in Sericulture**  
Organized by  
**Department of Zoology and IQAC**  
**Shri R. L. T. College of Science, Akola**  
From 11<sup>th</sup> to 15<sup>th</sup> May 2020  
**SCHEDULE**

Day	Contents of the course	Type of Resource	Time
Day 1 11/05/2020 Thursday	1. <b>Introduction to sericulture:</b> <ul style="list-style-type: none"> <li>• Cultivation of food plants.</li> <li>• Bioecology of mulberry silkworms</li> <li>• Rearing of silkworms.</li> </ul>	Video Tutorial-1 PDF-1	11 am To 02 pm
Day 2 12/05/2020 Friday	2. <b>Harvesting of silk cocoons:</b> <ul style="list-style-type: none"> <li>• Harvesting and processing of cocoons.</li> <li>• Stifling and reeling of cocoons</li> <li>• Reeling's seling to Textile mills</li> <li>• Reeling appliances</li> </ul>	Video Tutorial-2 PDF-2	11 am To 02 pm
Day 3 13/05/2020 Saturday	3. <b>Non-Mulberry sericulture:</b> <ul style="list-style-type: none"> <li>• Tasar sericulture</li> <li>• Muga sericulture</li> <li>• Eri sericulture</li> </ul>	Video Tutorial-3 PDF-3	11 am To 02 pm
Day 4 14/05/2020 Sunday	4. <b>Diseases in Silkworms:</b> <ul style="list-style-type: none"> <li>• Types of Diseases.</li> <li>• Preventive measures for disease free cocoon production.</li> </ul>	Video Tutorial-4 PDF-4	11 am To 02 pm

Please Note:  
 > Click Students of B.Sc and B.Ed can participate or register for the course  
 > Participants have to follow this daily schedule.  
 > Every day the link will be given to you to access these resources.  
 > It is a digital resource; you may access it multiple times till your satisfaction and understanding.  
 > Date of online examination will be communicated on active what's-App group.  
 > Certificate of Participation will be given to the candidates attending daily tutorials and who qualifies the online exam with min. 50% marks.

In-case of any difficulty, please feel free to call on Mob.no.9923074666  
Mail ID: rashmisawalkar75@gmail.com

Coordinator  
Dr. Rashmi P. Joshi (Assistant Professor)  
Department of Zoology

Dr. S. M. Nagarkar  
Head  
Department of Zoology

Shri R. L. T. College of Science, Akola



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.)

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Shri R.L.T. College of Science, Akola

#### IQAC Activity Report (2019-20)

IQAC Activity No. : 05

<b>Name of the Activity</b>	<b>National Online Workshop on Operating Techniques of Scientific Instruments in Laboratory (OTSIL-2020)</b> In Collaboration with Internal Quality Assurance Cell (IQAC)		
<b>Date</b>	<b>Faculty</b>	<b>Department/Committee</b>	<b>Co-ordinator Name</b>
11.05.2020 to 15.05.2020	Science	---	Dr. Pradip P. Deohate (Organizing Secretary)
<b>Time</b>	<b>Venue</b>	<b>Number of Participants</b>	<b>Nature Outdoor/Indoor</b>
---	---	554	Online
<b>Support / Assistance</b>	---		

#### Brief Information About the Activity (Criterion No. : .....)

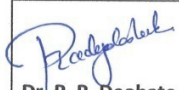
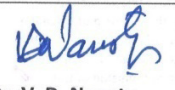
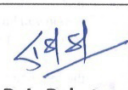
<b>Topic/Subject of the Activity</b>	National Online Workshop on Operating Techniques of Scientific Instruments in Laboratory (OTSIL-2020) Organized in Collaboration with IQAC
<b>Objectives</b>	To make the participants familiar with operational techniques of scientific instruments commonly used in laboratories for undergraduate and postgraduate studies in basic sciences.
<b>Methodology</b>	Videos, power point presentations and MCQ's on operating techniques of spectrophotometer, colorimeter, conductivity meter, pH-meter, potentiometer, polarimeter, flame photometer, refractometer, sonicator, microscope and telescope.
<b>Outcomes</b>	Participants of this workshop get the information about different operating techniques of scientific instruments used in laboratories.

#### Proofs / Documents Attached (Tick mark the proofs attached)

1. Notice <input checked="" type="checkbox"/> and letters	2. Student list of <input checked="" type="checkbox"/> participation	3. Activity <input checked="" type="checkbox"/> report	4. Photos	5. Feedback <input checked="" type="checkbox"/> form
6. Feedback analysis	7. News clip with details	8. Certificate <input checked="" type="checkbox"/>	9. Any other	10. Coverpages and index

#### IQAC Cell

#### IQAC Cell Activity No. : .....

<b>Name of Teacher and Signature</b>	<b>Name of Head/ Committee In-charge and Signature</b>	<b>Principal's Signature</b>	<b>IQAC Co-ordinator Seal and Signature</b>
 Dr. P. P. Deohate		 Dr. V. D. Nanoty	 Dr. R. L. Rahatgaonkar

1

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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

Organized by ....  
Shri R.L.T. College of Science, Akola-444001,  
Maharashtra, India

In Collaboration with IQAC

Patrons ....  
Hon'ble Adv. Motisingh G. Mohta  
President  
Shri Vijaykumar S. Toshniwal  
Sr. Vice President  
Dr. Ravindra C. Jain  
Jr. Vice President  
Shri Pavan N. Maheshwari  
Hon. Secretary  
Er. Abhijeet G. Paranjape  
Jt. Secretary  
The Berar General Education Society, Akola

Advisor ....  
Dr. Vijay D. Nanoty  
Principal, Shri R.L.T. College of Science, Akola

Organizing Secretary ....  
Dr. Pradip P. Deohate  
Associate Professor in Chemistry  
Shri R.L.T. College of Science, Akola

Dear Participants, we are very much happy to organize "National Online Workshop on Operating Techniques of Scientific Instruments in Laboratory (OTSIL-2020)". In this online workshop we have included some videos describing the details about the operational techniques of scientific instruments commonly used for undergraduate and postgraduate studies in basic sciences. The MCQ's test based on different aspects and concepts of instrumental operating techniques is also the part of this workshop. Herein you have to watch the videos and solve the MCQ's test. The certificate of participation will be send on your email address just after completir the required activities and submission of this form. If any query please contact on 9890770318.

National Online Workshop on Operating Techniques of Scientific Instruments in Laboratory (OTSIL-2020) organized by Shri R.L.T. College of Science, Akola, Maharashtra. The teachers, students, researchers and other academicians may participate in this workshop. Please follow the link given below for registration and participation.  
<https://forms.gle/xb1oyNzbHQo5PfzV6>



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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

Duration - Monday, 11.05.2020 to Friday, 15.05.2020

Conducted by - Shri R.L.T. College of Science, Akola

In Collaboration with - Internal Quality Assurance Cell (IQAC)

Patrons - Hon'ble Adv. Motisingh G. Mohta, Prsident, Hon'ble Shri Vijaykumar S. Toshniwal, Sr. Vice President, Hon'ble Dr. Ravindra C. Jain, Jr. Vice President

Hon'ble Shri Pavan N. Maheshwari, Hon. Secretary, Hon'ble Er. Abhijeet G. Paranjape, Jt. Secretary and All Other Hon'ble Executive Members,

The Bharat General Education Society, Akola

Advisor - Dr. Vijay D. Nanoty, Principal, Shri R.L.T. College of Science, Akola

Organizing Secretary - Dr. Pradip P. Deohate, Associate Professor, Department of Chemistry, Shri R.L.T. College of Science, Akola

Total No. of Participants - 554

Sr. No.	Name of Participant	Name of Institution	Designation	Total Score	Feedback	Username
1	Dr. Pradip P. Deohate	Shri R.L.T. College of Science, Akola	Associate Professor	150.00 / 150	Good	pradip222091@yahoo.co.in
2	Mohit Suresh Ambuskar	RLT college Akola	Student	55.00 / 150	Excellent	ambuskar mohit@gmail.com
3	Dr.Nilesh Vasram Rathod	R.A.Arts, M.K.Comm. and S.R.Rathi Sc. College Washim	Assistant Professor	105.00 / 150	Excellent	nileshrathod3684@gmail.com
4	Prof.litendra Ashok Borse	Late Pushpadevi Patil Arts and Science college Risod	Assistant Professor	125.00 / 150	Average	jaborse@gmail.com
5	Chandrakant D.Ghugare	Government Polytechnic College Washim	Assistant Professor	120.00 / 150	Excellent	ghugarecd@gmail.com
6	Mohd Shahid Mond Rashid	P N College Pusad	Professor	70.00 / 150	Good	shahidshahkh738@gmail.com
7	Ku. Jaysri S. Jadhao	P.N.College Pusad	Research Scholar	120.00 / 150	Good	jaynil5216@gmail.com
8	Ku. Minal D. Rathod	R. A College Washim	Student PG	110.00 / 150	Excellent	minalrathod230398@gmail.com
9	Pavan M. Kadam	Shri Vyankatesh Arts Commerce & Science College	Assistant professor	135.00 / 150	Excellent	pavankadam001@gmail.com
10	Adinath Devidas Badar	Late Pushpadevi Patil Arts and Science College Risod	Assistant Professor	120.00 / 150	Excellent	badaradinath@gmail.com
11	Pravin Raghunath Kawle	Shri R. L. T. College of Science, Akola	Assistant Professor	115.00 / 150	Good	pravink280685@rediffmail.com
12	Sachin V. Manohare	J. B. Science Mahavidyalaya Dharamgaon Rly	Assistant professor	135.00 / 150	Excellent	smanshare@gmail.com
13	Dr Anilkumar G. Jadhav	Mahatma Gandhi Mahavidyalaya,Ahmedpur	Assistant professor	115.00 / 150	Poor	anilkumargovindrajadhav@gmail.com
14	Dr PANKAJ S CHAUDHARI	Shri Vitthal Rukmini College, Sawana	Assistant professor	65.00 / 150	Good	pscpusad@gmail.com
15	Santosh Laxman Kumbhare	Shri Shivaji Science & Arts College, Chikhli	Associate Professor	110.00 / 150	Excellent	infoskumbhare@yahoo.com
16	Chanchal Khakkar	CSIR CIMFR	Project Chemist	100.00 / 150	Excellent	cmkhakkar@gmail.com
17	Prof. Yogesh P. Wajal	Shri D. M. Burungale Science and Arts College, Shegaon	Assistant Professor	105.00 / 150	Good	yogeshwajal23@gmail.com
18	Ankita Arun Gormare	Shivaji College, Akot	Student	30.00 / 150	Excellent	Ankitagormare@gmail.com
19	Ashwini. P. Nair	Shri RLI college of science, Akola	Student	65.00 / 150	Good	nairashwini12@gmail.com
20	Ramesh Kumar	Saraswati college	Student	35.00 / 150	Excellent	rameshkumar316@gmail.com
21	Nikhil Sahebrao Kardalkar	ASCC Chikhaldara	Student UG	60.00 / 150	Good	nikhilkandalkar396@gmail.com

**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**

Sl. No.	Name of the Candidate	Institution	Category	Score	Grade	Contact Information
550	Vashnavi Suresh Saraf	Shri Shivaji Science College, Amravati	Student (UG)	115.00 / 150	Good	vashnavi.saraf98@gmail.com
551	Hansha Sathuram Gwalani	S. D. M. Buringale science and arts college, shergaon	Student (UG)	120.00 / 150	Excellent	gwalanihansha@gmail.com
552	AMISHA, DESHMUKH	Shri Shivaji science College Amravati	Student UG	90.00 / 150	Good	ceshmukherishaz1@gmail.com
553	Dimple Dharamshi Patel	KBP College Vaashi	Student (UG)	125.00 / 150	Poor	edpp9112@gmail.com
554	Nikita Santoshrao Darge	Shri Shivaji Science College, Amravati	Student UG	130.00 / 150	Good	nikitadange100@gmail.com

Date : 15.05.2020

*(Signature)*

Dr. V. D. Nanoty  
Principal  
Shri R.L.T. College of Science, Akola

*(Signature)*

Dr. P. P. Deshpande  
Organizing Secretary  
Workshop (C/SIL-2020)



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Shri R.L.T. College of Science, Akola IQAC Activity Report (2019-20)

IQAC Activity No. : 06

<b>Name of the Activity</b>	<b>State Level Online Workshop on Intellectual Property Rights (IPR-2020)</b> In Collaboration with Internal Quality Assurance Cell (IQAC)		
<b>Date</b>	<b>Faculty</b>	<b>Department/Committee</b>	<b>Co-ordinator Name</b>
23.05.2020 to 29.05.2020	Science	Research and NAAC Criterion-III Committee	Dr. Sushil M. Nagrale (Convener) Dr. Pradip P. Deohate (Organizing Secretary) Dr. Anjali A. Sangole Prof. Vinod D. Deotale (Members)
<b>Time</b>	<b>Venue</b>	<b>Number of Participants</b>	<b>Nature Outdoor/Indoor</b>
---	---	505	Online
<b>Support / Assistance</b>	---		

#### Brief Information About the Activity (Criterion No. : .....)


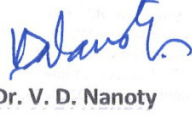

<b>Topic/Subject of the Activity</b>	State Level Online Workshop on Intellectual Property Rights (IPR-2020) Organized in Collaboration with IQAC
<b>Objectives</b>	To share the information about common intellectual property rights like patents filing, copyrights, registered designs, trademarks with participants.
<b>Methodology</b>	Videos, power point presentations, pdfs and MCQ's on intellectual property rights. Video Courtesy - Prof. Prathap Haridoss, IIT, Madras and IIPTA
<b>Outcomes</b>	Participants of this workshop get the information about common intellectual property rights.

#### Proofs / Documents Attached (Tick mark the proofs attached)

1. Notice <input checked="" type="checkbox"/> and letters	2. Student list of <input checked="" type="checkbox"/> participation	3. Activity <input checked="" type="checkbox"/> report	4. Photos	5. Feedback <input checked="" type="checkbox"/> form
6. Feedback analysis	7. News clip with details	8. Certificate <input checked="" type="checkbox"/>	9. Any other	10. Coverpages and index

#### IQAC Cell

IQAC Cell Activity No. : .....

<b>Name of Teacher and Signature</b>	<b>Name of Head/ Committee In-charge and Signature</b>	<b>Principal's Signature</b>	<b>IQAC Co-ordinator Seal and Signature</b>
 Dr. P. P. Deohate		 Dr. V. D. Nanoty	 Dr. R. L. Rahatgaonkar

1

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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

Organized by ...  
Shri R.L.T. College of Science, Akola-444001,  
Maharashtra, India

Collaborated by IQAC

Patrons ...  
Hon'ble Adv. Motisingh G. Mohta  
President  
Hon'ble Shri Vijaykumar S. Toshniwal  
Sr. Vice President  
Hon'ble Dr. Ravindra C. Jain  
Jr. Vice President  
Hon'ble Shri Pavan N. Maheshwari  
Hon. Secretary  
Hon'ble Er. Abhijeet G. Paranjape  
Jt. Secretary  
and  
All Other Hon'ble Executive Members  
The Berar General Education Society, Akola

Advisor ...  
Dr. Vijay D. Nanoty  
Principal, Shri R.L.T. College of Science, Akola

Convener ...  
Dr. Sushil M. Nagrale  
Associate Professor and Head  
Department of Zoology

Organizing Secretary ...  
Dr. Pradip P. Deohate  
Associate Professor in Chemistry

Organizing Committee Members ...  
Dr. Anjali A. Sangole  
Assistant Professor in Botany  
Mr. Vinod D. Deotale  
Assistant Professor in Chemistry

Dear Participants, we are very much happy to  
organize "State Level Online Workshop on  
Intellectual Property Rights (IPR-2020)". In this  
online workshop we have incorporated some  
videos, ppt and pdf file having information about  
IPR related to academic, research activities and  
publication of documents. The MCQ's test based  
on IPR information is also given herewith. You  
have to watch the videos and solve the MCQ's  
test. The certificate of participation will be send  
on your email address after submission of this  
form. If any query please contact on 9370322456,  
9890770318.

State Level Online Workshop  
on Intellectual Property Rights  
(IPR-2020)  
docs.google.com

State Level Online Workshop on Intellectual  
Property Rights (IPR-2020) organized by  
Shri R.L.T. College of Science, Akola. The  
teachers, researchers, students and other  
academicians may participate in this  
workshop. Please follow the link given below  
for registration and participation.  
<https://forms.gle/uqghkHGkV5sa79Si8>

5.34 pm

2

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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

Duration - Saturday, 23.05.2020 to Friday, 29.05.2020

Conducted by - Shri R.L.T. College of Science, Akola

In Collaboration with - Internal Quality Assurance Cell (IQAC)

Patrons - Hon'ble Adv. Motisingh G. Mohite, President, Hon'ble Shri Vijaykumar S. Toshniwal, Sr. Vice President, Hon'ble Dr. Ravindra C. Jain, Jr. Vice President  
Hon'ble Shri Pavan N. Maheshwari, Hon. Secretary, Hon'ble Er. Abhijeet G. Paranjape, Jt. Secretary and All Other Hon'ble Executive Members,

The Barar General Education Society, Akola

Advisor - Dr. Vijay D. Nanoty, Principal, Shri R.L.T. College of Science, Akola

Convener - Dr. Sushil M. Nagrale, Associate Professor and Head, Department of Zoology, Shri R.L.T. College of Science, Akola

Organizing Secretary - Dr. Pradip P. Deohate, Associate Professor, Department of Chemistry, Shri R.L.T. College of Science, Akola

Organizing Committee Members - Dr. Anjali A. Sengole, Assistant Professor, Department of Botany, Shri R.L.T. College of Science, Akola

Mr. Vinod D. Deotele, Assistant Professor, Department of Chemistry, Shri R.L.T. College of Science, Akola

Resource / Video Courtesy - Prof. Prathap Haridoss, IIT, Madras and IPTA

Total No. of Participants - 505

Sr. No.	Name of Participant	Name of Institution	Designation	Total Score	Feedback	Username
1	Dr. Pradip P. Deohate	Shri R.L.T. College of Science, Akola	Associate Professor	70 / 75	Excellent	pradip222091@yahoo.co.in
2	Dr. Poonam T. Agrawal	Shri R. L. T. College of Science Akola	Assistant Professor	55 / 75	Excellent	poonamgrawal2575@rediffmail.com
3	Shailendra Madavi	Shri R.L.T. College of Science, Akola	Assistant Professor	65 / 75	Excellent	shailendramadavi2@gmail.com
4	Dr. Sachin Aswar		PHD	45 / 75	Good	gsachin99@gmail.com
5	Shankesh Chandrakant Zyate	Shri. R. L. T. college of science, Akola	Assistant professor	55 / 75	Excellent	shankeshzyate@gmail.com
6	Shrutika Vijay Kadam	Shri R. L. T. College of science Akola	Student	65 / 75	Excellent	shrutikadeshmukh3238@gmail.com
7	Dr. Siddharth A. Waghmare	Gfulam Nabi Azad College, Barshtakli	Assistant Professor	60 / 75	Excellent	siddharthwaghmare2011@gmail.com
8	Dr Ashish Govindrao Sarap	Shri R.T college of science Akola	Assistant professor	50 / 75	Excellent	sarap.aashish1@gmail.com
9	Rahul Devidas Gavande	Z.P. School Matangwasti	Teacher	55 / 75	Excellent	rahulbhau491@gmail.com
10	Dr.Ashish D. Bansod	Rajarshee Shahu Science College Chandur Rly	Assistant Professor	40 / 75	Good	ashish.bansod@rsc.edu.in
11	Mr. Amardeep R. Jadhao	Late Pushpadevi Patil Arts and Science College Risod	Assistant Professor	65 / 75	Excellent	amardeepjadhao@gmail.com
12	Prof.Jitendra Ashok Borse	Late Pushpadevi Patil Arts and Science College Risod	Assistant Professor	55 / 75	Good	jaborse@gmail.com
13	Adinath Devidas Badar	Late Pushpadevi Patil Arts and Science College Risod	Assistant Professor	35 / 75	Excellent	badaradinath@gmail.com
14	Senali Subhash Wakeoe	Shri R. L. T. College of science, Akola	Student	40 / 75	Excellent	senali.wakeole1997@gmail.com
15	Govind Kumar Sahu	Veer Bahadur Singh Purnvanchal University, Jaunpur, UP	Student	25 / 75	Excellent	sahcogovind69@gmail.com
16	Miss Rashmi Ingle	Shri R.L.T. college of science, Akola	Assistant professor	60 / 75	Average	rashminge50@gmail.com
17	Pratiksha Haridas Mhatre	R.L.T science collage Akola	Student	25 / 75	Excellent	pratikshamhatre.903@gmail.com

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

480	Lokesh Vitthalrao Malkhede	Amolachand Vidhi Mahavidyala, Yavatmal	Student	65 / 75	Excellent	malhedeokesh99@gmail.com
481	K. Kuppemmal	Jaya college of arts and science, thiruniravur	Student	70 / 75	Average	kannankannan24986@gmail.com
482	Vaishnavi Ravindra Deshmukh	Shri R.L.T. College of Science, Akola	Student	75 / 75	Excellent	vaishnavireeshmukh18@gmail.com
483	Akshata Sandip Mulke	Amolachand Vidhi Mahavidyalaya, Yavatmal	Student	70 / 75	Excellent	asmuke25@gmail.com
484	Khushi Ganesh Pali	R.L.T college of sciences, akola	Student	50 / 75	Excellent	palikhushi0714@gmail.com
485	Deepak S. Wankhade	Mahatma Jyotiba Fule College, Amravati	Assistant Professor	60 / 75	Excellent	dsankhade28@gmail.com
486	Alisha Habib	Mohan Lal Sukhadia university	Student	70 / 75	Excellent	habibalish06@gmail.com
487	Deepthi Bhargava	Ch.S.D.S. Theresa's College for Women, Eluru	Assistant Professor	35 / 75	Excellent	deepthibhargava123@gmail.com
488	Ashwini P Nair	Shri RIT College of Science Akola	Student	25 / 75	Excellent	nairashwini7@gmail.com
489	Dr. Dipak Krishnarao Raut	Saraswati Kala Mahavidyalaya, Dahanuand, Dist akola	Asst. Professor	35 / 75	Excellent	pradipkrout@gmail.com
490	Kausalya J. R	Jaya College of Arts and Sciences	Student	45 / 75	Good	jothiguru8@gmail.com
491	Mr. Dursan Bharat Kalnigeh	Shri Shivaji Science College, Amravati	Student	70 / 75	Excellent	darshankalrnigeh1998@gmail.com
492	Farheen Tabassum M. Baitique	RLT college of science Akola	Student	40 / 75	Average	farheentabassum33@gmail.com
493	Vijay Janarchan Watile	S. M. College, Pandharkawada	Assistant Professor	45 / 75	Excellent	vijaywatile@gmail.com
494	Shweta Sanjay Watile	Vidyebharti mahavidyalaya Amravati	Student	75 / 75	Excellent	shweta.watile@gmail.com
495	Snehal Surendra Ghogare	Shri.R.L.T college of science Akola	Student	50 / 75	Excellent	ghogaresnehal2@gmail.com
496	Shrutl Nagara: Kalnigeh	R L T College of science Akola	Student	55 / 75	Good	shrutikalnigeh12@gmail.com
497	Abhay T. Dhakulkar	Amolachand vidhi mahavidyalaya Yavatmal	Student	60 / 75	Excellent	dhaikulkarabhay@gmail.com
498	Aishwarya Wakte	Shri. R. L. T. College Akola	Student	30 / 75	Excellent	aishwaryavakte@gmail.com
499	PRANAY RAMPRAKASH PALI	Shri Shivaji College, Akola	Teacher	25 / 75	Excellent	pranaypali90@gmail.com
500	Ms. Neha Anil Dhale	Lokmanya Tilak Mahavidyalaya Wani	Professor	50 / 75	Excellent	nehadhaies43@gmail.com
501	S. Laasya Sherabina	Holy Cross College (Autonomous), Trichy	Student	35 / 75	Excellent	laasyasherabina1341@gmail.com
502	Sakshi Kumar	RIMT UNIVERSITY, Mandgobindgarh (Punjab)	Student	75 / 75	Excellent	skrs4443072@gmail.com
503	Shilpa Thakur	RIMT UNIVERSITY, Mandgobindgarh (Punjab)	Student	75 / 75	Excellent	st9344072@gmail.com
504	RITESH SUNIL JOSHI	Shloshakti, Bahubhugaon, Dist- Yavatmal.	Teacher	50 / 75	Excellent	joshi.ritesh11@yahoo.com
505	JAYACHANDRAN K	KONGLU ARTS AND SCIENCE COLLEGE, ERODE	Student	40 / 75	Good	Jayjay00121@gmail.com

*Dr. V. D. Nanoty*

Dr. V. D. Nanoty  
Principal  
Shri R.L.T. College of Science, Akola

*Dr. S. M. Nagrale*


Dr. S. M. Nagrale  
Convener  
Workshop (IPR-2020)

*Dr. P. P. Deohate*

Dr. P. P. Deohate  
Organizing Secretary  
Workshop (IPR-2020)

Date : 29.05.2020


The Berar General Education Society's  
**Shri R.L.T. College of Science, Akola**  
NAAC Reaccredited Grade 'A' with CGPA 3.12 (3<sup>rd</sup> Cycle)  
Affiliated to Sant Gadge Baba Amravati University, Amravati



**Certificate**

This is to certify that,

**Dr. Pradip P. Deohate**  
Shri R.L.T. College of Science, Akola  
Participated in the State Level Online  
**Workshop on Intellectual Property Rights (IPR-2020)**  
Organized by Shri R.L.T. College of Science, Akola on Saturday, 23<sup>rd</sup> May 2020



*Pradip P. Deohate* *S. M. Nagrale* *V. D. Nanoty*  
**Dr. P. P. Deohate** **Dr. S. M. Nagrale** **Dr. V. D. Nanoty**  
Organizing Secretary Convener Principal  
Workshop (IPR-2020) Workshop (IPR-2020) Workshop (IPR-2020) Shri R.L.T. College of Science, Akola

Collaborated by **IQAC**

**IPR-2020**  
Intellectual Property Rights



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Shri RLT College of Science, Akola  
Department of Physics

e-Certificate Course on 'Renewable Energy – The Demand of Future



Fill up [Online Registration Form](#) to Enroll to this course and also check Course Schedule

[Download Day-wise Activity Schedule](#)

[Brochure](#)

[Inaugural Speeches by Organisers](#)

Day-1 Introduction to Renewable Energy Practice  
Video

DAY-2

Biomass and Geothermal Power

DAY-3

Solar Energy & Hydroelectricity

DAY-4

Electric Vehicle, Hydrogen as a fuel & Ocean Energy  
[Video Tutorials Link](#)

Day-5

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

**DAY-6**

**India's Renewable Energy Journey & Grading Quiz.**

**Session-1: India's Renewable Energy Journey (Time: 11 am to 12 noon)**

[Video Tutorial Link](#)

[Final Grading Quiz Link](#)

**Feedback from Participants:**

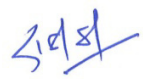
Shri R. L. T. College of Science, Akola Department of Physics e-Certificate course on Renewable Energy-Demand of future Feedback from Participants 30-05-2020									
Sr. No.	Full Name (For Certificate)	Short Name of your Institute (For Certificate)	The content of the course	The level of the course	The length of the course	Communication by organizers	Understanding about the course	Remark About the Course	General Remark
1	Aadesh Kothari	SGBAU Anravati	5	2	4	2	3	This very good course for new entrepreneur	Thanks to RLT College akola for providing a such good platform for study and utilizing a time very well.
2	Lokanksha Anilkumar Sabu	Shri R.L.T. College of Science, Akola, Maharashtra.	4	4	5	4	5	Nice course	
3	Abhijeet Shaligram Maheshkar	SGBAU, AMRAVATI	4	4	4	4	4	The course is arranged excellent	Tq for arranging course
4	ABHISHEK ROY	R. I. E. (NCERT), Bhubaneswar	5	3	3	5	5	It was a nicely organised course with useful information	Thanks to all the organisers for this course. Hope to attend more such courses.
5	ABHISHEK VISHWANATH PANCHAL	KJ Somaiya College of Science and Commerce (KJSSC)	4	4	3	4	5	The Course was good and gain something interesting to learn and enhance knowledge...	Overall the course and the pattern of the course was good thanks.
6	Adeeba Imtiyaz	AMU	4	4	4	4	4	Nice	I think the Indian teacher's videos need to be modified. The overall voice quality and speed of the video.
7	Aditya Suresh Gawande	Shri. R.L.T.College of Science,Akola	3	3	3	3	3	Good	Good
8	Aishwarya Sumil Sonone	RLT college of science Akola	5	5	5	5	5	Excellent	Excellent
9	AISWARYA LAKSHMI K	Sri Abhideshwari Women's College,Wandiwash.	5	5	5	5	5	I really enjoyed.	Thank you
10	Ajinkya Subhadev Kumbhar	SCASC	5	5	5	5	5	Good	
11	AKSHAY PAWAN JENKAR	ACS college, Maregaon	4	4	4	5	4	Very informative	
12	Alula Anamala	Ch.S.D.St.Theresa's College for Women (A), Eluru	5	5	5	5	5	No remark	
13	Alankar Kumarangalam Kamble	Fajaram College, Kolhapur	4	4	4	4	4	Good	Good
14	AMAR PAL-SINGH	V.D.S.Planetarium Gkp	5	5	5	5	5	It was very informative to one and all	Great
15	Amey Joshi	RLT College Of Science Akola	5	5	5	5	5	Very innovative and useful course	Course gave us valuable piece advice about conservation o environment
16	Amit A. Jagya	Manoharbai Patel College Sololi	5	5	4	5	4	Course and course content was superb. All the practical utilities of different energies were explained with the help of beautiful presentations and animated videos. Big Thank you to the organizer team for smooth conduct.	
17	Amol Jagannath Shende	Yashwantrao Arts College Mahagaon	5	5	4	5	5	Good organizations	It is very usefully course.
18	Amol Shankar Lihbar	Indira Gandhi Kala Mahavidyalaya, Rahegaon	4	4	2	4	4	Good work	
19	Aniket Brajeshbhumar Sadani	MFT-WPU	4	3	4	4	4	It was a good course for the students.	None
20	Anjali Mallapalli	Bvcoew	5	5	5	5	5	Team	U r perfect
21	Anjali Ram Mawale	G.S.College ,Rhanggaon	5	5	5	4	5	It's a very excellent	Good
22	Ankita Gajanan Kothalkar	B.S.Patel Art, Commerce & Science College Pimpalgaon Kale	5	5	4	5	5	The all contents of this course is very knowledgeable especially the pdf and quiz	Thank you sir and whole committee members who ar worked in this e-course. This course was very knowledge
23	Ankita Vasant Bhad	Shri R.L.T college of science,Akola	3	3	2	4	4	Good	Good work


## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

24	Anuj Singh	AMU, Aligarh	3	3	3	4	3	It's swift	
25	Aparna Rao	SIES College of Arts, Science & Commerce.	4	4	3	4	4	All the topics weren't covered well by the materials given. Over-all good knowledge was received.	
26	Apoorva Harshad Kumar Damodar	Shri R. L. T. College	4	5	5	5	5	It was very informative and helpful. Easy to understand.	
27	Arpita Anil Jadhao	Shri R.L.T college of science Akola	4	4	4	5	5	Useful	Nice
28	ARPYTHA JAVARAMAN	GFSU	3	3	3	2	4	The study materials that were provided didn't cover every thing.. Due to which many of us faced problems in solving the mcqs.	Please provide a bit more informational resources.
29	Arvind Dnyanoba Kanwate	Shri Vyankatesh College Dandgaon Raja	5	5	4	4	5	Good	
30	Ashiru Kumar Sabar	Steel Authority of India Limited	5	5	5	5	5	Excellent course organised excellently.	May plan for higher level next time.
31	Atharv Chetan Vibhute .	RCK .	5	5	5	5	4	For understanding , Hindi language ( Video ) is more essential .	My knowledge is updated .
32	Atharva Devendra Joshi	SIPMA COET	5	5	4	5	5	Best. Should come up with more courses like these.	Best
33	BHAGYASHREE SUBHASH TAWLARE	SSMCE	3	4	4	4	5	Very good	Nice
34	BHARTI KRISHNA THORVE	KJ.SOMAYA COLLEGE OF SCIENCE AND COMMERCE, MUMBAI	4	5	5	5	5	It was really good.	Amazing
35	Bharat Bahaduran Madavi	Arvindhan Deshmukh college	5	5	4	5	5	Very valuable information provided by institution	Happy to get knowledge about renewable energy
36	BHASKAR VINAYAK TUPTI	S.G.M. College Kurkheda	5	5	5	5	5	Excellent and Very Informative Course	Very Informative Course
37	Bhavesh Suresh Agrawal	VBMV,Amravati	5	5	5	5	5	A very good course	
38	BHUPENDRA THIRKAM KUMBHARE	Shri R. R. Lahoti Science College Morshi	5	5	5	5	5	Best	Very Informative
39	Bhira Venkata Sai Lakshmi	Ch.S.D.Si.Theresa's College for Women (A), Eluru	5	5	5	5	5	No	

40	Chandrakant Uttam Dhanwad	MSP ART,SCIENCE AND KPT COMMERCE COLLEGE, MANORA	5	5	4	4	5	Thanking good program organized	Best
41	Chetan Vilas Kale	SHRI R.L.T COLLEGE OF SCIENCE AKOLA	4	4	4	3	3	Good	Good
42	CHOBSINGH	M.J.F. Rohilkhand University Bareilly ( up)	5	5	5	5	5	Very informative	Amazing session
43	Damini Ganesh Wankhade	RLT college of science Akola	5	5	5	5	5	Good course	Good course
44	DAR FAHEEM UL HAQ	Aligarh Muslim University	4	4	5	4	4	Very helpful for better understanding	
45	Darshana Vijay Tapre	RLT college of science akola	5	5	5	5	5	Excellent	Excellent
46	Deepthi Dhargava	Ch.S.D.Si.Theresa's College for Women, Eluru	5	5	3	5	5	Very useful Information Nice Course	May God Bless you
47	Digvijay S.Kumbhar	D. P. Mahavidyalaya, Karjat. Dist.Almehchagar.	5	4	4	5	5	All the sessions conducted from 25 - 30 May were very excellent and easy to understand. Now to focus on Renewable Energy is the need of time. Such courses are very useful to create the awareness and understand the importance of renewable energy sources for future	Thanks for the online team of Organizers, especially Shailesh Jalwad Sir for time to time intimations without fail. Due to such nice organization, I attended all the sessions in time. Expecting same knowledge delivery in the future. Thanks once again.
48	Dipak Ashok Zope	Vidyan Mahavidyalaya Malkapur	5	5	5	5	5	No	No
49	DIVESH GAJANAN MATE	Shri R.L.T. COLLEGE OF SCIENCE AKOLA	5	5	5	5	5	GOOD THINK THAT BUSY STUDENT DURING QURATINE DAY	No PRACTICAL KNOWLEDGE ARE GIVEN
50	Divya Mahesh Bulbule	G.V.L.S.H., Amravati	5	5	5	5	5	It was an awesome session	
51	Dr-DILIP VINAYAKRAO HANDE	Shri Shivaji Science College Amravati	3	2	3	2	2	Should more updated	Live sessions required
52	Dr GAYATRI DILIP HANDE	Shri Shivaji Science College Amravati	2	2	3	2	2	Not effective	Online sessions required more
53	Dr Jaishree Vivek Bhale	Shri Shivaji college , Akola	5	5	5	5	5	Very nicely organised course content.. Thanks..	Keep on doing such type of short courses course..

  
S.R. Jalwad

  
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.)

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Shri RLT College of Science, Akola  
Department of Physics

### Online Faculty Development Programme on "Development of e-Content"

The Bharat General Education Society's  
**SHRI R.L.T. COLLEGE OF SCIENCE, AKOLA**  
Re-accredited 'A' Grade by NAAC, Bangalore with CGPA 3.12

Organises  
Faculty Development Programme (FDP) on  
**"Development of E-Content"**  
From 11<sup>th</sup> to 18<sup>th</sup> June 2020.

**OUR PATRONS**  
THE B.G.E. SOCIETY'S AKOLA

 Adv. M. G. Mohla President	 Shri V. S. Teshnivai Sr. Vice President	 Dr. R. C. Jain Jr. Vice President	 Shri F. N. Maheshwari Hon. Secretary	 Dr. A. G. Paranjape Jr. Secretary
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**& ALL OTHER EXECUTIVE MEMBERS**

 Adv. Pramod W. Agrawal	 Shri. Rameshchandra S. Chandak	 Dr. Ajay V. Kant
 Ar. Atul R. Bang	 Shri. Karan K. Cheema	 Dr. Kiran H. Ladha
 Shri. Abhay P. Bijwe	 C.A. Vikram R. Golechha	 Dr. Satish L. Rethi
 Shri. Deepak B. Chandak	 Adv. Ajaykumar R. Gupta	 Shri. Amit A. Soroka

**Organising Committee**

 Dr. V.D. Namoly Convener and Principal	 Dr. R. Y. Agrawal Organising Secretary	 Shri. S. R. Jaiswal Course Coordinator & Speaker
---	---	---

**Committee Members & Speakers**

 Mr. Dattaraj Vijaynagar Dept. of Electronics	 Mr. R. R. Choyalax Dept. of Computer Sc.	 Dr. R. H. Agrawal Dept. of Physics	 Dr. R. F. Joshi Dept. of Zoology	 Dr. A. G. Sarap Dept. of Chemistry
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Course Content:

Inaugural Speeches: [Click this link to watch the video](#)

Day-1

Video Lecture-1: [Necessary Tools for Online Teaching: Lecture - 1: Create](#)

[Google Account](#)

Video Lecture-2: [Necessary Tools for Online Teaching: Lecture - 2: Use of Google Drive](#)

Video Lecture-3: [Necessary Tools for Online Teaching: Lecture-3: Google Translator & Google Input Tools Online](#)

Video Lecture-4: [Necessary Tools for Online Teaching: Lecture-4: MathType Software](#)

Video Lecture-5: [Necessary Tools for Online Teaching: Lecture-5: Use of OCR Text Scanner](#)

Video Lecture-6: [How to convert handwritten document in PDF Format](#)

Day-1 Assignment: [Download today's assignment](#). DAY-1: Assignment Submission &

Feedback Form link: <https://forms.gle/4F5Hwuhm9ozdCOV7>

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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Day-2: Today Activity Schedule  
Video Tutorials on Video Recording, Video Editing , Video Making and Upload video on Your own YouTube Channel  
Video Lecture-1: [Video Recording](#)  
Video Lecture-2: [Video editing and making](#)  
Video Lecture-3: [Video editing](#)  
Video Lecture-4: [OBS Software for PC Screen Recorder](#)  
Video Lecture-5: [YouTube Channel](#)

Day-2 Assignment: [Click to download Assignment submission & Feedback Form Link](#)

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Day-3: Activities Shedule  
Video Lecture-1: [What is Google Class Room?](#)  
Video Lecture-2: [How to create your own Google class room](#)  
Video Lecture-3: [How to Create Assignments?](#)  
Video Lecture-4: [How to create Qiuz Assignment?](#)  
Video Lecture-5: [How to Create Customise Google Class Room](#)

[PDF: Day-3 Assignment](#)

Day-3: Assignment Submission and Feedback Form link:  
<https://forms.gle/aFREaMRM3h86bDHR9>

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Day-4: Google Forms  
Lecture-1: Introduction to Google Form  
Lecture-2: How to create Google Form? Complete Tutorials  
Lecture-3: How to create online test? Using Google Form  
Lecture-4: How to attach Certificates to Google form using Certify'em Part-1  
Lecture-4: How to attach Certificates to Google form using Certify'em (Custom Templates) Part-2  
Lecture-5: Registration/Attendance Via Google Form Using QR Code  
Lecture-6: How to upload AV Media in Google Forms  
PDF: Day-4 Assignment  
Day-4: Assignment Submission and Feedback Form

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Day-5: Testmoz: a simple test generator Activity Shedule  
Lecture-1: YouTube Channel Subscriber Discription Lecture-2: Introduction to Testmoz.com software Lecture-3: Setting in Testmoz  
Lecture-4: Insert a Question Lecture-5: Publish the test Lecture-6: Results of the test  
PDF: Day-5 Assignment

Day-5: Assignment Submission and Feedback Form

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Online FDP Day -06  
(Video Links and Assignment)  
Online Tools for Video Meeting/Conference. (Zoom app, Google Meet app, etc)

Lecture -01 (Online Video Meeting/ Conference Tools) Lecture -02 (Zoom Meeting Demonstration (Hindi/English)) Lecture -03 (Google meet Demo)

Day-6: Assignment Submission and Feedback Form  
[Day-6 Asscinment & Feedback Form](#)

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Day-7: Activities Schedule

Lecture-1: [E-Text Book\(down any text book in pdf form\)](#)

Lecture-2: [Microsoft Word](#) Lecture-2: [MS word Part-2](#) Lecture-3: [Microsoft Excel](#)

Lecture-4: [Microsoft PowerPoint](#)

Lecture-5: [Document convert using smallpdf](#)

Lecture-6: [Convert any documents into PDF](#)

[Day-7 feedback form link](#)

### Report

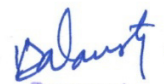
Shri R. L. T. College of Science, Akola was conducted Online Faculty Development Program of "Development of E- Content For Teaching And Learning" from 08<sup>th</sup> June to 15<sup>th</sup> June 2020. The activity was conducted under IQAC, Shri R. L.T. College of Science, Akola, during the lockdown period. Nearly 950 participants in Maharashtra with other than Maharashtra were registered for this program. The Eight days short term program included live introductory lectures on zoomapp, prerecorded video lectures and day wise assignments on various topics of e-content like Google class room, Google forms, various software regarding video creating, making and editing, testmoz software, online tools for video meeting/conference etc. The program was conducted using college's website and telegram/ what's app groups as a platform. Dr. Rajesh Chandrawanshi, Shri D. Vidyasagar, Shri Ram Ghayalkar. Dr. Ashish Sarap, Dr. Rashami Joshi, Dr. R.M. Agrawal and Shri S. R. Jaiswal from Shri R. L. T. College of Science, Akola were worked as a resource persons as well as organizing committee members and delivered the lectures on various topic of e-content as mention above. At last day of thecourse, final exam quiz was conducted and the online certificate was distributed to the qualified participant after submission of day wise assignment and successfully completion of the faculty development program. The main objectives of taking this FDP were to develop interest in online teaching and learning and making people technology friendly too. It was imperative to take this program during the time of corona epidemic in the period of lockdown. Dr. P. T. Agrawal Asst. Professor, Dept. of Chemistry, was worked as an organizing secretary and Shri S. R. Jaiswal, Asst. Professor, Dept. of Physics was worked as a Coordinator and successfully organized the program under the valuable guidance of Principal/Convener Dr. V. D. Nanoty.



Shri S. R. Jaiswal  
Course Coordinator



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.)

**3.2**

**Innovation Ecosystem**

**3.2.2**

**Workshops/Seminars conducted on Research  
Methodology, Intellectual Property Rights (IPR) and  
Entrepreneurship during**

**2020-21**

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Online Short-Term Course on Research Methodology

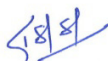
#### SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA

REPORT FOR IQAC 2020-21

(On the Occasion of Golden Jubilee Year of Shri R. L. T. College of Science, Akola)

IQAC ACTIVITY No.:11

Name of the Activity	Online Short Term Course on Research Methodology		
Date	Faculty	Department/ Committee	Coordinator / Organizing Secretary Name
13 <sup>th</sup> July To 16 <sup>th</sup> July 2020	Dr. Poonam T. Agrawal-Organizing Secretary  Mr. Shailesh Jaiswal- Member  Dr. A.G. Sarap- Member  Dr. H.S. Malpani- Member  DR. Rohit Agrawal- Member	Shri R.L.T.College of Science, Akola & Ph.D.Cell Sant Gadge Baba Amravati University, Amravati. & AUCTA & MSI	Dr. Poonam T. Agrawal: Organizing Secretary
Time	Venue	Number of Participants	Nature Indoor/Outdoor /Online/Offline
-----	---	3225	Online
Link			
Spread sheet Link			
Detail Analysis Report QR code	Not only R.L.T.College students or the students from S.G.B.Amravati University, near by places like amravati, Nagpur, Karanja, Wardha get benefited by this workshop but Students from M.P., A.P., Jammu and Kashmir and many states students took the benefit of workshop. Please scan the QR code to see the details.		
Support/ Assistance	Shri R.L.T. College of Science, Akola		



Dr. R. L. Rahatgaonkar  
IQAC Co-ordinator  
Shri R. L. T. College of Science,

Principal  
Shri R.L.T.College of Science, Akola



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. ....)

TOPIC/ SUBJECT OF THE ACTIVITY	<b>Online Short Term Course on Research Methodology</b>
OBJECTIVES	<ol style="list-style-type: none"> <li>1. To provide the information to researchers about the Ph.D. Entrance Examination.</li> <li>2. To provide the information regarding pre-Ph.D. course work</li> <li>3. To provide the information about Review of literature survey, how to write synopsis and thesis.</li> <li>4. To make aware the teachers about various UGC schemes for research funding and how to apply for it.</li> <li>5. To aware the researchers about how to apply for patent.</li> <li>6. To motivate the students for Research.</li> <li>7. To motivate the students and teachers to apply for various research funding.</li> <li>8. To motivate the teachers to apply for patent.</li> </ol>
METHODOLOGY	<p>Four days Online Short Term Course on Research Methodology was being organized by Shri R.L.T.College of Science, Akola in collaboration with Ph.D. Cell Sant Gadge Baba Amravati University, Amravati and Amravati University Chemistry Teachers Association and Microbiologist Society India from 13<sup>th</sup> July to 16<sup>th</sup> July 2020. The programme was started with University song. Principal Dr. V.D. Nanoty Delivered the welcome Speech and Hon'ble DR. Hemant Deshmukh, Director Board of Examinations and evaluations gave the introductory remark.</p> <p>The Online Short Term Course was formally inaugurate by Hon'ble Vice-Chancellor of Sant Gadge Baba Amravati University, Amravati Hon'ble Dr. MurlidharjiChandekar. Followed by stimulating speech of Hon'ble Vice Chancellor, DR. F.C. Raghuwanshi, Dean Faculty of Science and Technology gave a motivational speech. DR. P.R.Rajput, President AUCTA and DR. A. M.Deshmukh, President MSI also gave their best wishes to the online short term course.</p> <p>Dr. TusharDeshmukh, The Registrar, Sant Gadge baba Amravati University, Amravati also express his views on this occasion and admire that he is feeling proud to be an Alumni of</p>

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION


	<p>Shri R.L.T. College of Science, Akola. It is really a proud moment for all of us.</p> <p>Dr. HarsihMalpani propose the vote of thanks by giving best wishes of Hon'ble President Adv. MotisinghjiMohta and Shri PawanjiMaheshwar, hon. Secretary, of The B.G.E. Society Akola.</p> <p>The major topics covered in the first day are Importance of starting process of Ph.D. by Dr. G.V.Korpe, Head Dept. of Chemistry Shri Shivaji college Akola , Research and Entracnce Exam by Dr. S.D. Katore, Head Dept. of mathematics, SGB Amravati University, Amravati, Ph.D. Entrance Exam by DR. SunandaAswale, -----</p> <p>On second day there was one live session of Dr. D.S. Dhote, Principal BrijlalBiyani College, Amravati on Academic and Research scouring methodology under seventh pay. This live session was followed by the video lectures of Dr. G.T.Lamdhade on Review of Literature, Dr. K.N.Puri on Guideline for Pre-PhD course work and Video lecture of Dr. M.G.Bhodhankar on Scientific writing. The second day live session was conducted by DR. H.S.Malpai and vote of thanks was proposed by Shri R.D.Choudhary.</p> <p>Third day session was began with the live session of Shri Sujay Band, Asst. Registrar, Phd Cell Sant Gadge Baba .Video session of DR, M.K.Patil sir, Dr. R.A.Gulhane Sir and DR.V.P.Gudadhe on Various topics such as Research paper publication , Thesis writing and academic integrity and Plagiarism respectively. The Programme was conducted by Dr. Poonam Agrawal and vote of thanks was proposed by Shri Ram Ghyalkar.</p> <p>Fourth day there was video session of Dr. M.T.Sangole on Summery writing and tips for open defence viva. DR. Deepak Koche sir's video session on Patent filling and Dr. Hemant Chandak gave video on</p>
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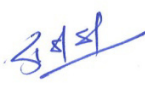
### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION


	<p>PDF and Funding Opportunity for Research,</p> <p>The Short Term course was facilitated by eminent professor, Associate professors, Asst. Professor and Researchers who came from different discipline and have real expertise in different areas of research methodology. The short term course was attended by 3225 Participants across different parts of country and abroad also. These includes scholars from various states of India like Assam, M.P. Maharashtra Uttar Pradesh and many more Participants from other countries like Philippines, Dubai was also there.</p> <p>The important objective behind this Short term course was to provide an In-depth understanding of contemporary research methodology and to help the participants to choose the right methodology pertinent to their research topics and variables. .</p> <p>Overall Conclusion of this short term course was improving the quality of research works of participants besides honoring them with the certificates. Participants were invited to share their learning experience and overall coordination of workshop by google forms.</p> <p>Finally the vote of thanks was proposed by the organizing secretary Dr. Poonam Agrawal. In her speech she thanks Prinicipal, Dr. V.D.Nanoty for his guidance and organizing members DR. A.G.Sarap, Dr. H.S.Malpani, DR. Rohit Agrawal and Shri Shaiesh Jaiswal and to each and every persons for making this event a grand success. The programme was concluded with happy note from everyone.</p>
<p>OUTCOMES</p>	<ol style="list-style-type: none"> <li>1. Total 3225 Research Scholars get benefited by this workshop which is actually a big outcome.</li> <li>2. At the end of this workshop participants should come to know.... <ul style="list-style-type: none"> <li>• About the Ph.D. entrance Exam</li> <li>• About the syllabus and examination of Pre Ph.D. course</li> </ul> </li> </ol>

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

	<p>work</p> <ul style="list-style-type: none"><li>• .How to Review Literature.</li><li>• How to choose various topics for research.</li><li>• How to write synopsis.</li><li>• How to write thesis.</li><li>• What are the various sources of Research funding .</li><li>• How to apply for various UGC research scheme.</li><li>• How to apply for patent</li></ul> <p>3. Research Interest n was developed among the participants.</p> <p>4. This workshop gives a platform to great researcher to share their view on various scientific topic</p> <p>5. R.L.T.College by means of this workshop provides the platform to the researcher who are Ph.D. Appearing, waiting for viva, or Ph.D. entrance exam get the answered about their all problems from office bearer of Sant Gadge Baba Amravati University Amravati.</p>
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**Organizing Secretary**  
**Dr. Poonam T. Agrawal**  
Assistant Professor & Head,  
Department of Chemistry,  
Shri R.L.T. College of Science, Akola

  
**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.)

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Workshop on NEP-2020

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

#### REPORT FOR IQAC 2020-21

#### IQAC ACTIVITY No.: (RPJS)

Name of the Activity	<b>One day virtual workshop and students induction programme on N.E.P 2020</b> (Issue Address: Students induction Programme)		
Date	Faculty	Department/ Committee	Coordinator Name
15/10/20	Dr. Rashmi Joshi Sawalkar- Coordinator Dr. Samadhan Munde Mr. Shailesh Jaiswal & Miss Sonali Gawande	NSS Unit of Shri R.L.T.College of Science, Akola	Dr. Rashmi Joshi Sawalkar
Time	Venue	Number of Participants	Nature: Indoor/Outdoor/ Online /Offline
10:30a m to 12:30 pm	Shri R.L.T.College of Science, Akola	337 students from the College participated	Online
Link	<a href="http://rltsc.edu.in/2020/10/16/one-day-virtual-workshop-and-students-induction-programme-on-n-e-p-2020/">http://rltsc.edu.in/2020/10/16/one-day-virtual-workshop-and-students-induction-programme-on-n-e-p-2020/</a>		
Spread sheet Link	<a href="https://docs.google.com/spreadsheets/d/1UdsoFSFeW7U5UqNShSaQFLjDsEL2Sk6Ugz53m3sxzTo/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1UdsoFSFeW7U5UqNShSaQFLjDsEL2Sk6Ugz53m3sxzTo/edit?usp=sharing</a>		
Detail Analysis Report	R.L.T.College students and the entire staff get benefited by this One Day Workshop on NEP by MGNCRE		
Support/ Assistan ce	Shri R.L.T. College of Science, Akola		

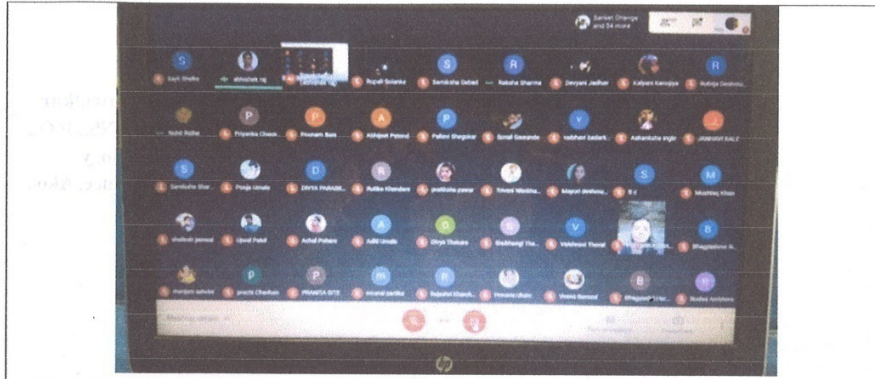
#### BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. 7.1.4)

TOPIC/ SUBJECT OF THE ACTIVITY	<b>“One day virtual workshop and students induction programme on N.E.P 2020”</b> (Issue Address: Students induction Programme)
OBJECTIVES	1. Understand the vision of SESREC (Social Entrepreneurship, Swachata & Rural Engagement Cell) 2. Promoting Social Entrepreneurship. 3. Share examples/case studies in SESREC.

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

	4. About National level B.Plan Competition.
METHODOLOGY	<p>On 15/10/20, the NSS Unit &amp; IQAC of Shri RLT College of Science Akola organised one day virtual Workshop and Student's Induction Programme on N.E.P 2020(National Education Policy- Social Entrepreneurship for Higher Educational Institutions) in collaboration with Ministry of Education, Govt. Of India. The resource person for the workshop was Mr. Abhishek Ranjan (MGNCRE,MoE). The NSS programme officer Dr. Rashmi Joshi Sawalkar took efforts to organize such activity under the able guidance of the visionary principal Dr. V. D. Nanoty. The virtual workshop was conducted on Google Meet during the time period of 10:30 am to 12:30 pm. The complete session was very informative and interactive. The participants discussed and shared their ideas with the resource person. Many students registered for this competition. The registered students were informed to submit their ideas and presentations in the coming 15 days. The entire team is grateful to the IQAC Co-ordinator Dr. R. L. Rahatgaonkar for his constant support. The event become successful with the huge response of students. The complete team of SESREC Committee of the college, Dr. Samadhan Munde, Mr. Shailesh Jaiswal and Ms. Sonali Gawande took efforts to make the event successful.</p>
OUTCOMES	<ol style="list-style-type: none"> <li>1. This event creates and develops awareness in the students about the restoring natural resources.</li> <li>2. Students come to know...How to reuse and recycle the natural resources?</li> <li>3. At the end of this program, students should be able to.... <ul style="list-style-type: none"> <li>• Find which are the precautionary measures through which ecosystem balance can be maintained.</li> <li>• Know the importance of natural resources and how to conserve them?</li> <li>• Come to know,How the proper care, efforts and precautions be taken to stop pollution, deforestation, plastic pollution ban, reuse and recycle the natural resources etc.</li> </ul> </li> </ol>
PHOTOGRAPHS	

**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**



The State General Education Society's  
**Shri R.L.T. College of Science, Akola**  
 National Service Scheme (NSS) & IQAC  
 organizes

Virtual Workshop & Students Induction Program  
 in collaboration with  
**Ministry of Education, Government of India**  
 Through  
**N.E.P. 2020 (National Education Policy 2020)**  
 (Social Entrepreneurship, For Higher Educational Institutions)  
 on  
**Date: Thursday, 15/10/2020**  
**Time: 10:30 am to 12:30 pm.**

\*Resource Person\*  
**Mr. Abhishek Ranjan (MGNCRE, MoE)**

Key Points:

- 1) Understand the vision of SESREC (SOCIAL ENTREPRENEURSHIP, INNOVATION & RURAL ENGAGEMENT CELL)
- 2) Promoting Social Entrepreneurship.
- 3) Share examples/Case studies in SESREC.
- 4) About National Level B. Plan Competition.

Convener: **Dr. Vijay D. Nanoty** (Principal)  
 Organizer: **Dr. Rashmi P. Joshi** (SESREC College Committee Nodal Off.)  
 Dr. Samadhan Munde    Mr. Shailesh Jaiswal  
 Miss Sonali Gawande  
SESREC Committee Members

**Shri R.L.T. College of Science, Akola**




NOT  
ME  
BUT  
YOU



College  
To  
Village

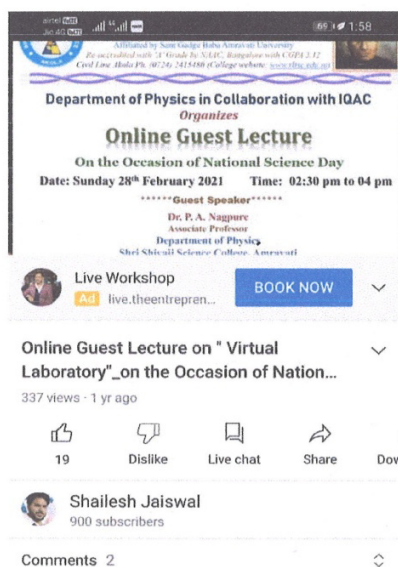
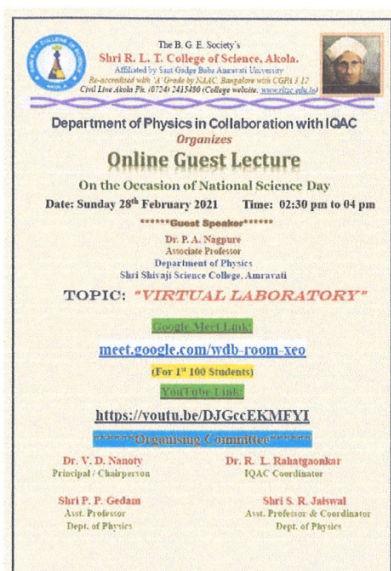
*Abhishek Ranjan*

*Rashmi P. Joshi*  
**Dr. R. L. Rautgongkar**  
 IQAC Co-ordinator

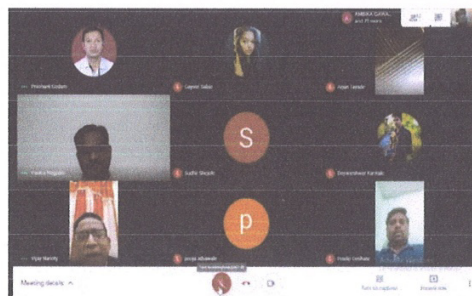
*Vijay D. Nanoty*  
 Principal  
 Shri R.L.T. College of Science

**Shri RLT College of Science, Akola  
Department of Physics**

**Online Guest Lecture on Virtual Laboratory**



Department of Physics in collaboration with IQAC, Shri R. L. T. College of Science, Akola, celebrated National Science Day and organised Online Guest Lecture on the topic of "Virtual Laboratory". Dr. P. A. Nagpure, Associate Professor, Dept. of Physics, Shri Shivaji Science College, Amravati was a Guest Speaker and Dr. V. D. Nanoty was a chairperson on the occasion of Online National Science Day Program.



**Total 500 participants** attended the online program through Google Meet and YouTube Live.

Please click the following links to know more details about it.

**Information Brochure:** <https://bit.ly/38ypwGW>

**YouTube (Live):** <https://youtu.be/DJGccEKMFYI>



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Webinar on Conservation of Water

### Report of Webinar on Conservation of Water

**Theme – Catch the Rain, where it falls, when it falls**

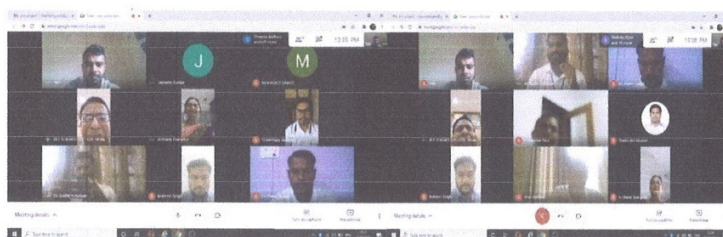
Date – 15/03/2021

Time – 12.00 to 2.00 pm

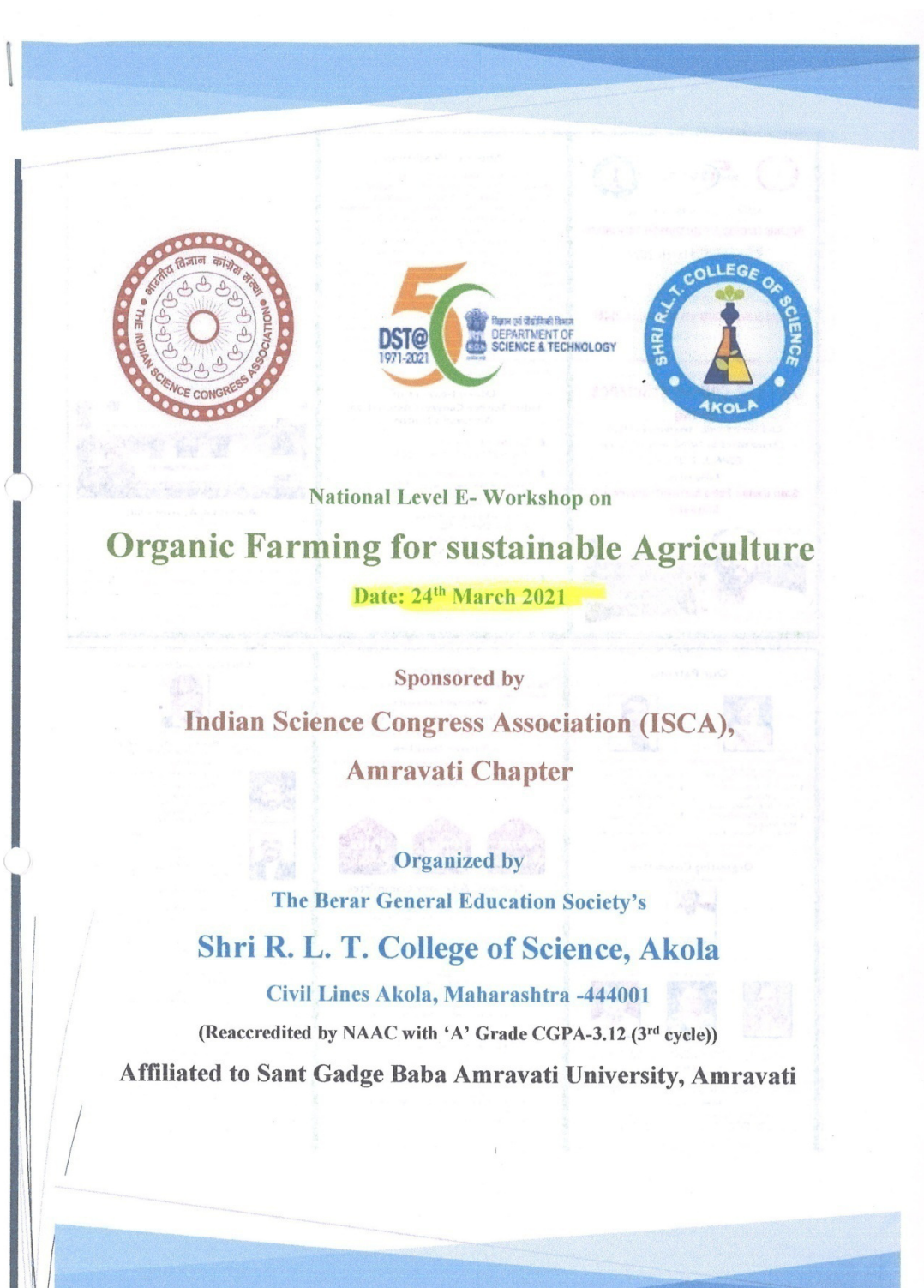
Number of Participants – 406

Mode - Online

Shri. Radhakisan Laxminarayan Toshniwal College of Science, Akola and Nehru Yuva Kendra (Ministry of Youth Affair and Sports), Akola has jointly organized the webinar on the topic 'Conservation of water' under the theme of 'Catch the Rain, where it falls, when it falls'. Webinar was successfully conducted on 15/03/2021 from 12.00 to 2.00 pm. Programme was inaugurated by the hands of the President of today's event Dr. V.D. Nanoty, Principal Shri. R.L.T. College of science, Akola. Convenors of the webinar was Mr. Mahesh Singh Shekhawat, District Youth Officer, Nehru Yuva Kendra, Akola. First key note speaker was Mr. Nikesh S Ingle (IIT Mumbai) delivered the talk on the topic 'Techno-social aspect of water conservation and watershed planning' and second key note speaker was Dr. Sudhir R. Kohchale (Assistant Professor, Zoology) delivered lecture on the topic 'Save water save Earth'. Conduction of the event has beautifully done by Mr. Shailendra V. Madavi (Assistant Professor) and Dr. Pravin R. Kawle (Assistant Professor). Event was organized by Organizing Secretary Mr. Shankesh C. Zyate (Assistant Professor). After the inauguration online Quiz Competition was carried out for the participants. Winners got Cash prize, certificate and memento. Ms. Sanskruti V Ganoje (Shri. R.L.T. College of science, Akola) got first prize. Ms. Arti G Kadu (Shri. R.L.T. College of science, Akola) got second prize, where as Ms. Anuradha A Mahajan (Shri. R.L.T. College of science, Akola) got third prize. Number of Participants for the webinar was 406. For successful organization of the event organising members Dr. Archana Sawalkar (Associate Professor), Dr. Sudhir Kohchale, Dr. Pravin Kawle, Mr. Shailendra Madavi and Mr. Shankesh Zyate has took efforts.



*Shankesh C. Zyate*



The banner features three logos at the top: the Indian Science Congress Association (ISCA) logo on the left, the DST@50 logo (Department of Science & Technology) in the center, and the Shri R. L. T. College of Science Akola logo on the right. The text is centered and reads: 'National Level E- Workshop on Organic Farming for sustainable Agriculture' in green, with the date 'Date: 24<sup>th</sup> March 2021' highlighted in yellow. Below this, it states 'Sponsored by Indian Science Congress Association (ISCA), Amravati Chapter' and 'Organized by The Berar General Education Society's Shri R. L. T. College of Science, Akola'. The college's address 'Civil Lines Akola, Maharashtra -444001' and accreditation '(Reaccredited by NAAC with 'A' Grade CGPA-3.12 (3<sup>rd</sup> cycle))' are listed, followed by 'Affiliated to Sant Gadge Baba Amravati University, Amravati'.

**National Level E- Workshop on**  
**Organic Farming for sustainable Agriculture**  
**Date: 24<sup>th</sup> March 2021**

**Sponsored by**  
**Indian Science Congress Association (ISCA),**  
**Amravati Chapter**

**Organized by**  
**The Berar General Education Society's**  
**Shri R. L. T. College of Science, Akola**  
**Civil Lines Akola, Maharashtra -444001**  
**(Reaccredited by NAAC with 'A' Grade CGPA-3.12 (3<sup>rd</sup> cycle))**  
**Affiliated to Sant Gadge Baba Amravati University, Amravati**

# CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



**National Level E- Workshop on  
Organic Farming for Sustainable Agriculture**

**Date : 24<sup>th</sup> March 2021**

Sponsored by  
**Indian Science Congress Association (ISCA)**  
Amravati Chapter

Organized by  
The Bharat General Education Society's  
**Shri R.L.T. College of Science,  
Akola**  
Civil Lines, Akola, Maharashtra -44001  
(Reaccredited by NAAC with 'A' Grade  
CGPA-3.12 (3<sup>rd</sup> cycle))  
Affiliated to  
**Sant Gadge Baba Amravati University,  
Amravati**



**Anand K. Bookhe**  
Chapter President

**About E- Workshop**

The green revolution greatly reduced world food shortages, but at high environmental cost. Agriculture affects both the ecosystem and human health through added nutrients and pesticides. Continuous addition of chemical fertilizers and pesticides, although greatly increasing the global food production, have degraded agricultural lands, lowered the quality and taste of agricultural products and have increased environment induced risks. Sustainable agriculture, is not just the management practices of crop and animal production that sustain long-term ecological productivity without degradation of their natural resource base and improvement of human health. Aim of this workshop is to increase consciousness about sustainable agriculture for safe and high-quality food. This will lead to a growing interest in alternative farm practices, including organic agriculture.

**Office bearers of  
Indian Science Congress Association,  
Amravati Chapter**

- **Dr. Anand K. Bookhe**  
Amravati Chapter Convener, ISCA
- **Dr. Omraj S. Deshmukh**  
Treasurer, Amravati Chapter, ISCA
- **Dr. V. R. Deshmukh**  
Executive Committee Member,  
Amravati Chapter, ISCA
- **Dr. Mahesh P. Chikhale**  
Executive Committee Member,  
Amravati Chapter, ISCA
- **Dr. Sawan M. Deshmukh**  
Executive Committee Member,  
Amravati Chapter, ISCA

**About Institute**

Shri R. L. T. College of Science, Akola affiliated to Sant Gadge Baba Amravati University, Amravati was established under The Bharat General Education Society, Akola on 1<sup>st</sup> April 1978. The college is accredited by NAAC with 'A' Grade, CGPA-3.12 (3<sup>rd</sup> cycle). The college offers B. Sc., B. Ed., Ph. D. and other related programmes like UCE, DCE and ADCE. It comprises 14 Departments in college i.e., Biotechnology, Microbiology, Physics, Zoology, Botany, Chemistry, Computer Science, Physical Education, Languages, Mathematics and Library. The college is one of the pioneer institutions offering distance education through distance education, offering quality education, recognition and honor at national and international level. We are proudly declaring that this online program is a stepping stone to a new field for not only advanced students of youngsters but also has provided them with great personal, non-worked stress relief. We serve the growing advanced academic institutions, qualitative techniques and creating value-based globally competitive professionals through well-structured efforts. It is our pleasure to provide the best opportunities towards the work of university level. We are happy regarding your well-attended level workshop, seminar and collaboration.



**About ISCA, Amravati**

The Indian Science Congress Association (ISCA), the premier organization of scientists of the country, has been working towards the advancement and promotion of the cause of science in India. The Amravati Chapter was launched in the year 2008-09. The chapter also undertakes a series of programmes of various occasions to motivate scientific talents and promote scientific education in students as well as people in general.

**Our Patrons**



**Dr. P.H. Vijay Lakshmi**  
General President,  
Indian Science Congress Association, Kolkata



**Anand K. Bookhe**  
President,  
The Bharat General Education Society, Akola



**Dr. V. S. Toshwal**  
S. Vice President,  
The B. G. E. Society, Akola



**Dr. B. C. Jain**  
I. Vice President,  
The B. G. E. Society, Akola



**Dr. P. S. Vishwanath**  
Hon. Secretary,  
The B. G. E. Society, Akola



**Dr. R. G. S. Sanyal**  
Joint Secretary,  
The B. G. E. Society, Akola

All are Executive Committee Members of the B. G. E. Society, Akola

**Organizing Committee**

**Chief Organizer**



**Dr. Vijay D. Pokhary**  
Principal, Shri R. L. T. College of Science, Akola



**Dr. Anand K. Bookhe**  
Convener, India Chapter,  
Organic Science Chapter



**Dr. Anand S. Deshpande**  
General Public, Young  
B.Sc., College of Science, Akola



**Dr. Sushil K. Anand**  
Section Officer,  
Department of Zoology



**Dr. Pooja K. Kulkarni**  
Assistant Professor,  
Department of Chemistry



**Dr. Anshuman C. Bhat**  
Assistant Professor,  
Department of Chemistry



**Dr. Madhukar V. Madh**  
Assistant Professor,  
Department of Botany

**Technical Support**



**Mr. Manoj S. Ghoshkar**  
Assistant Professor,  
Department of Computer Science



**Mr. Anand K. Bhat**  
Assistant Professor,  
Department of Physics

**Registration**

Please use following Google form link for free registration as participant

**Who can Participate**

**Teachers, Students, Farmers and all Earth lovers.**

Registration Link: <https://forms.gle/9p3DyD6AAK>

Telegram Group Link: <https://t.me/indiansciencecongressamravati>

Telegram Link: <https://t.me/indiansciencecongressamravati>

**Attraction for Student Participants**

Online quiz on Organic Farming

**1<sup>st</sup> Prize**  
₹1000/-

**2<sup>nd</sup> Prize**  
₹700/-

**3<sup>rd</sup> Prize**  
₹500/-

**National Advisory Committee**



**Dr. Anand K. Bookhe**  
Former, General President,  
Indian Science Congress Association, Kolkata



**Prof. R. S. Ranganath**  
Immediate Past General President,  
Indian Science Congress Association, Kolkata



**Prof. Anand Kumar Saxena**  
President Elect,  
Indian Science Congress Association, Kolkata



**Dr. S. Ramakrishna**  
General Secretary (Emeritus) India  
Indian Science Congress Association, Kolkata



**Dr. Anand K. Jain**  
General Secretary (Emeritus) Association,  
Indian Science Congress Association, Kolkata



**Dr. Shao Satya Prakash**  
President,  
Indian Science Congress Association, Kolkata

**Contact Details**

Email : [organicfarming2021@gmail.com](mailto:organicfarming2021@gmail.com)  
Contact :  
Dr. Anand S. Deshpande, Mob. : 9820141188  
Dr. Sushil K. Anand, Mob. : 9262102552

**Chief Guest and Inaugurator**



**Dr. R. A. Goffhne**  
Chairman, Board of Studies in Zoology  
S.G.B. Amravati University, Amravati

**Speakers**



**Dr. Mohan B. Wadkar**  
Associate Professor and Head,  
Post Graduate Department of Botany,  
M.S. College, Baramhata,  
Ganeshwara University, Gandhinagar



**Dr. Jagan R. Kulkarni**  
Assistant Professor,  
NICRI on Line, College of Agriculture, Nagpur,  
Dr. PDMV, Akola

**Workshop Schedule**

**Inauguration:**

11:00 am Join Zoom Meeting, Youtube link

11:15 am Welcome speech by Principal, Dr. V. D. More, etc.

11:30 am Address by Dr. Anand K. Bookhe, Convener, ISCA, Amravati Chapter

11:45 am Inaugural Speech by Dr. R. A. Goffhne, Chairman Board of Studies in Zoology, S.G.B. Amravati University, Amravati

11:50 am Speech by Praveen Maheshkar, Hon. Secretary, The B.G.E. Society, Akola

12:00 noon Presidential speech by Anand K. Bookhe, President, The B.G.E. Society, Akola

12:10 pm Vote of thanks by Dr. Anand S. Deshpande

**Guidance and Discussion Session**

12:15 pm Inaugural Talk by Dr. Mohan B. Wadkar, Topic: Organic Farming-A Sustainable Way

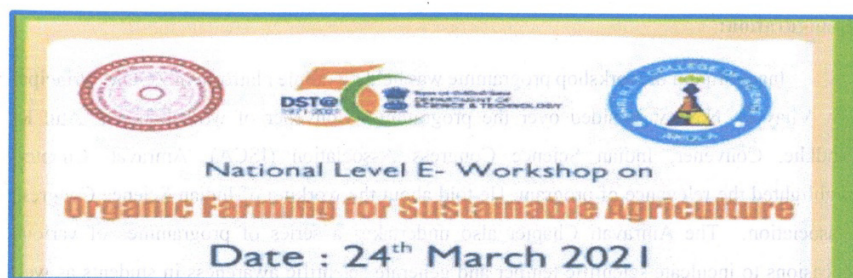
01:00 pm Inaugural Talk by Dr. Jagan R. Kulkarni, Topic: Organic Farming Management

02:15 pm Online Quiz for Students

04:00 pm Feedback filling by Participants to get Experience of Participants

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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National level online Workshop on Organic Farming for sustainable Agriculture was organized at Shri Radhakisan Lakshminarayan Toshniwal College of Science Akola.

The workshop was sponsored by Indian Science Congress Association, Amravati Chapter.

### **Introduction:**

The green revolution greatly reduced world food shortages but at high environmental cost. Agriculture affects both the ecosystem and human health through added nutrients and pesticides. Continuous addition of chemical fertilizers and pesticides, although greatly increasing the global food production, have degraded agricultural lands, lowered the quality and taste of agricultural product and have increased environment induced risks. Sustainable agriculture is nothing but management practices of crop and animal production that secure long-term ecological productivity without degradation of their natural resource base and impoverishment of human health. Aim of this workshop is to Increase consciousness about sustainable agriculture for safe and high-quality food. This will led to a growing interest in alternative farm practices, including organic agriculture.

### **Objectives:**

- To create awareness among the students, teachers and farmers regarding organic farming.
- To develop efficient crop and soil management options for organic farming.
- To develop need-based cost-effective new techniques for farm-waste recycling.
- To study productivity, profitability, sustainability, quality and input-use-efficiencies of different crops and cropping systems under organic farming in different agro-ecological regions.

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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#### **Inauguration:**

Inauguration of workshop programme was held on online platform of ZOOM. Principal Dr. Vijay D. Nanoty presided over the programme. Convener of workshop, Dr. Atul K. Bodkhe, Convener, Indian Science Congress Association (ISCA), Amravati Chapter, highlighted the relevance of program. He told about the working of Indian Science Congress Association. The Amravati Chapter also undertakes a series of programmes of various occasions to inculcate scientific temper and generate scientific awareness in students as well as people in general.

Chief Guest and Inaugurator, Dr. Rajiv A. Gulhane, Chairman, Board of Studies in Zoology, Sant Gadge Baba, Amravati University, Amravati, inaugurated the workshop. In his inaugural address he stated that Organic farming aims to produce different crops having high nutritive value. Organic farming is a viable alternative to the adverse effects of overuse of chemical fertilizers on human health. On this occasion, the congratulatory messages of Advocate Motisinghji Mohta, The Hon'ble President of The Berar General Education Society, Akola and Mr. Pawanji Maheshwari, Hon. Secretary, the B. G. E. Society, Akola were broadcast.

Principal Dr. Vijay D. Nanoty, The Chief organizer of the workshop and the chairman of the inauguration ceremony, said that the farmers need to adopt organic farming method keeping in view their own as well as national interest.

This programme was conducted by Joint Organizing Secretary, Dr. Sudhir Kohchale and Organizing Secretary, Dr. Archana Sawarkar proposed vote of thanks.

#### **Technical Session:**

In the guidance sessions, Dr. Mohan B. Wadekar, Associate Professor and Head Post Graduate Department of Botany, N. H. College Bramhapuri, Gondwana University, Gadchiroli, gave a power point presentation on the topic 'Organic Farming - Sustainable Way'. He gave detailed information about what is organic farming, various methods of organic farming as well as misconceptions about organic farming. He explained that organic farming is the system that favours maximum use of organic material. It is one of the several ways to sustainable agriculture. The other speakers in the guidance session was Dr. Jeevan Katore, Assistant Professor, College of Agriculture, Nagpur, Dr. Punjabrao Deshmukh Krishi Vidyapeeth, Akola. He gave very informative information on the subject of organic farming management

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

and Explained the methods of intercropping, Crop rotation, ploughing, mulching, Integration of livestock etc. Both resource persons interacted with the trainees.

#### Online quiz:

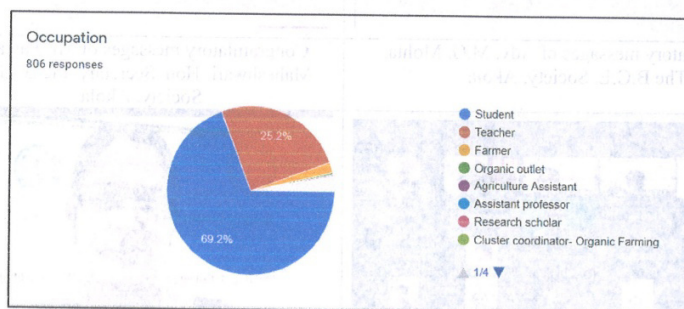
Attraction for Student Participants was an 'Online quiz on Organic Farming'.

Technical Session was followed by an online quiz for the students. Mr. Chetan Surve of Khadki Science College, Mr. Irfan Ahmed Pare of Shivaji Science College, Amravati and Miss. Arpita Jadhav of Shri R.L.T. Science College, Akola bagged the first, second and third prize respectively. Winners were honoured with Certificate of Merit and Cash prizes of Rs 1000/-, Rs. 700/- and Rs. 500/- respectively. Technical Session and online quiz was conducted by Mr. Shankesh C. Zyate, and Mr. Shailendra V. Madavi.

For the success of the program, Convener, Dr. Atul K. Bodkhe, Convener, Indian Science Congress Amravati Chapter; Organizing Secretary, Dr. Archana S. Sawarkar, Associate Professor in Zoology; Joint Organizing Secretary, Dr. Sudhir Kohchale, Assistant Professor in Zoology; Committee Members Dr. Pravin R. Kawle, Assistant Professor in Chemistry; Mr. Shankesh C. Zyate, Assistant Professor in Chemistry; Mr. Shailendra V. Madavi, Assistant Professor in Botany; Mr. Ram B. Ghayalkar, Assistant Professor in Computer Science; Mr. Shailesh R. Jaiswal, Assistant Professor in Physics, all the teachers and non-teaching staff worked tirelessly.

#### Evidence of Success:

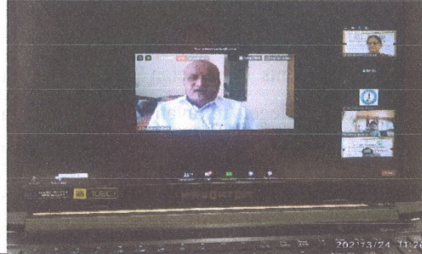

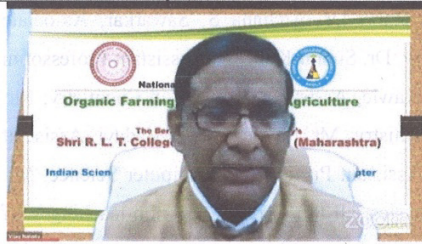
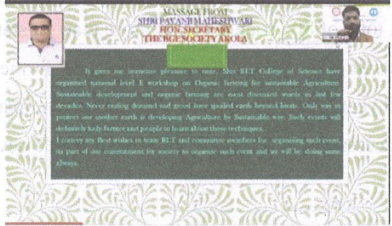
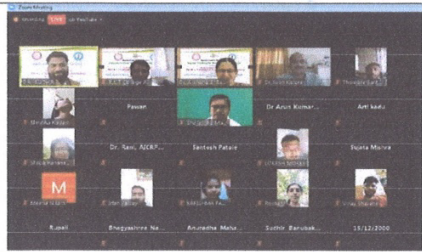

A total of **806 trainees** from more than **15** states across India were participated in this organic farming workshop. Students, teachers, farmers and all earth lovers in the age range of 18 to 65 years were participated actively. Participants came to know that sustainable agriculture is necessary to attain the goal of sustainable development.



YouTube link: <https://www.youtube.com/watch?v=PHY3er6S3P4>

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Photo Gallery

Inaugural Program	
	
<p>Inaugural Speech by Dr. Rajiv A. Gulhane, Chairman, Board of Studies in Zoology, S.G.B. Amravati University, Amravati</p>	<p>Welcome speech by Convener, Dr. Atul K. Bodkhe, Convener, Indian Science Congress Association, Amravati Chapter</p>
	
<p>Presidential address by Principal Dr. Vijay D. Nanoty</p>	<p>Conduction of Program by Dr. Sudhir R. Kohchale</p>
	
<p>Congratulatory messages of Adv. M.G. Mohta, President, The B.G.E. Society, Akola</p>	<p>Congratulatory messages of Mr. Pawanji Maheshwari, Hon. Secretary, the B. G. E. Society, Akola</p>
	
<p>Participants In workshop</p>	<p>Vote of Thanks by Dr. Archana S. Sawarkar</p>

**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**

Technical Session	
	
Guidance by Dr. Mohan B. Wadekar, Associate Professor and Head Post Graduate Department of Botany, N. H. College Bramhapuri, Gondwana University, Gadchiroli,	
	
Guidance by Dr. Jeevan Katore, Assistant Professor, College of Agriculture, Nagpur, Dr. Punjabrao Deshmukh Krishi Vidyapeeth, Akola.	
	
Anchoring by Mr. Shailendra V. Madavi, Assistant Professor in Botany	Anchoring by Mr. Shankesh C. Zyate, Assistant Professor in Chemistry
	
Certificate of Participation	News of Workshop

*Shailendra V. Madavi*

*Shankesh C. Zyate*

*Principal*



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Shri R.L.T. College of Science, Akola  
Department of Botany  
2020-21  
Report on  
**State level E-Workshop on Eco-friendly Holi**

On theme

प्रकृति के रंग प्रकृति के संग

Organised by

Department of Botany  
Environment Cell & IQAC

in Collaboration with Gramayan Pratishthan  
(NGO), Nagpur

27<sup>th</sup> March 2021 at 4.00pm

The Berar General Education Society's  
Shri R.L.T College of Science, Akola  
Civil Lines, Akola, Maharashtra -446001  
(Reaccredited by NAAC with 'W' Grade CGPA-3.12)

**STATE LEVEL E-WORKSHOP ON  
ECO-FRIENDLY HOLI**

Organised by  
Department of Botany  
Environment Cell & IQAC  
In Collaboration with Gramayan Pratishthan  
(NGO), Nagpur

27<sup>th</sup> March 2021 at 4.00pm

Registration link: <https://forms.gle/V9WCG8oxPZZBnGS78>

**Our Patrons**  
Adv. M. G. Mohta  
President  
The Berar General Education Society, Akola

Shri. V. S. Toshniwal  
Sr. Vice President  
The B.G.E. Society, Akola

Dr. R. C. Jain  
Jr. Vice President  
The B.G.E. Society, Akola

Shri. P. N. Maheshwari  
Hon. Secretary  
The B.G.E. Society, Akola

Er. A. G. Paranjape  
Joint Secretary  
The B.G.E. Society, Akola

All Executive Committee Members of the B. G. E. Society, Akola

**Organizing Committee**  
Chief Organizer  
Dr. Vijay D. Nanoty  
Principal,  
Shri R. L. T. College of Sciences, Akola

IQAC Coordinator  
Dr. R. L. Rahatgaonkar

Convener  
Dr. A. A. Sangole  
Assistant Professor  
Department of Botany

Organizing Secretary  
Mrs. V. N. Badgujar  
Head  
Department of Botany

Members  
Dr. P. M. Khadse  
Assistant Professor  
Department of Botany

Mr. S. Y. Madavi  
Assistant Professor  
Department of Botany

All members of Environment Cell

Technical Support  
Dr. R. B. Chayalkar  
Assistant Professor  
Department of Computer Science

Dr. S. R. Jaiswal  
Assistant Professor  
Department of Physics

### Introduction:

**Inauguration:** Inauguration of this workshop was held on ZOOM platform. Inaugurator and Chief organizer of this workshop was by Dr. V.D. Nanoty sir, Principle of Shri RLT College of Science, Akola. On this workshop, the congratulatory messages of Advocate Motisingh Mohta, the Hon'ble President of the Berar General Education Society, Akola, Mr. Shri. P. N. Maheshwari Hon. Secretary The B.G.E. Society, Akola and All Executive Committee Members of the B. G. E. Society, Akola were broadcast Convener of workshop Dr. A.A.Sangole, IQAC coordinator Dr. R.L. Rahatgaonkar

**Chief Guest,** Mr. Anilji Sambre President Gramayan Pratishthan (NGO), Nagpur

**Speaker,** Mrs. Pragati Madhai, The brilliant shades of Holi colours were made from nature. Most of these trees also had medicinal properties and Holi colours prepared from them were

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

The organizing secretary , Mrs. V.N. Badgajar ,Members Dr P.M. Khadase and Mr. S.V. Madavi

Total 388 participants are participated in this Workshop. After workshop E-certificate will given to the participants.

**Youtube link:** [https://www.youtube.com/watch?v=XOqLPtYO\\_D4&authuser=0](https://www.youtube.com/watch?v=XOqLPtYO_D4&authuser=0)

**Aim an Objective :** The natural colours are obtained from skin friendly sources. By using these safe, natural colours we can help to save our environment and conserve our bio-diversity.

**Conclusion:** Holi colors prepared from nature, them were actually beneficial to the skin. Natural colours give positive effect on human body.



*Handwritten signature in blue ink.*

*Handwritten signature in blue ink: Badgajar Mrs. V.N. Badgajar*

*Handwritten signature in blue ink: Principal Shri R.L.T.College of Science Civil Lines, Akola (M.S.)*

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Online Workshop on Chemistry Practical

**BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. ....)**


TOPIC/ SUBJECT OF THE ACTIVITY	Online Workshop on Chemistry Practical
OBJECTIVES	<ol style="list-style-type: none"><li>1. To develop creative ideas among the students.</li><li>2. To make students to develop innovative ideas.</li><li>3. To develop thinking how science works.</li><li>4. To give platform to the students to published their innovative concepts.</li><li>5. To develop interest for research among the students.</li><li>6. To provide small scale industry business by this activity.</li><li>7. To motivate the student to apply for the patent.</li></ol>
METHODOLOGY	<p>Crystal Club of Department of Chemistry is always ahead for the various research related activities. Many research activities like poster competition, paper representations, seminar, and skill development workshop were continuously organized by crystal club.</p> <p>Development of creativity, to motivate creative thinking among the students is a demand for taking a step towards Aatmnirbhar Bharat Abhiyan. Many students have various concept regarding different fields, In view to bring out their creative ideas on the paper which may give rise to small scale industry or business we have started this innovative project of Creativity and Innovation magazine.</p> <p>The aim of the magazine is to provide the platform for the students to publish their creative and innovative ideas present in their mind.</p> <p>As we believe that the creativity and Innovation has no limitations of any subjects and any languages, creative ideas in all discipline are highly appreciated and welcome for the publication in this magazine.</p> <p>We are sure that our magazine will provide creative ideas and Innovations of new generations that will continue to help everyone interested in research field. We again hope that the magazine gives rise Novel research and many patents come forward through this platform.</p> <p>With this aim we have published our Second issue of our magazine on 21<sup>st</sup> April we received total 20 Innovative ideas from our M.Sc. Chemistry students. I highly appreciate the responses given by our students in such a short duration of time. Myself <b>Dr. Poonam T.</b></p>

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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	<p><b>Agrawal</b>, Asst. Professor &amp; Head Department of Chemistry and Coordinator and Editor of this magazine. I was very much thankful to <b>Dr. V.D.Nanoty sir</b>, Principal of our college for his cooperation and motivation. I am also thankful to <b>Dr. Aashish Sarap</b>, Asst. Professor, and Department of Chemistry organizer of this event who had taken keen efforts for the publication of this magazine. I appreciate the support and cooperation of <b>Dr. Kavita Heda</b> and all staff members of Shri R.L.T.College of science, Akola for their cooperation.</p>
OUTCOMES	<ol style="list-style-type: none"><li>1. Total 20 innovative ideas are published in this magazine.</li><li>2. Students get motivated for creative thinking.</li><li>3. It is an innovative concept to develop Research culture among the students.</li><li>4. Students get knowledge of science behind many concepts.</li><li>5. By this magazine students and teachers get motivated for applying patent.</li><li>6. Two patents have been filled by the student and teacher.</li></ol>

Scan the QR Code to see the magazine

  
Coordinator  
**Dr. Poonam T. Agrawal**  
Assistant Professor & Head,  
Department of Chemistry,  
Shri R.L.T. College of Science, Akola

**Online Certificate Course in Renewable Sources of Energy****Activity Report**

*"Online Certificate Course in Renewable Sources of Energy"*

*From 24<sup>th</sup> June to 29<sup>th</sup> June 2021.*

Department of Physics, under Internal Quality Assurance Cell, Shri R. L. T. College of Science, Akola was conducted "Online Certificate Course in Renewable Sources of Energy" from 24<sup>th</sup> June to 29<sup>th</sup> June 2021. Nearly 204 students in the college were participated for this course. The six day course included online YouTube lectures recorded by faculties (Dr. P. T. Agrawal, Dr. A. A. Sangole, Dr. A. G. Sarap, Dr. R. P. Joshi, Shri S. Toshniwal) and quizzes on various topics of renewable energy like Biomass, Solar energy, geothermal energy etc. The course was conducted using Google Forms and what's app Groups as a platform. At end of the course, final exam quiz was conducted and the online certificate was distributed to the participants who were successfully completion of the course. The main objectives of taking this course were to develop interest in the field of renewable energy and to create awareness among people that renewable energy sources is the demand and need of future. Dr. R. M. Agrawal and Shri P. P. Gedam, Asst. Professor, Dept. of Physics, were worked as a Convener and Co-convener respectively. Shri S. R. Jaiswal, Asst. Professor, Dept. of Physics was worked as an Organising Secretary and successfully conducted the course under the valuable guidance of Dr. P. T. Agrawal Madam, Head and Associate Professor, Dept. Chemistry and Dr. V. D. Nanoty, Principal, Shri R. L. T. College of Science, Akola.

**Day wise Students Participation Report:**

*(Note: Links of all day wise google forms are given in invitation broacher)*

Days	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6	Quiz/ Feedback
Number of Students	200	225	226	197	189	215	182

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

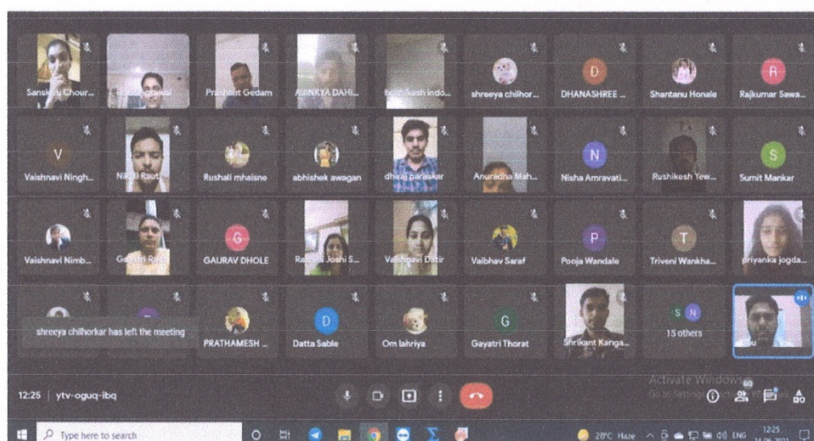
### Certificate Copy



[Click here](#) to download the PDF copy for more details.

Online Certificate Course in Renewable Sources of Energy" from 24th to 29th June 2021 Inauguration Function

link: <https://youtu.be/19J1q3DIgcs>



For more details and All Six days Activities, [click this link](#) to download PDF file.

*Kalant*

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

**Shri R.L.T. College of Science, Akola**  
**DEPARTMENT OF ZOOLOGY & IQAC**

organizes

**6 Days E-certificate Course in Apiculture**  
**(27<sup>th</sup> June to 2<sup>nd</sup> July 2021)**

**Report**

(Issue Address: Skill Development, Entrepreneurship development and Environment Conservation Awareness)

**REPORT:**

Department of Zoology of Shri R.L.T. College of Science, Akola with IQAC organized Virtually 6 Days E-Certificate Course in Apiculture. The course was inaugurated on 27/6/21 at 12 noon. Dr. S.M. Nagrale convener of the course, Dr. Rashmi Joshi organizing secretary, Dr. A.S. Sawarkar, Dr. Sudhir Kohchale Members of organizing committee from Department of Zoology while Respected Principal Dr. V. D. Nanoty Presided the Inaugural Function in presence of IQAC Coordinator Dr. R. L. Rahatgaonkar. All the resource persons Dr. Amrita Shirbhate, Asst Prof & Head Dept of Zoology, Mahatma Phule Science College, Patur, Dr Seema Keswani, Asst Prof & Head Dept of Zoology, MSP Arts & Science College, Manora, Dr Abhimanyu Maheshwari, Asst Prof, Dept of Botany, Bajaj College, Wardha and Miss Prajakta Bathe, Asst Prof, Dept of Zoology, B.S. Patel College, Pimplegaon Kale, Jalgaon Jamod were invited in the inaugural function. The everyday course schedule was a recorded lecture of resource person, Video tutorials, MCQ Test and the Study material link to download. Daily about average 157 participants attended the course, out of which 152 appeared for Final Quiz and about 128 passed and received their certificates.


Sr.no.	Day/Date of Course	Responses/No. of Participants attended
1	Day 1 (27/6/21)	141
2	Day 2 (28/6/21)	162
3	Day 3 (29/6/21)	150
4	Day 4 (30/6/21)	140
5	Day 5 (01/7/21)	185
6	Day 6 (02/7/21)	164
7	Final Quiz (02/7/21)	152
8	Feedback & Certificate to Qualified candidates (02/07/21)	128

**OBJECTIVES:**


- 1) To inculcate importance of Bee keeping and honey processing in relation with entrepreneurship development.
- 2) To give students knowledge about various techniques of Bee keeping and honey processing and its marketing to make them self-sustainable after graduation.
- 3) To teach techniques of construction of Bee Hives and its maintenance.
- 4) To teach students about Honey production and health related problems with Honey bees.



Dr. R. L. Rahatgaonkar  
IQAC Co-ordinator



Principal  
Shri R.L.T. College of Science  
Civil Lines, Akola (M.S.)

   
Zoology Education By Research Activity

The Berar General Education Society's  
**Shri R.L.T. College of Science, Akola**  
Reaccredited "A" Grade by NAAC, Bangalore with CGPA 3.12  
Department of Zoology with IQAC

Organizes  
**E-Certificate Course in Apiculture**  
From  
**27<sup>th</sup> June to 2<sup>nd</sup> July 2021**

**Our Patrons**                      **Organizing Committee Members and Speakers**  
**The B.G.E. Society, Akola**

<u>Our Patrons</u> The B.G.E. Society's Akola	
Adv. M. G. Mohta President	Shri V. S. Toshniwal Sr. Vice President
Dr. R. C. Jain Jr. Vice President	Shri P. N. Maheshwari Hon. Secretary
Er. A. G. Paranjape Jt. Secretary	
& All Other Executive Members	

Dr. V. D. Nanoty Principal	Dr. Amruta Shirbhate Asst. Prof. (Zoology) Mahatma Phule Arts & Science College, Patur
Dr. R. Rahatgaonkar IQAC Coordinator	Dr. Seema Keswani Asst. Prof. (Zoology) M.S.P. Arts, Science and K.P.T Commerce College, Manora
Dr. S.M. Nagrale Convener	Dr. Abhinav Maheshwari Asst. Prof. (Botany) Bajaj College of Science, Wardha
Dr. Rashmi P. Joshi Organising Secretary	Dr. Prajakta Bathe Asst. Prof. (Zoology) B.S. Patel College, Pimpigaon Kale, Jalgaon Jamod.
Dr. A.S. Sawarkar Dr. S. R. Kohchale Members	

**Inauguration Program Links**  
**Google meet link (27/06/2021 at 12 noon)**  
**(For First 100 Students)**  
**<https://meet.google.com/hsp-myfb-xey>**

*Or open Meet and enter this code: hsp-myfb-xey*



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### ACTIVITY SCHEDULE

Day	Contents of the Course	Links of Recourses <small>(All the links will be active at the time given in the schedule)</small>	Time
Day 1 27/06/2021 Sunday	<ul style="list-style-type: none"> <li>• Introduction to Apiculture – importance &amp; History.</li> <li>• Why Bees Matter?</li> </ul>	<a href="https://forms.gle/gVwnvJH4zjkKmsed8">https://forms.gle/gVwnvJH4zjkKmsed8</a>	12 noon To 05 pm
Day 2 28/06/2021 Monday	<ul style="list-style-type: none"> <li>• Different Species of Honey Bees.</li> <li>• Colony Organization and Life Cycle of Honey bees</li> </ul>	<a href="https://forms.gle/UNb5WTinxL8gVxUeA">https://forms.gle/UNb5WTinxL8gVxUeA</a>	12 noon To 05 pm
Day 3 29/06/2021 Tuesday	<ul style="list-style-type: none"> <li>• Queen Rearing</li> <li>• Bee keeping: Tools and Equipment.</li> </ul>	<a href="https://forms.gle/yrh2cA42uDoaVmGt6">https://forms.gle/yrh2cA42uDoaVmGt6</a>	12 noon To 05 pm
Day 4 30/06/2021 Wednesday	<ul style="list-style-type: none"> <li>• Bees Conservation and Pollination.</li> <li>• What is Migratory Beekeeping?</li> </ul>	<a href="https://forms.gle/eFkZg87YdTW9s24G9">https://forms.gle/eFkZg87YdTW9s24G9</a>	12 noon To 05 pm
Day 5 01/07/2021 Thursday	<ul style="list-style-type: none"> <li>• Marketing and Maintenance of Bees and Bee Products</li> </ul>	<a href="https://forms.gle/LGXVQybePhe2cws5A">https://forms.gle/LGXVQybePhe2cws5A</a>	12 noon To 05 pm
Day 6 02/07/2021 Friday	<ul style="list-style-type: none"> <li>• Economics of Bee Keeping</li> </ul>	<a href="https://forms.gle/jaMi4WFjEnPhnJJq9">https://forms.gle/jaMi4WFjEnPhnJJq9</a>	12 noon To 03 pm
	<ul style="list-style-type: none"> <li>• Final Grading Quiz</li> </ul>	<a href="https://forms.gle/GWwskS7dDaHzgyru7">https://forms.gle/GWwskS7dDaHzgyru7</a>	3 pm To 5 pm
	<ul style="list-style-type: none"> <li>• Feedback Form</li> </ul>	<a href="https://forms.gle/ruLdcFriNecqdGaSm9">https://forms.gle/ruLdcFriNecqdGaSm9</a>	5 pm Onwards

**Please Note:**

- **The links of the resources will be active at the given time in this schedule.**
- **Students should note that the video tutorials (Recorded) will be shown via Google forms. You can download reading materials (PDF) after watching the videos via link during the schedule time.**
- **It is a digital resource; you may access it multiple times till your satisfaction and understanding.**
- **Online Grading Quiz will be conducted on last day of the course.**
- **Certificate of Participation will be given to qualified students (min 50%) in online exam and daily response.**
- **Student will receive their course certificate after submission of the feedback form. Links for the feedback form will be open on last day at 5:00 pm.**

**OBJECTIVES OF THE COURSE:**

- 1) **To inculcate importance of Bee keeping and honey processing in relation with entrepreneurship development.**
- 2) **To give students knowledge about various techniques of Bee keeping and honey processing and its marketing to make them self-sustainable after graduation.**
- 3) **To teach techniques of construction of Bee Hives and its maintenance.**
- 4) **To teach students about Honey production and health related problems with Honey bees.**



**BEEES  
MATTER ...**

**Shri R. L. T. College of Science Akola (MS)**



**Virtual Guest Lecture  
On  
Career Perspectives in Programming with Data  
Structures and Algorithms**

Department of Computer Science and IT of Shri R.L. T. College of Science Akola MS has organized Virtual online Guest Lecture for B.Sc. (Computer Science & I. T.) students on "Career Perspectives in Programming with Data Structures and Algorithms" on dated 30-06-2021 (Wednesday) at 11:00 am.

Virtual Guest Lecture delivered by Resource person Mr. Kapil Tajane, Assistant Professor Department of Computer Engineering from Pimpri Chinchwad College of Engineering, Pune.

Resource person of the Virtual Guest Lecture has shared advancement in the field of Computer Science, data structure and algorithm also given some online tool for graphical representation of data structure also demonstrate practically, more than 150 students from B.Sc. I,II,III were benefited on zoom and youtube online platform from this informative and practical session of Online Virtual Guest Lecture.

The Principal Dr. V. D. Nanoty chairperson of the program has inaugurated and addressed students, Mr. Ram B. Ghayalkar Asst. Professor Department of Computer Science has given welcome speech and also conducted the program, Vote of Thanks given by Ms. R. A. Chandak. Program conducted online on Zoom online meeting (Meeting ID: 810 5084 9840 Passcode: rlt123) and youtube Live Platform.

**Recorded YouTube Link:**

<https://www.youtube.com/watch?v=bM-etpMuywo>

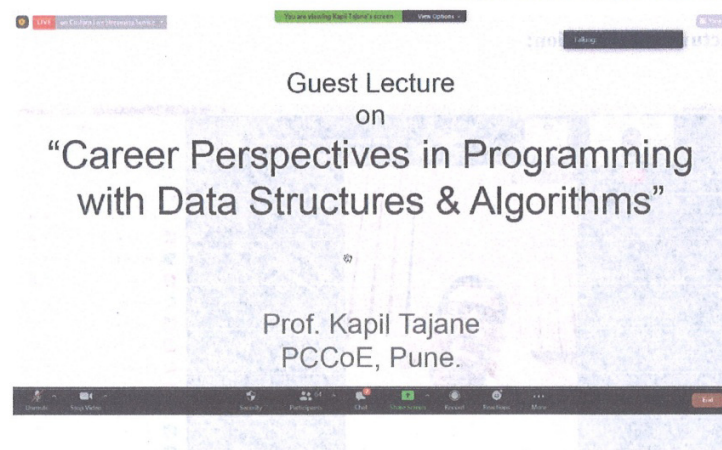
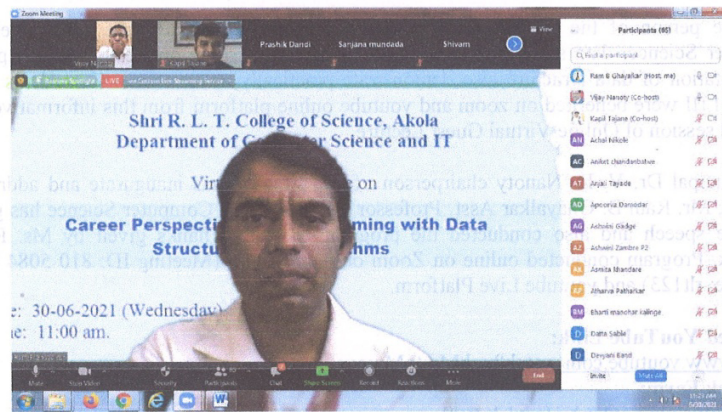
**Feedback Form:**

<https://forms.gle/S46U6X3JccxLXgvJ9>

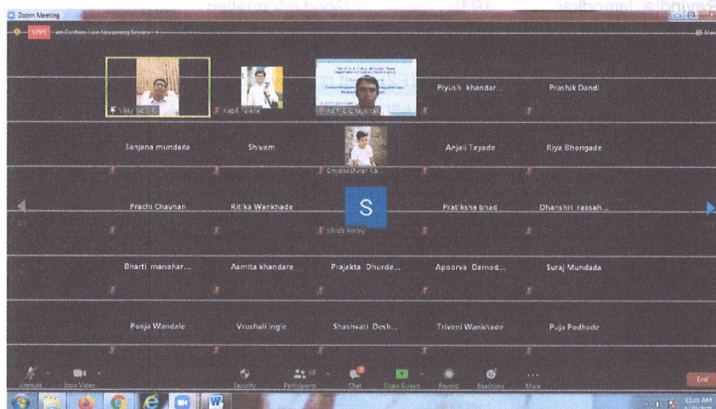
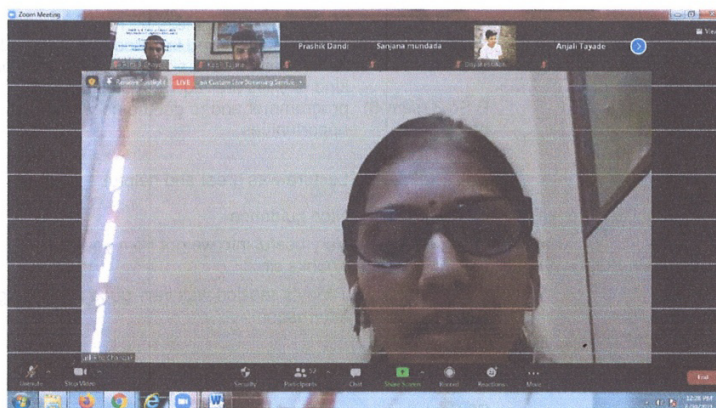
**Some Pictures while session:**



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



### Feedback from students


Gayatri sarangdhar ingle	BSC I (P3)	It's good I enjoy the lecture
Vaishnavi Devendra Metange	B. SC. 3rd P6	Good
Mayuri Gopal kangate	Bsc 3rd & P6	Very useful
Vaishnavi Arun Deshmukh	Bsc part 1, batch p2	Great and knowledgeable session
Mayuri Gopal kangate	Bsc 3rd & P6	Very useful
Sanjana murlidhar mundada	P2	From this lecture it is easy to understand the concept of data structure and how to use data structure in different way
Suraj Muralidharji Mundada	Bsc-III SEM-VI P2	Wonderful explanation
Sumit digambar mankar	1st year p5	Every one
Mayuree Vijay Shegokar	BSc. III (P6)	It was really very helpful for us and excellent


### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

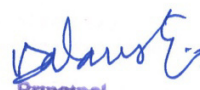
Triveni Prabhakar Wankhade	B.Sc-3 (sem-6) batch - P2	The lecture was amazing . I really learn something new and knowledgeable from the lecture. And I have also get idea about what kind of skills are required to be a good programmer and to get the good job opportunities.
Vaishnavi shyam chavan	B.Sc. 2nd year Batch P2	Lecture was great and helpful.
Dnyaneshwar Manikrao Kankale	1st yr P3	Nice guidance
Vaishnavi Ashutosh Kulat	Bsc 3rd (p3)	Very useful info we got from your lecture. Thanks sir
Rutuja Ravindra Jamodkar	Bsc. 2nd year (P5)	Today's session was very good and I got good information
Anjali Tejrao Tayade	Bsc-2nd yr (p3)	Excellent
Vaibhav Dipak Wadekar	P3 Sem-6	Lot of Information
Shreyas Ravindra Jamodkar	Bsc. 1st year (P3)	Good information
Bhumika Santosh Thakare	Bsc p2	This is good and import lectures
Renuka Prakash Deshmukh	B.sc.3rd (P2)	It is knowledgeable
Ku. Vrushali Surendra Ingle	Bsc 3rd year (P2)	It is helpful for learn about coding
Shubham Ghasiram Sen	Bsc.3rd (P3)	
Samiksha Rajan Sharma	B.sc 2nd year (sem 4) / P6 Batch	Thankyou for this lecture... It's so Helpful.
Pranay Yogesh Kamble	B. Sc. II (sem 4) P2	Better
Dhanshri raosaheb vidhate	Bsc-I ,Batch:p2	Nice information
Kajal madhukar kale	Bsc2 year p2	
Sakshi Ananta tale	Bsc 2 Nd year P2 Batch	Good
Pooja Shailesh Wandale	Bsc II (Sem IV)(p2)	This lecture is really very useful.
Puja Gajanan Podhade	Bsc 2	Helpful
Pranaligawai29072002@gmail.com	B.Sc. 1 year (second semester)p6	It was valuable.
Dhanashree Paddakhe	BSC -3 (P3)	The session was amazing and knowledgeable. I've got to know a few new things about data structure and coding platforms. Thank you for arranging this guest lecture it was great.
Prashik Himmat Dandi	Bsc III -P6	It was useful
ASHWINI GAJANAN ZAMBRE	Bsc.1 (P2)	Wonderful Information
Prajakta Parate	B.sc P3	Good
RAM B G	BSC	GOOD
Apoorva Harshadkumar Damodar	BSC II sem IV	
Rushali Gopal Mhaisne	Bsc-3rd yr (p3).	good at explaining ideas.
Kshiteeja Santosh Nakat	Bsc II(sem	It is so useful to us as we study data structure

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

	III),P2	as well as c languages but it is useful as where to use it. Another view or some extra points of the studied concept was also understand.
vaishnavipatil997780@gmail.com	Bsc 3rd(p3)	Good lecture ☐
Atharva Sanjay Patharkar	B.sc II Sem 4 P2	Excellent
Ashwini Santosh Gadge	Bsc 3 sem 5 (P3)	Good

  
Assistant Professor  
Dept of Computer Science / I.T.  
Shri R.L.T. College of Science,  
Akola

  
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.)

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Online One Month Add-On Course on Digital skills for Creative Students-Teachers (DISC)

SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA			
REPORT FOR IQAC 2021-22			
(On the Occasion of Golden Jubilee Year of Shri R. L. T. College of Science, Akola)			
IQAC ACTIVITY No.:12			
Name of the Activity	<b>Online One-Month Add-On Course on 'Digital Skills for Creative Student-Teachers(DISC)</b>		
Date	Faculty	Department/ Committee	Coordinator / Organizing Secretary Name
10/07/2021 To 08/08/2021	Dr. Poonam T. Agrawal-Organizing Secretary  Mr. Shailesh Jaiswal- Resource Person  Dr. A.G. Sarap- Member  Dr. H.S. Malpani- Resource Person	Shri R.L.T.College of Science, Akola	Dr. Poonam T. Agrawal: Organizing Secretary
Time	Venue	Number of Participants	Nature Indoor/Outdoor /Online/Offline
-----	---	240	Online
Link			
Spread sheet Link			



### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

<b>Detail Analysis Report QR code</b>	The course was organized particularly for B.Ed. College Students of Govt. B.Ed. College Akola and Yawatmal and M.Sc. students of our college . These students are going to become the future teachers and In view of todays pandameic condition of Covid-19, we feel it is todays demand that these upcoming students must be aware of all e-contents and digital skills of teaching and learning. And on demand from Govt. B.Ed. College Akola Shri R.L.T.College of Science took this initiation to organized this Add-on course for them without disturbing their routine teaching learning process.
<b>Support/ Assistance</b>	<b>Shri R.L.T. College of Science, Akola</b>

#### BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. ....)

<b>TOPIC/ SUBJECT OF THE ACTIVITY</b>	<b>Online One-Month Add-On Course on 'Digital Skills for Creative Student-Teachers(DISC)</b>
<b>OBJECTIVES</b>	<ol style="list-style-type: none"> <li>1. To provide the information and skill to the student-teachers about the various e-content.</li> <li>2. To motivate the students to use e-content in their seminars</li> <li>3. To Promote generation of e-Content in all subjects</li> <li>4. To make aware the student-teachers about various e-content &amp; how can they used in it to make their teaching-learning process more effective.</li> <li>5. To make available the e-content to them through various delivery modes for formal and non-formal education, for supplementing and complementing teaching.</li> </ol>
<b>METHODOLOGY</b>	The whole world is facing the pandemic condition of cov0id-19. This situation affects the complete life of people. In such condition it is a duty of teacher to boost the moral of the students. The situation teaches everyone that we should be ready for teaching- learning in all conditions because how can one stop the education of the students. As from many years we are using the traditional methods of Black board for teaching

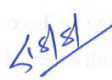
### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

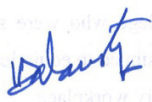
	<p>it is quite difficult to switch towards the modern computerized method of teaching-learning. Teaching in online environment requires specific set of skills. Online teachings necessities moving beyond the traditional pedagogy. To adopt new more facilitative practices teachers needs training and support to be willing to adopt new teaching paradigm. In view of this Shri R.L.T.College of science faculty members have took initiation to arrange one such digital skill development programme for the student of B.Ed. College who were soon going to become the teachers. This course is designed to equip learners with essential digital skills for the modern century workplace.</p> <p>The faculty development programme was organized by Shri R. L.T. College from 10<sup>th</sup> July to 8<sup>th</sup> August 2021. In this programme day wise digital skill development activities are there, like opening of goggle account, google class, preparation of video lecture etc. Assignments were also given so that there should be liveness in the programme. Our expert faculty by their videos or direct live teaching have explained all the concept to the participants. Day wise activity was there. This one month programme help all the students to develop digital skill without paying a single rupees for it during the pandemic condition of corona.</p>
OUTCOMES	<ol style="list-style-type: none"><li>1. Total 240 participants get benefited by this workshop which is actually a big outcome.</li><li>2. Students get aware about various digital skills of teaching-learning.</li><li>3. All round development of Teaching personality of student-teacher as Techno savvy is done.</li><li>4. At the end of this workshop participants should come to know....<ul style="list-style-type: none"><li>• .How to open google account.</li><li>• How to create our own google</li><li>• How to assign the work, check the test in google class.</li></ul></li></ol>

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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	<ul style="list-style-type: none"><li>• How to create our video-lectures.</li></ul> <ol style="list-style-type: none"><li>5. Self-confidence is developed among the participants towards modern teaching.</li><li>6. They Come to know the different digital skills</li><li>7. Participants teachers have developed their own e-contents.</li></ol>
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Dr. R. L. Rahatgaonkar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola

  
Organizing Secretary  
Dr. Poonam T. Agrawal  
Associate Professor & Head,  
Department of Chemistry,  
Shri R.L.T. College of Science, Akola

**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). It was conducted on online platform through Google Meet and also provided YouTube link:

<https://youtu.be/vQhiVK6EaZ4>

This workshop was organized for making awareness in students and their parents about E-Waste and its Managements. Topic was very elaboratively explained in English and local language Marathi by both resource persons. Mr. Sanjay Ingle, Authorized e-waste dismantler gave best wishes to this innovative workshop. Mr. Shailesh Jaiswal Asst. Professor, Department of Physics gave idea about future Electronic waste collection program of College.

The Principal Dr. V. D. Nanoty, Chairperson and inaugurator of the program addressed participants. Workshop was conducted by Dr. Archana S. Sawarkar, Associate Professor in Zoology and convener of workshop. Mr. Ram B. Ghayalkar, Asst. Professor, Department of Computer Science, Coordinator of the Workshop proposed Vote of Thanks. More than 300 students and parents get benefited by this workshop.

**Recorded YouTube Link:**

<https://youtu.be/vQhiVK6EaZ4>

Registration Link:

<https://forms.gle/2TFkxijjtFJiRpvc8>

Feedback form link:


<https://forms.gle/tmvhmJyY94XrvZ6c8>

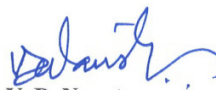
**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**

Some Pictures while session:	
	
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"	
	
Guidance by Mr. R. G. Chavan on topic "E-Waste Management"	Vote of Thanks by Mr. Ram B. Ghayalkar

  
**Dr. Archana S. Sawarkar**  
 Convener

**Mr. Ram B. Ghayalkar**  
 Coordinator

  
**Dr. R.L. Rahatgaonkar**  
 IQAC Coordinator  
 Dr. R. L. Rahatgaonkar  
 IQAC Co-ordinator  
 Shri R.L.T. College of Science,

  
**Dr. V. D. Nanoty**  
 Principal

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Report of

#### Awareness Program to save Electricity, Paper & Energy

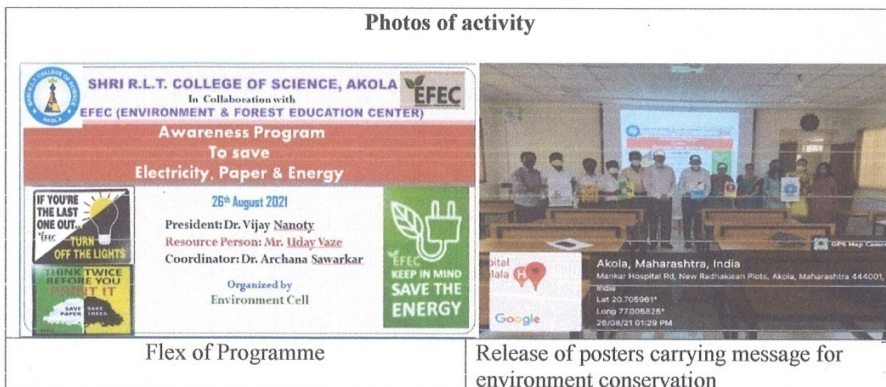
Date: 26-08-2021

Issue Addressed: Environment consciousness

Shri R.L.T College of Science, Akola and EFEC (Environment and Forest Education Center) jointly organized an awareness program to save electricity, paper and energy on 26<sup>th</sup> August 2021.

Mr. Uday Vaze of EFEC explained that excessive pollution and exploitation of resources is causing immense environmental damage. Hence, EFEC came up with an idea to display posters and stickers that carry the message of protecting the environment at large. Dr. Archana Sawarkar, Coordinator of programme told how to avoid misuse of resources and save environment from pollution. Posters carrying message for environment conservation were released. Stickers displaying the message of protecting environment, saving electricity, papers and energy were posted on key places in college premises. In Presidential address Principal Dr. V. D. Nanoty sir stated that nature is beautiful and needs to be preserved. He appreciated the green initiative of EFEC and environment cell of the college. All members of Environment cell and Criterion VII participated in the event. Members of Environment cell also joined Public awareness program, in which Hon. Collector Nima Arora expressed importance on Public awareness programs and expects that the citizens will try hard to save environment from pollution and misuse of resources.

#### Photos of activity



Flex of Programme

Release of posters carrying message for environment conservation

20 participants.

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



Displaying Stickers on key places in college premises

Hon. Collector Nima Arora, IAS, released posters carrying message for environment Protection

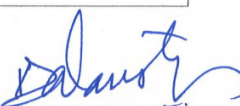
  
**Dr. Archana Sawarkar**

Activity Coordinator

  
**Dr. R.L. Rahatgaonkar**

IQAC Coordinator

Dr. R. L. Rahatgaonkar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola

  
**Dr. V. D. Nanoty**

Principal

**3.2**

**Innovation Ecosystem**

**3.2.2**

**Workshops/Seminars conducted on Research  
Methodology, Intellectual Property Rights (IPR) and  
Entrepreneurship during**

**2021-22**



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### National Online Workshop of Intellectual Property Rights and Patent Filing

The B.G. E. Society Akola's

Shri R.L.T. College of Science, Akola

National Online Workshop on Intellectual Property Rights & Patent Filing

30<sup>th</sup> August 2021

Intellectual property rights are given to people to earn recognition or financial benefit from what they invent or create. The Department of Microbiology, Alumni Association, and IQAC of Shri RLT College of Science, Akola, in Collaboration with the IPR Cell SGB Amravati University, Amravati, organized a National Online Workshop on Intellectual Property Rights & Patent Filing on 30<sup>th</sup> August 2021. The researchers and academicians were introduced to the fascinating world of Intellectual Property Rights and patent filing procedure. Intellectual property rights are an inevitable tool for today's globalized economy.

On this occasion, Honorable Adv. M.G. Mohta, President of B.G.E. Society, Shri. P. N. Maheshwari, Hon. Secretary and all executive members wished their best for the success of the event. Dr. Aniket Gade, Assistant Professor of Department of Biotechnology (SGB Amravati University, Amravati), who is an alumnus of our college and holds a Post Doctoral degree (USA), gave an invited talk on Intellectual Property Rights. From this webinar, participants were informed about various intellectual property rights, patent filing, and patent-related information. Around 230 participants from various institutions registered for the event. The attendees were from renowned institutes such as CV Raman University (Bilaspur, Chhattisgarh), CDSCO (New Delhi), Guru Nanak Khalsa College (Mumbai), St. Wilfred's College (Panvel), St. Xavier's Institute (Mumbai), RNS institute of pharmacy (Gwalior), Indian Institute of Technology (Roorkee), ITM university (Gwalior), and Chitrakoot (MP). Of these, approximately 45% were post-graduate students and 40% were academicians from interdisciplinary subjects, whereas 14.3% were research scholars. The participants provided positive and constructive feedback. Many participants suggested that more such events should be conducted to introduce such important and useful subject areas.

This event was successfully organized under the esteemed guidance of Dr. V. D. Nanoty (Convener), Dr. R. L. Rahatgaonkar (IQAC coordinator), and Dr. H. S. Malpani (organizing secretary). Dr. V. D. Nanoty delivered the presidential speech, Dr. H.S Malpani communicated with an introductory speech, and Dr. S. R. Kohchale hosted the entire program with technical assistance from Mr. R. B. Ghayalkar and Mr. S. R. Jaiswal. The vote of thanks was delivered by Mr. R. D. Choudhari (Chairman of the Alumni Association). Organizing committee members Dr. S. M. Nagrale, Dr. P. T. Agrawal, Mr. R. D. Choudhari, Dr. A. G. Sarap, Ms. S. N. Gawande, and all teaching and non-teaching staff took efforts for the successful organization of the this webinar.



Dr. Harish S. Malpani

Organizing Secretary & Head  
Department of Microbiology



Dr. R. L. Rahatgaonkar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola



Dr. V. D Nanoty

Convener & Principal

Shri. RLT College of Science, Akola

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Link of Programs

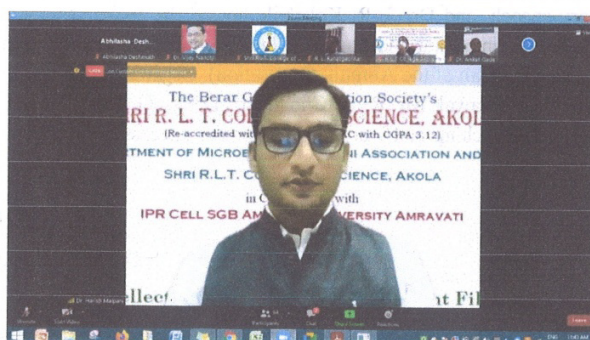
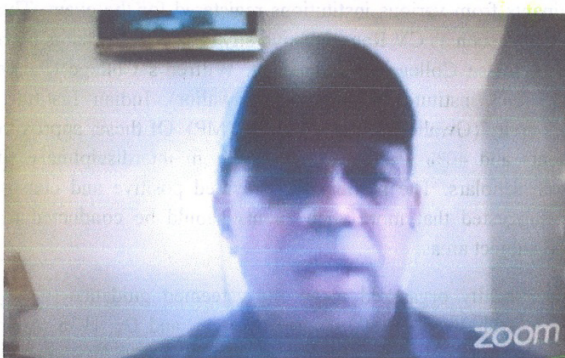
Program link (ZOOM link):

<https://us02web.zoom.us/j/83355908340?pwd=QktueC8wYTREeXRZOFNBRjdVUUUhZz09>

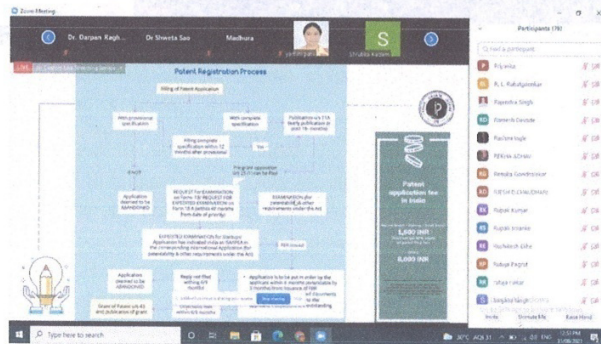
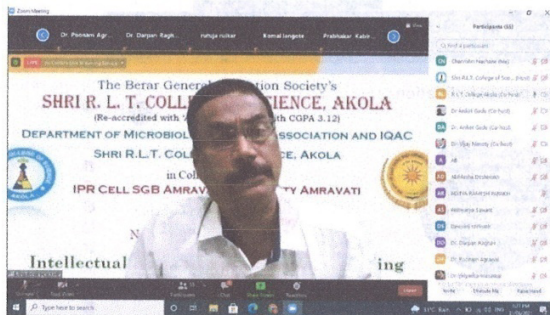
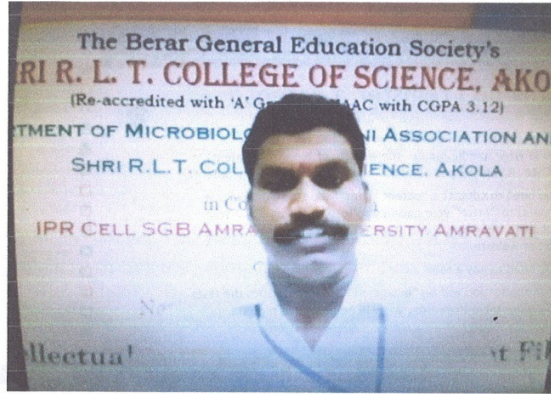
You tube link: <https://youtu.be/IgBDzZMjIjY>

Feedback Link: <https://forms.gle/cuR3fEvAk2umbjgW7>

### Photographs



### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

**How do I register a patent?**

Go to [www.ipindia.nic.in](http://www.ipindia.nic.in) - the website of the Indian Patent Office. It will tell you all about how you can apply for a patent.

You need to contact a "patent agent" who is an adult who is trained to "write" your patent application and apply on your behalf to the government. A list of patent agents is provided on the website.

You need to pay a fee.

Your application will be "examined" and if it satisfies the tests of a patentable invention, you will be granted a patent.

Participants (73):

- Pratyeka
- R. L. Raghunankar
- Rajendra Singh
- Ramesh Desai
- Radhika Ingole
- REKHA ANKAV
- Renuka Chandekar
- RISHI D. CHAUDHARI
- Rupak Kumar
- Rupali Solanki
- Ravikesh Eklav
- Rubika Pagnit
- Rudra Rukar
- Sankha Saini

**Geographical Indication**

GI is a sign used on products that have a specific geographical origin and possess qualities or a reputation that are due to that origin.

Mysore Silk

Rajasthani Kathputlis

Naga Mircha

Darjeeling Tea

The Geographical Indications of Goods (Registration & Protection) Act, 1999

Participants (80):

- Chandrini Narshas (M)
- Shri R.L.T. College of Sci... (R)
- Dr. Aniket Gaik (Co-host)
- Dr. Vijay Menoty (Co-host)
- R. L. T. College Akola (Co-host)
- JE
- Abhishek Dushubati
- ADITHYAN RAMANATHAN
- Abhinaya Sawant
- Amol Nagrala
- Anika Bakram Poddabe
- Arjita Devidas Sardar
- Archana Paraskar
- Chandani Shrivastava

### Report

### On

### Hazardous Management and Fire Extinguisher Demonstration Workshop

One Day Level workshop on Hazardous Management and Fire Extinguisher Demonstration workshop was organized by Department of Chemistry and Disaster Management Club of Shri.L.T.College of Science, Akola on 16<sup>th</sup> September 2021. The objective of this workshop is to bring awareness among the Teaching, non-teaching staff and the post-graduation students about the hazardous management. The workshop also aims to give demonstration and training to the teaching, non-teaching staff members as well as M.Sc. Chemistry students about the use of fire extinguisher. How this fire extinguisher work, what are the different types of Hazardous in laboratory and how can you manage all this hazardous. I

The workshop started with the inauguration function Dr.Murlidhar Waderkar Hon'ble Joint Director of Amravati University who is also a man of Chemistry was the inaugurator of this workshop. Dr. V.D. Nanoty, Principal Shri R.L.T.College of Science, Akola was the President of this function. Respected Dr. Rameshwar Bhise, Principal, Shri Shivaji College Akola, Prof.Dr. K.N.Puri, Head department of chemistry Shri Shivaji college of science, Akola and Dr. S.V.Kolhe, Associate Professor, Department of Chemistry Shri Shivaji College Akot, graced the Programmed. The Programme started with the felicitation of guests.



Dr. Pravin Kawle, Assistant Professor department of Chemistry conduct the inauguration programme. Dr. Poonam Agrawal, Associate Professor and Head department of Chemistry, Shri R.L.T. College of Science, and Organizing secretary of the workshop gave the introductory speech.

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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Hon'ble DR. Murlidhar Wadekar in his inaugurator speech appreciated the department of chemistry for organization of such type of demonstration workshop. He also felt sorry to say that many organization have all the safetyequipment's but the staff members are unable to handle it. Due to lack of knowledge of handling andmanaging this hazardous situation many accidents may occur so it is good initiatives taken by Shri R.L.T.College of Science, Akola.

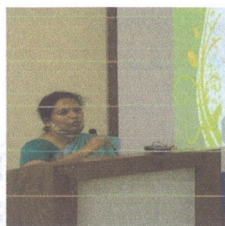


Principal Dr. V.D. Nanoty, in his presidential speech motivated the students towards to take such training and be aware of such types of incidents. Dr. Aashish Saraf Proposed the vote of thanks. **Total 117 students and teaching and non-teaching staff members** getbenefited by this workshop.



During the first technical session Dr. Poonam Agrawal, Organizing secretary and head department of Chemistry deliver the lecture on various hazardous in the laboratory and safty measure about how to handle such types of hazardous. She explain in detail about the various hazardous management.

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



In the second technical session Dr. Sudhir Kochale, Assistant Professor and director of Disaster management club of shri R.L.T.College of Science gave the information about various types of fire Extinguisher and also gave the demonstration and training to the non-teaching staff and students of the fire extinguisher. All the staff members and students get benefited by this workshop.



Dr. P.R. Kawle, Dr. Aashish Sarp, Dr. Kavita Heda, Dr. V.D. Deotale, Dr. R.L. Rahatgaonkar, Prof. R.D.Choudhary, Dr. Sudhir Kochale, Dr. Harish Malpani took the efforts for the successful organization of this events.

Organizing Secretary  
Dr. Poonam T. Agrawal,  
Associate Professor & Head  
Department of Chemistry  
Shri R.L.T. College of Science, Akola

  
Principal  
DR. V.D. Nanoty

  
Dr. R. L. Rahatgaonkar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola



## आर.एल.टी. विज्ञान महाविद्यालयात अग्निशामक यंत्राचा आपातकालीन वापर यावरील कार्यशाळा संपन्न



<b>प्रतिनिधी/</b> २१ सप्टेंबर	ओशन दिनाचे औचित्य साधून रसायनशास्त्र विभाग, आय.ब्यु.ए.सी व आपत्ती व्यवस्थापन कक्ष यांच्या संयुक्त विद्यमाने अग्निशामक यंत्राचा	आपातकालीन वापर यावरील प्रात्यक्षिक कार्यशाळा संपन्न झाली या कार्यशाळेचे उद्घाटक म्हणून डॉ. मुरलीधर वाडेकर, सहसंचालक, > पान २ वर
<b>अकोला :</b> आर.एल.टी. महाविद्यालयात १६ सप्टेंबर रोजी	<b>स्थानिक विज्ञान</b>	

**आर.एल.टी. विज्ञान...**

उच्च शिक्षण, अमरावती विभाग, अमरावती होते. तर प्रमुख उपस्थिती डॉ. कोल्हे, अकोट व डॉ. पुरी, महाविद्यालयाचे प्राचार्य डॉ. विजय नानोटी यांची लाभली. तज्ञ म्हणून आपत्ती व्यवस्थापन कक्षाचे डॉ. सुधिर कोहचाळे तसेच रसायनशास्त्र विभागप्रमुख अरुणनाथशिंगे सेक्रेटरी डॉ. पुनम अग्रवाल, आय.ब्यु.ए.सी. समन्वयक डॉ. रूढिगावर्कर होते.

सुरुवातीला महाविद्यालयाचे प्राचार्य डॉ. विजय नानोटी यांनी स्वागतपर मनोगत व्यक्त केले. त्यांनी आपल्या मनोगतानु सद्य परिस्थिती व कार्यशाळेचा उपयोगिता याची माहिती सांगून महाविद्यालयाच्या प्रगतीचा आलेख आपल्या स्वागतपर मनोगतानु व्यक्त केला. तर उद्घाटक डॉ. मुरलीधर वाडेकर यांनी आपत्ती ही काही सांगून येत नाही त्यामुळे प्रत्येक व्यक्तीस आपत्ती व्यवस्थापना मध्ये वापरात येणारी यंत्र सामग्री हाताळण्याची अभ्यासपूर्ण माहिती असणे आवश्यक आहे. या कार्यशाळेतून सर्व कर्मचा-यांना या माहितीचा निरिचतच फायदा होईल असे मार्गदर्शनातून सांगितले. यावेळी महाविद्यालय परिसरात डॉ. वाडेकर यांच्या हस्ते वृक्षारोपण करण्यात आले. तसेच तज्ञ डॉ. कोहचाळे यांनी अग्निशामक यंत्राची माहिती प्रात्यक्षिक सह उपस्थिताना दिली. यावेळी महाविद्यालयाचे कर्मचारी अजय अग्रवाल यांनी मदत केली. प्रशिक्षणाचा लाभ सर्व कर्मचा-यांनी घेतला. या कार्यक्रमाचे संचालन डॉ. प्रविण कावळे यांनी तर आभार प्रदर्शन डॉ. आशिष सरप यांनी केले. या स्तूत्य उपक्रमाबद्दल डॉ. वी. रंजिथेचे अध्यक्ष अँड मोतीमिहजी मोहता, उपाध्यक्ष विजयकुमारजी तोष्णीवाल, कनिष्ठ उपाध्यक्ष डॉ. रविंद्रजी जैन, मानद सचिव पवनजी माहेरवरी, सहसचिव इति. अभिजितजी परांबे यांनी अभिनंदन केले. कार्यक्रमाच्या यशस्वीतेसाठी प्राचार्य डॉ. विजय नानोटी यांच्या मार्गदर्शनाखाली रसायनशास्त्र विभागप्रमुख डॉ. पुनम अग्रवाल, डॉ. रूढिगावर्कर, डॉ. प्रविण कावळे, डॉ. कविता हेडा, डॉ. आशिष सरप, डॉ. देवतळे, डॉ. ज्ञायटे तसेच प्रशासकीय कर्मचारी के. वाय. पाटील, दिपक वानखडे यांचेसह प्राध्यापक, प्रशासकीय, शैक्षणिक व शिक्षकेतर कर्मचा-यांनी परिश्रम घेतले.



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### One Day National Level Workshop on Process of Drug Designing and Drug Discovery

One Day National Level workshop on The Process of Drug Designing and Drug Discovery was organized by Shri.R.L.T.College of Science, Akola on 4<sup>th</sup> October 2021. The objective of this workshop is to educate next-generation scientists about rational drug design, discovery & development of drugs. This workshop is an educational forum that endeavours to provide a comprehensive overview of the drug discovery process against a back drop of the technology and research revolution and includes a horizontal overview of the disciplines involved in the drug discovery process and a vertical delve in to the critical elements of each discipline.

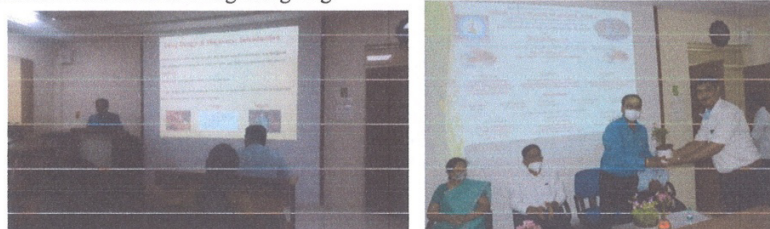
The design and production of drugs is a field in which chemistry has had a favourable impact on life expectancy and quality over the past century. As such, this field provides a rare opportunity to introduce several concepts in chemistry and biochemistry to a large audience.

It is widely known that the design and development of a new drug generally costs more than 1 billion dollars in total and takes at least 10 years, while, despite all these efforts, only a very limited number of drug discovery projects will lead to the actual release of a new drug. Several technologies have been developed to rationalize the process by reducing duration, cost, and attrition rate, one of which is computer-aided drug design (CADD). CADD uses computing resources, algorithms, and 3D-visualization to help generate rational ideas about how to create or modify molecules, and to make decisions in the execution of the drug design process.

The workshop started with the inauguration function Prof. Ram Chavhan sir, Head department of Electronics, Shri R.L.T.College of Science, Akola and CDC member of our college was the inaugurator for this function. Dr. V.D. Nanoty, Principal Shri R.L.T.College of Science, Akola was the President of this function. DR.Lokeshkumar Gandhi, Associate Professor, SGSPS Pharmacy College Akola and Prof. S.L.Khan, Assistant Professor NBS Institute of Pharmacy Ausa, Latur, graced the Programmed.



DR.PravinKawle, Assistant Professor department of Chemistry conduct the inauguration programme. Dr. Poonam Agrawal, Associate Professor and Head department of Chemistry, Shri R.L.T.College of Science, and Organizing secretary of the workshop gave the introductory speech. Prof. R.G.Chavhan sir in his inaugural speech explain the need of more research in the field of Drug designing.



### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

Principal Dr. V.D. Nanoty, in his presidential speech motivated the students towards to move towards this new era of drug designing. Dr. Aashish Saraf Proposed the vote of thanks. Total 100 students get benefited by this workshop.

First technical session was conducted by Dr. Pravin Kawle sir, Dr.Lokeshkumar Gupta was the resource Person for first session. In his lectures sir make the students aware about different terms used in drug discovery and technique used for the manufacturing of drugs.. The session ends by the vote of thanks by DR. Vinod Deotale.



In the second technical session Prof.S.L.Khan demonstrated the process of drug designing with the help of software. The students also tried at their own the drug designing by using the software. Really it was a very nice hand in experienced for the students. Dr. Vinod Deotale conducted this technical session two.

The valedictory function was graced by the presence of hon'ble DR. Dileep Malkhede sir The Vice Chancellor of the santGadge Baba Amravati University, Amravati. Sir was the chief Guest for this occasion. Hon'ble Adv. MotisinghjiMohta, the President of the B.G.E. Society, was at the presidential seat of this valedictory function. Respected DR. ShriprabhuChapke, Principal, Smt. L.R.T. Commerce College , Akola, Respected Dr.Devendra Vyas, Principal smt. R.D.G. Women College , Akola, Dr. Gajanan Egaonkar, Principal NathmalGoenka Law College Akola, were the guest of Honour for this occasion. The valedictory function begins with lightning of lamp followed by the welcome of the guests.



Principal DR. V.D. Naoty sir gave welcome cum introductory speech and also gave the details of the registration and beneficiaries of the workshop.



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



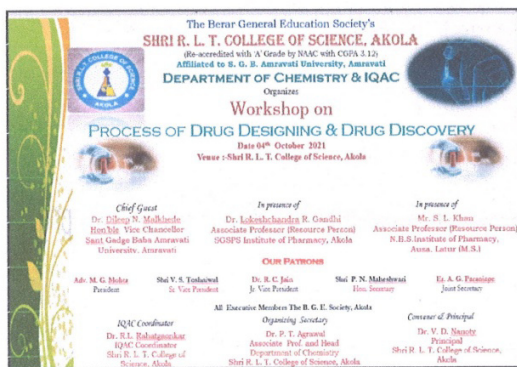
Hon'ble Vice Chancellor Dr. Dileep Malkhede appreciated the efforts taken by the department of chemistry for organizing such workshop at district level. He focused on the importance of such type of programme. He also mentioned that there is a need in redrafting of syllabus where there should be incorporation of such skill based programme.

Hon'ble adv. Motisinghji Mohta sir in his presidential speech highlighted that college is always ahead in organization of such skill based and job oriented programme. He gave assurance to the Hon'ble Vice chancellor that in future also The B.G..E. Society always take initiation in such organization. He also appreciated the department of chemistry for such nice organization always taking such programme like perfume making soap making, agarbatti making which provides job opportunity to the students.

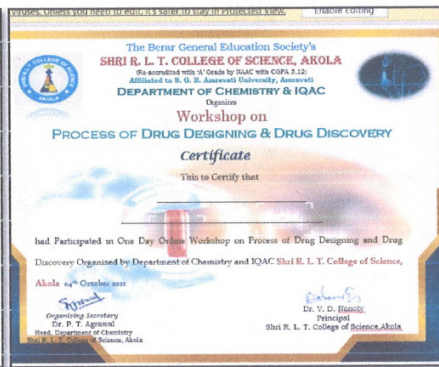
The programme was conducted by DR. Sudhir Kochale , Assistant Professor department of Zoology, Shri R.L.T.College of Science Akola and DR. Poonam Agrawal, organizing secretary Proposed the vote of thanks.

DR. R.D. Chandrawanshi, Dr.P.P.Deohate, Dr. Kavita Heda, DR. R.L.Rahatgaonkar, Prof. R.D.Choudhary , Dr. Harish Malpani , Shri R.B.Ghayakar, Shri S.R.Jaiswal took the efforts for the successful organization of this events.

### Invitation Card



### Certificate



### Online Programme Link

<https://youtu.be/IOxCavYERKo>

*Poonam*

**Organizing Secretary**  
**Dr. Poonam T. Agrawal,**  
 Associate Professor & Head  
 Department of Chemistry

*Dr. V. D. Nanoty*

**Principal**  
**DR. V. D. Nanoty**

*R. L. Rahatgaonkar*

**Dr. R. L. Rahatgaonkar**  
 IQAC Co-ordinator  
 Shri R.L.T. College of Science, Akola

### Report

On

### National Workshop on New Education Policy-2020

A one-day National level workshop was organized on 3/12/2021 on **New Education Policy-2020** by the Berar General Education Society's Shri R.L.T. College of Science, Akola in collaboration with Sant Gadge Baba Amravati University, Amravati. The main objective of the workshop is to bring awareness regarding the New Education Policy 2020 among the participants. The Programme also aimed to teach participants the various important aspects of NEP.

The need for new education policy was felt in the country for a long time. Three national education policies have been introduced in India till now. The emphasis of previous policies on education was mainly on issues of access to education.

The new education policy has been brought in keeping with the view the current and future needs, which can hold to large scale transformative reforms in both the school and higher education sectors. To achieve full human potential education is fundamental requirement for the development of a just and equitable society and to promote national development.

The whole world is undergoing rapid changes in the knowledge landscape. In this content, the new educational policy will replace 34-year-old National education policy framed in 1986.



The Programme started with the inauguration session and was inaugurated by Respected, Dr. Avinash Mohril sir, Principal Mahila Mahavidyalaya, Amravati. Hon'ble Adv. Motisinghji Mohta sir, The President of The Berar General Education Society was the President for this inauguration session. Dr. V.D. Nanoty, Principal, Shri R.L.T.College of Science, Akola, Dr. ShriPrabhu Chapke, Principal Smt. L.R.T. College of commerce, Respected shri Gajanan Egaonkar, Principal NathmalGoenkaLaw college, Akola and Dr. Rupa Gupta, AssistantProfessor, Smt. R.D.G. women's College Akola graced the occasion. The Programme was attained by the



organizing secretary Dr. Poonam T. Agrawal, Associate Professor and Head department of Chemistry, Shri R.L.T.College of Science, Akola, All the faculty members of R.L.T.College of Science Akola and Faculty member of other colleges and post-graduation students of Shri R.L.T.College of Science, Akola. The programme was held both in offline as well as online mode. Total 200participants get benefited by this workshop.

The Programme was started with lighting of lamp followed by University Song; felicitation of guests; Welcome and introductory speech by the Principal, Dr. V.D.Nanoty sir; inauguration speech by DR. Avinash Mohril sir.

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



Hon'ble Adv. Motinsinghji Mohta sir mentioned the importance of this policy and also explain how the teacher fraternity would be benefited by this kind of workshop in his presidential speech.



The First Technical session started with importance of Languages, arts and culture in new education policy Dr.

Avinash Mohril sir focused on the importance of languages, arts and culture in new education policy. He also explains that the teachers play role in setting the goals of this new education policy. He further highlighted the need of educational environment is must for the teachers to follow this education policy. This technical session was chaired by Dr.MamtaIngole madam.



The inauguration function and first technical session was conducted by Dr. Sudhir Kochale sir, Introduction of guest was given by Dr. Kavita Heda madam and vote of thanks was proposed by Dr. A.G. Sarap.



The second technical session was on the online and digital teaching. In Second session Dr. Rupa Gupta madam highlighted on the importance of online and digital teaching. Also explained how this online teaching stood a best tool of teaching during this pandemic condition of covie-19. Further madam has given all the

information regarding Swayam portal to all the participants. Dr. Milind Shirbhate, Shankarlal Khandelwal College Akola chair this technical session.



This technical session and valedictory function was conducted by DR. Harish Malpani and Dr. Poonam T.

Agrawal, Organizing secretary of this workshop proposed the vote of thanks.

The session was followed by the distribution of certificates to the participants.





अश्विनाश

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Dr. B. L. Raha... ankar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola

**Seminar on Job Opportunity in Industry**

**Report  
Of  
Seminar on “Job Opportunities in Industry”  
Organized by the Crystal Club of Department of Chemistry  
In Collaboration with  
Career Counselling Cell of Shri R.L.T. College of Science, Akola  
&  
Microns Cell of Department of Microbiology  
Dated On  
Monday, 27<sup>th</sup> December 2021  
Speaker: Shri Prasad Pangarkar  
(Assistant Vice-President Reliance Industry Mumbai)**

Crystal Club of Department of Chemistry organized Seminar on Job opportunities in Industry for the Post graduation department of Chemistry and microbiology students. Mr. Prasad Pangarkar delivered the lecture on this topic.

A chemical engineer by profession, Mr. Prasad Pangarkar is an alumnus of RLT Akola. Mr Pangarkar graduated from LIT Nagpur. He completed his post-graduation from UDCT Mumbai and joined the industry. He has nearly two decades of industrial experience which spans in the domains of operations, technology, research, engineering & projects, process automation & business management.

He started his career at Reliance Industries Ltd at the Patalganga Manufacturing Division and has handled various projects in different capacities. After an initial stint in operations, he moved to the research & technology function. Among the various assignments handled by him, notable were the studies towards packed bed & CSTR reactor modelling, recovery of value added chemicals from residue, and effluent degradation studies of polycarboxylic acid. He later worked in the engineering & projects domain and was part of erection & commissioning of then one of the largest capacity purified terephthalic acid (PTA) plant. After completing his course from IIM-Bangalore he briefly worked in the capacity as executive assistant to the Technology & R&D head. Later he was associated with the management projects viz the business transformation at Reliance

He has represented at various seminars and conferences and has also contributed for a chapter on reactor design in the book ‘Design of Multiphase Reactors’ by Wiley Publications. He is the



### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

recipient of the 'Outstanding Young Chemical Engineer' award which was bestowed by the Indian Institute of Chemical Engineers. He has also received the National award i.e. the 'NOCIL award for excellence in design or development of process, plant & equipment' during the annual chemical engineering congress – CHEMCON-2011. He has a patent in his name on the same.

His interests lie in the field of new product development, scale-up and process automation. He is presently working at the Reliance Technology Centre of Excellence as group lead (Assistant Vice President) for process design, scale up and process automation projects.

Dr. V.D. Nanoty sir was the President of this Programme. DR. Poonam Agrawal, Head Department of the Chemistry was the organizing secretary of the functions. The programme was graced by the presence of Dr. P.P.Deohate, Associate Professor, Department of Chemistry, Dr. Harish Malpani, HOD department of Microbiology and Dr. Aashish Sarap, Assistant Professor Department of chemistry. The Programme was conducted by Dr. Kavita Heda.

The Programme begins with the floral welcome of the guest.



### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



Dr. V.D.Nanoty sir in his welcome speech explain the importance of such types of seminar and motivated the students to face various competitive examination.



DR. Poonam Agrawal in her introductory speech explain the motto behind such programme and also explain the various activity under taken by crystal club for the students to face them the challenges of this competitive world.

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



The main part of the seminar is the speech of Shri Prasad Pangarkar. He captured the concentration of gathering by his effective lectures. In his lecture he explain various opportunities for the students in various industries, qualification require for such examinations and process of the applying for such jobs. Though a man of chemical Engineering he explain the importance and the vital role of the pure sciences in various industries. He motivated students for research work.



Overall the lecture was very fruitful for all the students. 65 students and seven research scholar of the department of chemistry and microbiology get benefited by this seminar.

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



The Programme ends with the vote of thanks by Miss Aarti Kadu, students of M.Sc. First year Chemistry.

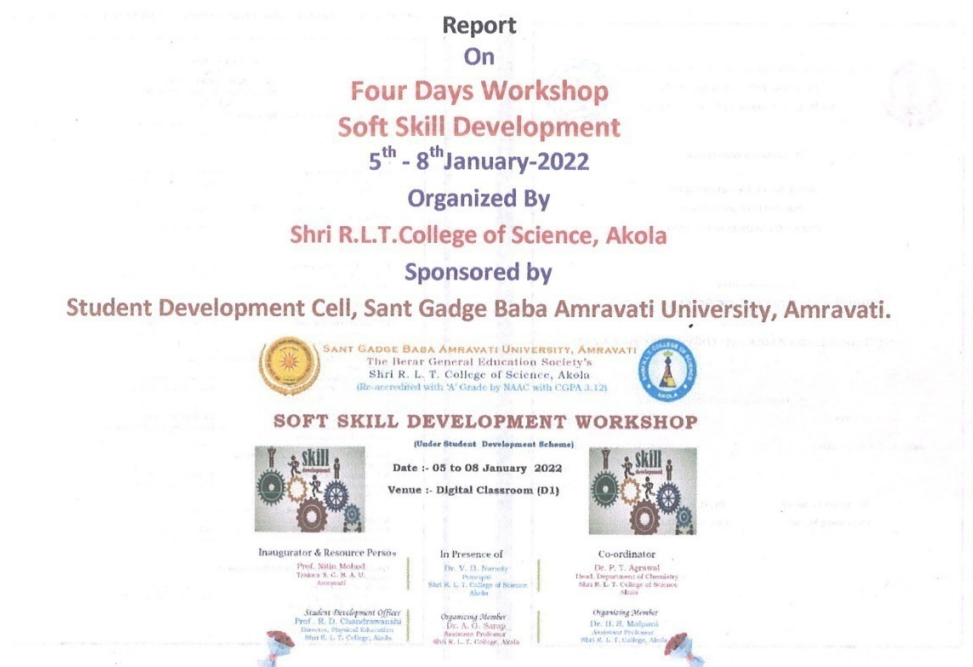


*3/1/21*  
Dr. B. L. Rishatgaonkar

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**Four Day Workshop on Soft Skill Development**



Shri R.L.T.College of Science is always ahead for organizing various programmes for the beneficiaries of student. It is the main Moto of our institution to bring out all over development of the students and this is the reason why RL Tions are ahead not only academically but also in all field of the society which may be Medical, Engineering Scientists or even Politics. In view of the overall development of students and as per the today need of soft skill development among the students, Shri R.L.T.College of Science in collaboration with student development. Sant Gadge Baba Amravati University, Amravati organized four days workshop for the B.Sc. Final year students on soft skill development.

The programme schedule form 5<sup>th</sup> to 8<sup>th</sup> January- 2022.



The programme begins on 5<sup>th</sup> October with registration of student from 11.00 a.m. to 12.00 noon then there was inauguration of the workshop. Dr.V.D. Nanoty, Principal of our College

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



Sant Gadge Baba Amravati University, Amravati  
The Berar Education Society's  
Shri R. L. T. College of Science, Akola

FOUR DAYS WORKSHOP  
On  
SOFT SKILL DEVELOPMENT  
(Under Skill Development Scheme)  
Date :- 05 to 08 January 2022

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

Sponsors By  
**SANT GADGE BABA AMRAVATI UNIVERSITY AMRAVATI**

Organising Committee

Dr. Poonam T. Agrawal Co-ordinator Shri R. L. T. College Akola	Dr. V. D. Nanoty Principal Shri R. L. T. College Akola
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Dr. Ashish G. Sarap      Dr. H. S. Malpani  
Organising Member      Organising Member

**FOUR DAY WORKSHOP  
ON  
SOFT SKILL DEVELOPMENT  
DATE 05 TO 08 JANUARY 2022  
Schedule**

**DAY 1 05<sup>th</sup> JANUARY 2022 (WEDNESDAY)**

Registration :- 12.00noon to 01.00pm  
Inaugural Function :- 01.00pm to 01.30pm  
Inauguration :- Prof. Nitin Mohod

**SESSION I**  
PROF. NITIN MOHOD  
Assistant Professor  
Shri Shivaji College Akola  
Topic :- Group Discussion  
Time :- 01.30pm to 02.30pm

TEA BREAK :- 02.30pm to 02.40pm

**SESSION II**  
PROF. NITIN MOHOD  
Assistant Professor  
Shri Shivaji College Akola  
Topic :- Interview Skill  
Time :- 02.40pm to 03.40pm

PROF. R. D. CHAUDHARI  
Assistant Professor  
Shri R. L. T. College Akola  
Topic :- Verbal Communication  
Time :- 03.40 pm to 04.40pm

**DAY2 06<sup>th</sup> JANUARY 2022 (THURSDAY)**

**SESSION I**  
DR. SWATI DAHODARE  
Associate Professor  
Smt. L. R. T. College Akola  
Topic :- Resume Writing  
Time :- 12.00noon to 01.00pm

TEA BREAK :- 01.00pm to 01.15pm

**SESSION II**  
DR. SWATI DAHODARE  
Associate Professor  
Smt. L. R. T. College Akola  
Topic :- Resume Writing  
Time :- 01.15pm to 02.15pm

PROF. R. D. CHAUDHARI  
Assistant Professor  
Shri R. L. T. College Akola  
Topic :- Non-Verbal Communication  
Time :- 02.15 pm to 03.15pm

**DAY3 07<sup>th</sup> JANUARY 2022 (FRIDAY)**

**SESSION I**  
MR. UMESH S. CHAPKE  
Assistant Professor  
S. A. College Akola  
Topic :- Presentation Skill  
Time :- 12.00noon to 01.00pm

TEA BREAK :- 01.00pm to 01.15pm

**SESSION II**  
MR. UMESH S. CHAPKE  
Assistant Professor  
S. A. College Akola  
Topic :- Leadership  
Time :- 01.15pm to 2.15pm

**DAY4 08<sup>th</sup> JANUARY 2022 (SATURDAY)**

**SESSION I**  
DR. R. M. AGRAWAL  
Assistant Professor  
Shri R. L. T. College Akola  
Topic :- Time Management  
Time :- 12.00noon to 01.00 pm

TEA BREAK :- 01.00pm to 01.15pm

**SESSION II**  
DR. R. M. AGRAWAL  
Assistant Professor  
Shri R. L. T. College, Akola  
Topic :- Goal Setting  
Time :- 01.15pm to 2.15pm

VALEDICTORY FUNCTION :- 02.30PM TO 03.00PM

CERTIFICATE DISTRIBUTION :- 03.00PM TO 4.00PM

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

was the Inaugurator of workshop and Dr. Nitin Mohod sir, Associate Professor Shri Shivaji College, Akola was the Resource person for the first day.

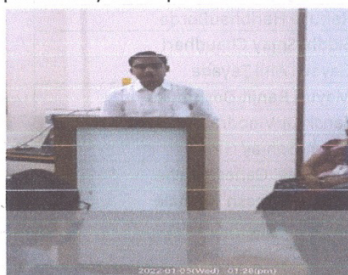
Dr. Rajesh Chandrawanshi, Physical Director and student development officer in his introductory speech motivated and inspire the students for such workshop.

Dr. Poonam T. Agrawal Coordinator of workshop in her speech thanks to Vice Chancellor, Amravati University and Dr. Satange sir, Student development Cell, S.G.B. Amravati University, Amravati for giving opportunity to our college for this organization.

Dr. V.D. Nanoty Sir guided the students about the need of workshop and giving some examples on time management.

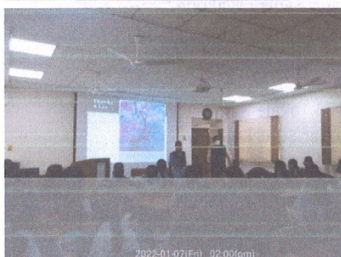


In First Session Dr. Nitin Mohod sir delivered his speech on Motivation Group discussion and personality development.



First day session ends with the vote of thanks by Dr. Harish Malpani.

Second day there was a lecture of Dr. Swati Damodare, Associate Professor L.R.T. College Akola on-Non-verbal communication and Motivation. Prof. Ram Chavahan, Head Dept. of Electronics was the chief guest for this activity. Dr. Rajesh Chandrawanshi, Physical Director of our college as well as Student Development Officer of our College Cell proposed the vote of thanks.



Third day there was a two sessions of Dr. Chapke sir, Asst. Professor L.R.T. College Akola on-Resume writing. Dr. Harish Malpani, Asst. Professor Dept, of Microbiology proposed the vote of thanks.

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



On fourth day there was first session of DR. R.D. Choudhary, Shri R.L.T. College of Science, Akola and second session of Dr. Rohit Agrawal, Shri R.L.T. College of Science, Akola.

The workshop ends with the valedictory function, Dr. V.D. Nanoty sir was the chairperson and DR. Aashish Sarp Conducted the Programme. DR. R.D. Chandrawanshi, DR. R.D. Choudhary, Dr, Harish Malpani and all the teaching and non-teaching staff members of the college worked hard for the success of the workshop. Total 57 students registered for the workshop.

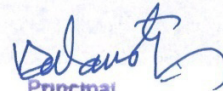
  
DR. Poonam T. Agrawal

Coordinator, Soft skill development workshop  
Shri R.L.T. College of Science, Akola

### List of the Students

Sr. No.	Name of students	Sr. No.	Name of students
1	Miss Achal Devendra More	29	Miss Vaidehi Sudhir Kulkarni
2	Miss Renuka Chandrashekhar Gole	30	Miss Aishwrya Girish Pathak
3	Miss Vaishnvi Sitaram Jadhao	31	Miss Nidhi Ajay Dixit
4	Miss Soniya P. Jangid	32	Miss Renuka HaribhauBorde
5	Miss Radhika Rajote	33	Miss Siddhi Snjay Chaudhari
6	Miss Achal Arun More	34	Miss Gayatri Anil Tayade
7	Miss Roshani Santosh Tiwari	35	Miss Mayuri Ranjit Deshmukh
8	Miss Sunidhi NavinkumarChitlange	36	Miss SanskrutiVinodraoGanoje
9	Miss Aditi Sandanand Raut	37	Miss Sakshi Sanjay Girhe
10	Miss Vaishnavi Dashrath Waghmare	38	Miss Vaishnavi Ganesh Girhe
11	Miss Sakshi DilipNakhale	39	Miss Arpita Subhash Pophale
12	Miss Anjali Suresh Ambalkar	40	Miss Sakshi Santosh Katole
13	Miss Vaishnavi Pradip Kolhe	41	Mr Aniket AsjokKharde
14	Miss Rutuja Ravindra Jamodkar	42	Mr Dipesh Gopal Giri
15	Miss Vaishnavi Sanjay Tekade	43	Miss Ankita Digambar Sonone
16	Miss Shrutika Gajanan Deshpande	44	Miss Aparna Ganesh Rakhonde
17	Miss Apoorva Harshad Damodar	45	Miss Diksha Pramod Londe
18	Miss Vaishnavi Ramesh Datir	46	Miss Radhika Gopal Malokar
19	Miss Achal Anil Tayade	47	Miss Pratiksha Dnyaneshwar Chiliwant
20	Miss Vaishnavi Rameshwar Tayade	48	Miss Sakshi Ananta Tale
21	Miss Nikita Suresh Tayade	49	Miss Nikita Rajesh Hage
22	Miss Nikita M. Tayade	50	Miss Vaishnavi Shrikrishna Kadu
23	Miss Prachi Kisan Chavhan	51	Miss Kshiteeja Santosh Nakat
24	Miss Vaishnavi Ravindra Damdhar	52	Miss Gauri Sanjay Wakode
25	Miss Poonam AjaysinghBais	53	MrAgohit Suresh Ambuskar
26	Miss DivyaBabanraoVirulkar	54	Mr Siddharth Sahebraw Ingle
27	Miss Prajakta Subhash Dhurde	55	Mr Prashant P. Kale
28	Miss VaihnaviShrikrushnaShelkar	56	MrYash S.Tayale
		57	Mr Mandar Sunil Kalley

  
Dr. R. L. Rahatgaonkar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,

  
Principal  
Shri R.L.T.College of Science  
Civil Lines, Akola (M.S.)



## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### Virtual Workshop & Interaction Program on Nutritional Empowerment During COVID Pandemic

The Berar General Education Society's  
**Shri R.L.T. College of Science, Akola**  
**National Service Scheme (NSS)**  
In association with  
**Parent Teacher Association & IQAC**  
organizes  
**Virtual Workshop & Interaction Program**  
on  
**TOPIC: "Nutritional Empowerment During Covid Pandemic"**  
For students & Parents  
On  
**National Youth Day**  
on Wednesday, 12-01-2022 at 3:00 pm  
By  
**Dr. Sonal Kame**  
Assistant Professor  
Smt. R.D.G. Women's College, Akola  
Organising Committee  
Co-ordinators  
**Dr. Rashmi P. Joshi**  
**Dr. Samadhan L. Munde**  
Co-ordinator  
**Dr. A.S. Sawarkar**  
IQAC coordinator  
**Dr. R.L. Rahatgaonkar**  
Members  
**Mr. S. Jaiswal**  
**Miss S. N. Gawande**  
Principal  
**Dr. V. D. Nanoty**  
Shri R.L.T. Science College, Akola.

The Berar General Education Society's  
**Shri R.L.T. College of Science, Akola**  
**National Service Scheme (NSS)**  
Parent Teacher Association & IQAC  
organizes

Virtual Workshop & Interaction Program

Link for registration for the the Lecture:

↓  
<https://forms.gle/9VQ9FQUCxf39VWUv7>

Google Meet Link To Join

<http://meet.google.com/syb-ismn-bpy>

You Tube link for attending the programme

<https://youtu.be/ja4F3hRxM48>

**Note:**

- Participants should register through the above given link
- All the students are informed to register their parent or Guardian for the event with another Mail id.
- There will be the Interactive Session in last 15 min after the lecture

For further Details

Contact Coordinators of the Programme

Dr. Rashmi Joshi

Dr Samadhan Munde

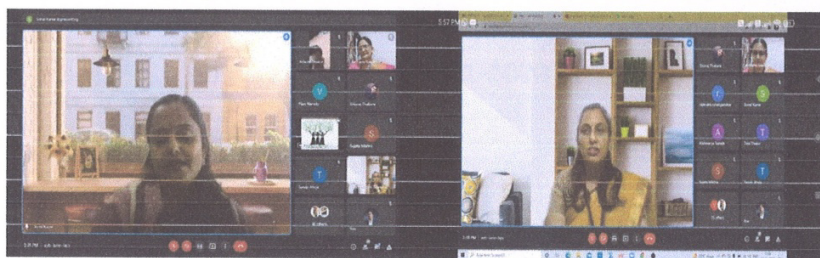
### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

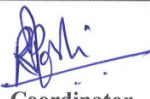
#### “Nutritional Empowerment During Covid Pandemic” on National Youth Day


Date: 12/01/2022:

On “National Youth Day” the N.S.S. unit of Shri R.L.T. College of Science, Akola in association with Parent Teachers Association Committee & IQAC organized a workshop and an interactive session on “Notional Empowerment During Covid Pandemic” for parents and students. The Guest Speaker was Miss Sonal Kame Ambere, Assistant professor, Home Science, Smt. RDG College fir Women Akola. The workshop was organized for today youth and the guest speaker guided them about healthy food n nutrition to keep them fit in this Covid Pandemic. About 209 student and parent participants had registered for the workshop. The interactive session was very good. Many students and parents discussed with the guest speaker about their doubts. Principal, Dr V. D. Nanoty presided the inaugural function and he guided the participants about the values and good things that, How the youth should be? The NSS program officer Dr. Rashmi Joshi, Coordinator of the Program, Dr. A. S. Sawarkar, coordinator of Parents teachers Association, Mr. Shailesh Jaiswal member of organizing committee took efforts and worked hard for the success of workshop. The interactive session was successful.

Web Link for the workshop: <https://www.rltsc.edu.in/2022/01/12/national-youth-day/>



  
Coordinator  
Dr. Rashmi Joshi Sawalkar

  
Dr. R. L. Rahatgaonkar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola

  
Principal

Principal  
Shri R.L.T.College of Science  
Civil Lines, Akola (M.S.)

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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### Department of Chemistry

#### Workshop on Hands On training on Perfume making


28/02/ 2022.


Crystal Club of the department of chemistry has organized hand on training programme on perfume making and different herbal product making for the post graduate students of Chemistry department on occasion of Science day on 28<sup>th</sup> February 2022.

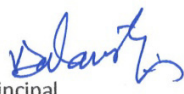
Objective behind this workshop is developed skill among the students and make them aware about the small scale industries and developed interest about the self employment and small entrepreneurship.

The programme was started with the inauguration of workshop at the hands of the Respected Principal Dr. V.D. Nanoty sir. Dr. Poonam Agrawal, Head department of chemistry and organizing secretary of this workshop gave the introductory speech. During this workshop hands on training was given to the students for the preparation of various herbal product like soap, perfume, airfreshner, skin glowing cream, mosquito repellent and floor cleaner etc.

Total 40 students of P.G. Chemistry get benefited by this workshop. Dr. Aashish sarap and Dr. Kavita Heda took special efforts for the success of this workshop.

  
Head & Coordinator  
Dr. P.T. Agrawal

  
Dr. R. L. Rahatgaonkar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,

  
Principal  
Shri RLT College of Science, Akola  
Shri R.L.T. College of Science

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### ONE DAY SKILL DEVELOPMENT WORKSHOP ON “MAKING HERBAL PRODUCTS”

Date: 25/03/2022

One day workshop on 25/03/22 “Making Herbal Products” organized to train the women from adopted village Aapoti (khurd). Women cell of Shri RLT college of Science, Akola organized the skill development training program to Empower the women. Hand on training was given to some of the ladies from village. The guest speaker was Dr. Poonam Agrawal, Associate professor, Head Dept of Chemistry. The workshop was presided by Dr. A. S. Sawarkar, Department of Zoology, Dr. Sujata Tadam, Chairman of Women cell, Dr. Kavita Heda, Dr. Anjali Thakrey, Prof. Vaishali Badgujar, Smt. Jyoti Gite members of Women cell were present. Dr. Ashish Sarap, Crystal Club member had given demonstration, How to make Herbal products. NSS program officer Dr. Rashmi Joshi Sawalkar, Samadhan Munde, Co officers Mr Shailesh Jaiswal, Miss Sonali Gawande took efforts to make the event successful.

Web Link for the workshop: <https://www.rltsc.edu.in/2022/04/04/one-day-workshop-on-making-herbal-products/>



  
Coordinator

**Dr. Rashmi Joshi Sawalkar**  
Assistant Professor & NSS P.O.,  
Shri R.L.T. College of Science, Akola

  
Principal

Principal  
Shri R.L.T. College of Science  
Civil Lines, Akola (M.S.)

## State Level Conference of Innovative Minds

### Department of Chemistry

#### Organization of State Level Conference of Innovative Minds:

##### World Creativity and Innovation Day 21st April -2022

Department of chemistry is always ahead for conducting various innovative activities. In order to honour the spirit of young minds in collaboration with education office, Akola the department of chemistry organizes **state level conference on innovate minds** on the eve of World creativity and Innovation day on 21<sup>th</sup> April 2022. Students from various school and colleges participated in this conference. Students who were awarded with inspire award delivered oral presentation of their innovative ideas. Total 33 oral and many projects are demonstrated by the students. Hon'ble District Collector, Respected Neema Arora madam was the inaugurator of this function. Hon'ble Adv. Motising Mohta sir, the president of the B.G.E. Society was the president of the function. The programme was graced by the presence of Hon'ble Dr. Suchita Patekar madam, Education officer of Akola district, Hon'ble Secretary Pavan Maheshwari sir honorary secretary, The B.G.E. Society and Respected Principal DR. V.D. Nanoty sir. More than **200 students** from various school and colleges participated in this conference.

#### Online Innovative magazine Publication on the eve of World Creativity and Innovation Day 21st April -2022:

P.G. Department of Chemistry had published online magazine on world Innovation day on the eve of World creativity and Innovation day on 21<sup>th</sup> April 2022. at the hands of Hon'ble District Collector of Akola district. Thirty Six students of P. G. Department of Chemistry gave one Innovative theme/ Idea and these concepts were compelling in the form of magazine which was published online on 21<sup>th</sup> April 2022. **Dr. Poonam Agrawal** was the coordinator and Editor of this magazine and **Dr. Kavita Heda and Dr. Aashish Sarap** was the member of editorial board.



**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**



*P.T. Agrawal*  
 Head & Coordinator  
 Dr. P.T. Agrawal

*R. L. Rahatgaonkar*  
 Dr. R. L. Rahatgaonkar  
 IQAC Co-ordinator  
 Shri R.L.T. College of Science,  
 Akola

*R. L. Rahatgaonkar*  
 Principal  
 Shri RLT College of Science, Akola

## **One Week Certificate Course on ‘Skill Development for Pharmaceutical Industry’**

One week Certificate Course on

### **“Skill Development for Pharmaceutical Industry”**

Jointly organized by Microbiology departments of Shri. R.L.T College of Science, Akola and Shankarlal Khandelwal College, Akola and Global Institute for Self-Motivation

Date: 9/05/22-15/05/22

The Indian pharmaceutical industry is the world's 3rd largest by volume and 14th largest in terms of value. Major Segments of Pharmaceutical Industry are Generic drugs, OTC Medicines and API/Bulk Drugs, Vaccines, Contract Research & Manufacturing, Biosimilars & Biologics. India has the second-highest number of US FDA approved plants outside the US and is a global leader in the supply of DPT, BCG, and Measles vaccines. India accounts for 60% of global vaccine production, contributing 40-70% of the WHO demand for Diphtheria, Tetanus and Pertussis and Bacillus Calmette–Guérin vaccines, and 90% of the WHO demand for the measles vaccine. India is the largest provider of generic drugs globally. Access to affordable HIV treatment from India is one of the greatest success stories in medicine. India is one of the biggest suppliers of low-cost vaccines in the world. Because of the low price and high quality, Indian medicines are preferred worldwide, thereby rightly making the country the “Pharmacy of the World”. Pharma sector currently contributes to around 1.72% of the country's GDP. Owing to India being a major component of the country's foreign trade, it brings with attractive avenues and opportunities for the youth.

With this increase in the global pharmaceutical industry opportunities in India, it is important to inform and prepare the rural youth about the job opportunities in the same. The Department of Microbiology of Shri. R.L.T College of Science, Akola and Shankarlal Khandelwal College, Akola and the Global Institute for Self-Motivation undertook this task and jointly organized One week Certificate Course on “Skill Development for Pharmaceutical Industry” for the students in Vidharbha region. This was a novel program initiated by the Berar General Education Society and Shikshan Prasarak Mandal, Akola. The mode of the workshop was both offline and online for the comfort of the participants.

The inauguration ceremony of the workshop was conducted in the Auditorium of Shri. R.L.T College of Science, Akola. Adv. M.G Mohta (President, The B.G.E. Society, Akola) was the inaugurator of the workshop. The dais was graced by Mr. P.N Maheshwari (Hon. Secretary, The B.G.E Society, Akola), Prof. R.D. Chaware (Vice-president, Shikshan Prasarak Mandal, Akola), Shri. A.Y. Kulkarni (Vice-president and Treasurer, Shikshan Prasarak Mandal, Akola), Dr. V.D. Nanoty (Principal, Shri. R.L.T College of Science, Akola), Dr. J.M. Saboo



### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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(Principal, Shankarlal Khandelwal College, Akola), Dr. R.L. Rahatgaonkar (IQAC coordinator, Shri. R.L.T College of Science, Akola), Dr. A.R. Deshpande (Head, Department of Microbiology, Shankarlal Khandelwal College, Akola), and the Resource person of the event Dr. Anil Fokmare (Director, Global Institute for Self-Motivation).

The participants came from various colleges in Vidharbha region including Shri. R.L.T College of Science, Akola, Shankarlal Khandelwal College, Akola, Shri. Shivaji College of Science, Arts, Commerce, Akola, and Shri. D.M. Burungule Science and Arts College, Shegaon. About 143 participants were involved in the workshop.

The inaugural ceremony was followed by the first day of the offline course. In the first session, Dr. Anil Fokmare introduced the students to basics of pharma industry, working and daily protocols of operations followed in the pharma industry. His interactive session also covered the importance of Good Manufacturing Practices (GMP) and the methods to maintain GMP standards in the industry. He made the students aware of the standard operating procedures that enable smooth and accurate functioning in industries. Through his presentation, he showed various areas in a working pharma laboratory and the do's and don'ts in these areas. He explained how simple habits can lead to maintenance of the GMP protocol and save the products and batches from contamination and spoilage.

The workshop also focused on the instruments and equipment quantification in pharma industry with respect to the design, installation, operating, and performance. It also included the certification and training details in pharmaceutical labs. The participants learnt about the role of microbiology laboratory in pharmaceutical research sector along with its key components like sterilization, safety measures, and machines. Good laboratory practices (GLP) are an important part of any laboratory. Similarly, GLP are followed in pharma industries to ensure that the products are accurate. Dr. Anil Fokmare educated the students regarding the various methods of GLP and the importance of following GLP protocols.

In the second session, the workshop was graced by Shri. V. Ranganathan, Ex-chief secretary of Maharashtra state. He is a retired civil servant from the IAS cadre with decades of distinguished service at senior level in state and central government. He currently devotes his time to social organizations and advises a prestigious trust and coordinates its activities. He encouraged the students to attend such workshops and emphasized on the need to make the students ready to face the corporate world. He also congratulated the associated colleges, staff and students for organizing the workshop.

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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Dr. Anil Fokmare concluded the session with feedbacks from the participants. The participants expressed that the 7-hour workshop was interactive and valuable in terms of learning.

The second day of the offline workshop was conducted in the Auditorium of Shri. R.L.T College of Science, Akola. The participants were exposed to various opportunities in pharmaceutical industries and the ways they can apply for specific positions. They also learnt about the career opportunities associated with pharma sector including clinical data management, analytical and green chemistry, regulatory affairs, consultation, sales representative, and others. Not only this, they were also informed about the certification and experience required for these jobs and the companies that hire freshers for work. The resource person also emphasized that candidates from all fields of life science and chemical science are employed and trained according to their requirements and area of expertise.

The participants were given a general idea about the instruments by visiting the laboratories of the college. This included microbiology, biochemistry, and chemistry labs. The session was progressed by exhibiting the techniques used in a microbiology lab which included basic tests for calibration, enumeration, and sensitivity and advanced tests like PCR and chromatography. During the lab visit, the participants were demonstrated the protocol of dressing and the importance of wearing the required attire which included cap, gown, shoe covers, and hand gloves. The hazards and problems associated with not following these protocols were also discussed. The laminar air flow containing HEPA filters were also shown and the importance of having an aseptic condition in microbiology was discussed. The other instruments were autoclave, hot air oven, incubator, ultrasonic, pH meter, colorimeter, spectrophotometer, and other glassware.

After the instrumentation session, the participants were exposed to the techniques used in microbial identification. This included various media used in the lab along with other conditions that need to be maintained in order to promote the growth of microbes.

The day was concluded by a mock drill of the SOPs followed in a microbiology lab in pharma and the students actively participated in it.

The third day of the workshop was conducted in the Bhausaheb Godbole Sabhagruh of Shankarlal Khandelwal College, Akola). The president of the event was Shri. Gopalji Khandelwal (Secretary, Shikshan Prasarak Mandal, Akola) and the guests of honor were Ady. M.G. Mohta (President, The B.G.E. Society, Akola), Shri. P.N Maheshwari (Hon. Secretary, The B.G.E Society, Akola), Shri. A.Y. Kulkarni (Vice-president and Treasurer, Shikshan

### **CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**

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Prasarak Mandal, Akola), Dr. Anil Fokmare (Director, Global Institute for Self-Motivation), Dr. V.D. Nanoty (Principal, Shri. R.L.T College of Science, Akola), and Dr. J.M. Saboo (Principal, Shankarlal Khandelwal College, Akola).

The first session was started with feedbacks from the participants about the overall workshop of the initial two days. The participants expressed pleasure and gratitude that both the societies and colleges conducted such an informative workshop. Most students accepted that they were worried that a 7-hour workshop every day would be monotonous and involve lots of reading and self-study, but they were happy that the course was informative, well-structured, engaging, and easy to understand. Many participants appreciated Dr. Anil Fokmare for being very enthusiastic and keeping them captivated with his activities. They also shared that the assignments and projects given to them were benefitting and promoted deeper understanding of the subject.

The highlight of this day was a 'Book launching event' of 3 Practical handbooks—i) Applied microbiology and biotechnology, ii) Environmental microbiology and biodiversity, and iii) Immunology and medical microbiology. These books have been authored and edited by the microbiology teachers of Sant Gadge Baba Amravati University, Amravati and published by My Rays Book Publication Center founded by Mr. Rajesh Dhakane and powered by International journal of microbial science.

The workshop was continued after the feedback session and book launch event. This day of the workshop focused on Good Documentation Practices (GDP) in pharma sector. Dr. Fokmare explained that to ensure smooth functioning of any industry, it is important to follow the guidelines mentioned for the documentation of every action. Documentation is an authenticated proof for GMP compliance and is a crucial part of the quality assurance system. Before documenting, the processes are validated, instruments are calibrated, staff is trained to maintain protocols, and SOPs are established. The documentation is examined during routine and annual audits and any problems in the documentation could lead to termination of the batch of products or cancelation of licenses. These were discussed in the workshop.

The workshop ended with a mock interview session to build confidence in the participants. The students were interviewed and were provided constructive feedbacks on their performance. They were also conveyed if they would be selected or not on the basis of the interview. The day was filled with hands on training and interview demonstration and the participants benefitted from it.

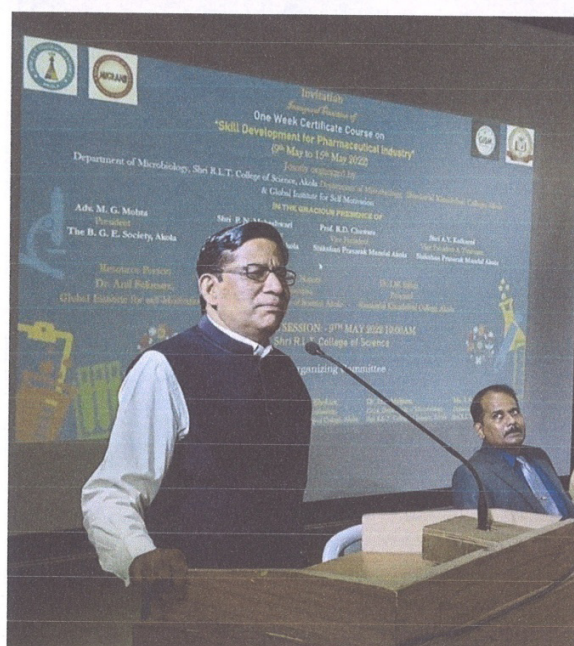
## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

The last 3 days of the workshop was conducted online using the Google Meet platform. The participants were asked to keep the camera on to ensure complete attention. These days emphasized on providing the students with information regarding the process of GDP and GMP compliance and the systems of auditing. Dr. Fokmare focused on the importance of document compliance and errors that occur during the same. He explained how 'root cause analysis' is done after finding the errors. The 'corrective action preventive plan' was also discussed by giving some examples from the industry. The Code of federal regulation (CFR) was explained along with its standards. Data integrity is simply the maintenance, assurance, accuracy and consistency of data and is of utmost importance. It can lead to many repercussions if not dealt with care. It aims to prevent any unwanted and unintended changes to information.

The one-week workshop was successfully conducted by the combined efforts of all participants, resource person, teaching and non-teaching staff of Shri. R.L.T College of Science and Shankarlal Khandelwal College, Akola, and the Berar General Education Society and Shikshan Prasarak Mandal, Akola.

The poster is for an inauguration event. At the top, it says 'Invitation' and 'Inaugural Function of One Week Certificate Course on "Skill Development for Pharmaceutical Industry" (9<sup>th</sup> May to 15<sup>th</sup> May 2022)'. It is jointly organized by the Department of Microbiology at Shri R.L.T. College of Science, Akola, and the Department of Microbiology at Shankarlal Khandelwal College, Akola, along with the Global Institute for Self-Motivation. The event is held in the presence of several dignitaries: Adh. M. G. Multa (President, The B. G. E. Society, Akola), Shri. P. N. Maheshwari (Hon. Secretary, The B. G. E. Society, Akola), Prof. R. D. Chawate (Vice-President, Shikshan Prasarak Mandal Akola), and Shri. A. Y. Kulkarni (Vice-President & Treasurer, Shikshan Prasarak Mandal Akola). The Resource Person is Dr. Anil Fokmare (Global Institute for self-Motivation). The event is presided over by Dr. V. D. Nazoty (Principal, Shri R.L.T. College of Science, Akola) and Dr. J. M. Saboo (Principal, Shankarlal Khandelwal College, Akola). The inaugural session is on 9<sup>th</sup> May 2022 at 10:00 AM in the Auditorium, Shri R.L.T. College of Science. The organizing committee includes Prof. Dr. A. R. Dehpande (Head, Department of Microbiology, Shankarlal Khandelwal College, Akola), Prof. Dr. D. D. Bhokare (Department of Microbiology, Shankarlal Khandelwal College, Akola), Dr. H. S. Malpani (Head, Department of Microbiology, Shri R.L.T. College of Science, Akola), and Ms. S. N. Gaware (Department of Microbiology, Shri R.L.T. College of Science, Akola). The poster features logos of the organizing institutions and various scientific icons like a microscope, test tubes, and a flask.

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



Participants, resource person, and staff members at the workshop at Shri. R.L.T College of Science, Akola

### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

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## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

D. M. Buningule College, Shigaon

Sr. No.	Name of Students	Class	Amount	Signature
46	Saba Faidor Faidouy Kenia	BSc III	550/-	[Signature]
47	Neha A. Khan	BSc III	550/-	[Signature]
48	Azabhat Parveen Khan	BSc III	550/-	[Signature]
49	Munazza Bano	BSc III	550/-	[Signature]
50	Nisha S. Sonane	BSc III	550/-	[Signature]
51	Kirti An R. Nimed	BSc III	550/-	[Signature]
52	Kupali P. Khaitanor	BSc III	550/-	[Signature]
53	Savni S. Trivedi	BSc III	550/-	[Signature]
54	Anjali R. Sawarde	BSc III	550/-	[Signature]
55	Sneha P. Chaturkar	BSc III	550/-	[Signature]
56	Jyoti K. Tambate	BSc III	550/-	[Signature]
57	Ritika S. Sankar	BSc III	550/-	[Signature]
58	Hemant R. Ghatge	BSc III	550/-	[Signature]
59	Pushkeshwar Dahi	BSc III	550/-	[Signature]
60	Rohit M. Patil	BSc III	550/-	[Signature]

One Week Certificate Course On  
Skill Development For Pharmaceutical Industry  
9<sup>th</sup> May To 15<sup>th</sup> May 2022

Jointly Organized By  
Department of Microbiology, Shri. R. L. T. College of Science, Akola  
Department of Microbiology, Shri. R. L. T. College of Science, Akola  
And Global Institute Of Self-Motivation

S. N.	NAMED OF STUDENT	YEAR	9/05/2022	10/05/2022	11/05/2022
38	Sunil D. Chaturkar	B.Sc. III	[Signature]	[Signature]	[Signature]
39	Sanku D. Chaturkar	B.Sc. III	[Signature]	[Signature]	[Signature]
40	Shubh T. Kulkarni	B.Sc. III	[Signature]	[Signature]	[Signature]
41	Anjali N. Bhamburde	B.Sc. III	[Signature]	[Signature]	[Signature]
42	Vandana A. Lohande	B.Sc. III	[Signature]	[Signature]	[Signature]
43	Pooja S. Patil	B.Sc. III	[Signature]	[Signature]	[Signature]
44	Kirti D. Shinde	B.Sc. III	[Signature]	[Signature]	[Signature]
45	Neha K. Bhamburde	B.Sc. III	[Signature]	[Signature]	[Signature]
46	Kupali P. Khaitanor	B.Sc. III	[Signature]	[Signature]	[Signature]
47	Diksha S. Mulatkar	B.Sc. III	[Signature]	[Signature]	[Signature]

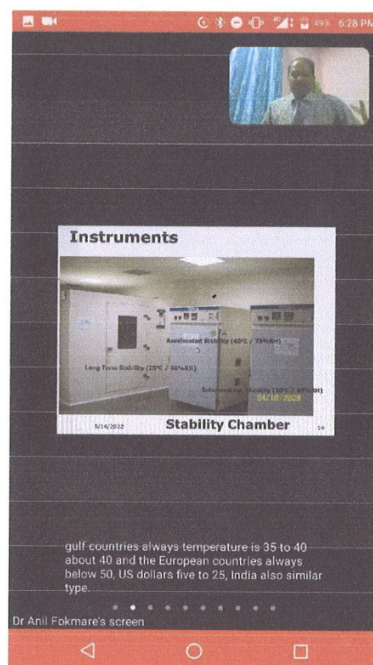
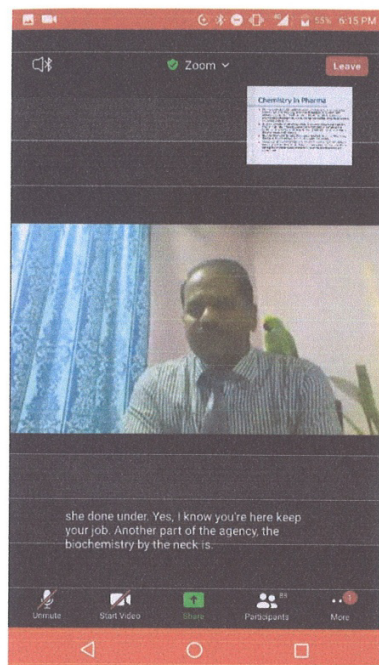
One Week Certificate Course On  
Skill Development For Pharmaceutical Industry  
9<sup>th</sup> May To 15<sup>th</sup> May 2022

Jointly Organized By  
Department of Microbiology, Shri. R. L. T. College of Science, Akola  
Department of Microbiology, Shri. R. L. T. College of Science, Akola  
And Global Institute Of Self-Motivation

S. N.	NAMED OF STUDENT	YEAR	9/05/2022	10/05/2022	11/05/2022
1.	MANISH BORKAR	B.Sc. III	[Signature]	[Signature]	[Signature]
2.	KOMAL KORKANE	B.Sc. III	[Signature]	[Signature]	[Signature]
3.	MANASI GALANI	B.Sc. III	[Signature]	[Signature]	[Signature]
4.	SAKSHI TAKRANI	B.Sc. III	[Signature]	[Signature]	[Signature]
5.	SAKSHI KATOLE	B.Sc. III	[Signature]	[Signature]	[Signature]
6.	NIDHI DIXIT	B.Sc. III	[Signature]	[Signature]	[Signature]
7.	VARDEHI KULKARNI	B.Sc. III	[Signature]	[Signature]	[Signature]
8.	PALLAVI INGLE	M.Sc. I BCM	[Signature]	[Signature]	[Signature]
9.	PRANALI RONGHE	M.Sc. I BCM	[Signature]	[Signature]	[Signature]
10.	VAISNAVI KOKATE	M.Sc. I BCM	[Signature]	[Signature]	[Signature]
11.	KRISHNA THAKRE	M.Sc. I BCM	[Signature]	[Signature]	[Signature]
12.	SUMEDI WAHURWAGH	M.Sc. I BCM	[Signature]	[Signature]	[Signature]
13.	ADIL MD. SHEKH	M.Sc. I BCM	[Signature]	[Signature]	[Signature]
14.	SHIVANI DEHMUKH	M.Sc. I BCM	[Signature]	[Signature]	[Signature]
15.	KIRAN CHAUBE	M.Sc. I BCM	[Signature]	[Signature]	[Signature]
16.	MD. MUBASSHIR M.	M.Sc. I BCM	[Signature]	[Signature]	[Signature]
17.	PRATIKSHA LAJURKAR	M.Sc. I BCM	[Signature]	[Signature]	[Signature]
18.	ROSHNI TIWARI	B.Sc. III	[Signature]	[Signature]	[Signature]
19.	ASHWARYA SAWANT	M.Sc. II MCB	[Signature]	[Signature]	[Signature]
20.	RITUJA PAGRUT	M.Sc. II MCB	[Signature]	[Signature]	[Signature]
21.	TU SI JOSHI	M.Sc. II MCB	[Signature]	[Signature]	[Signature]
22.	KRISHNA BAOBHA	B.Sc. III	[Signature]	[Signature]	[Signature]
23.	SAMRUDDHI PATIL	B.Sc. III	[Signature]	[Signature]	[Signature]
24.	KUNIKA PARMAR	B.Sc. III	[Signature]	[Signature]	[Signature]
25.	ACHAL MASANE	M.Sc. II MCB	[Signature]	[Signature]	[Signature]
26.	PRIVANKA CHAUHAN	M.Sc. II MCB	[Signature]	[Signature]	[Signature]
27.	PALLAVI KAMBLE	M.Sc. II MCB	[Signature]	[Signature]	[Signature]
28.	VAISHNAVI RAUT	B.Sc. III	[Signature]	[Signature]	[Signature]
29.	DIPALI TAYDE	M.Sc. II MCB	[Signature]	[Signature]	[Signature]
30.	VAISHNAVI INGLE	M.Sc. II MCB	[Signature]	[Signature]	[Signature]
31.	JANVI CHAUBEY [Jadhav]	M.Sc. I MCB	[Signature]	[Signature]	[Signature]
32.	SAHRVARI DESHPANDE	M.Sc. I MCB	[Signature]	[Signature]	[Signature]
33.	NIHAL PANDAV	M.Sc. I BCM	[Signature]	[Signature]	[Signature]
34.	MIRINALINI ALAP	M.Sc. II MCB	[Signature]	[Signature]	[Signature]
35.	SAMIKSHA INGLE	B.Sc. III	[Signature]	[Signature]	[Signature]
36.	PAYAL VAIDYA	B.Sc. III	[Signature]	[Signature]	[Signature]
37.					

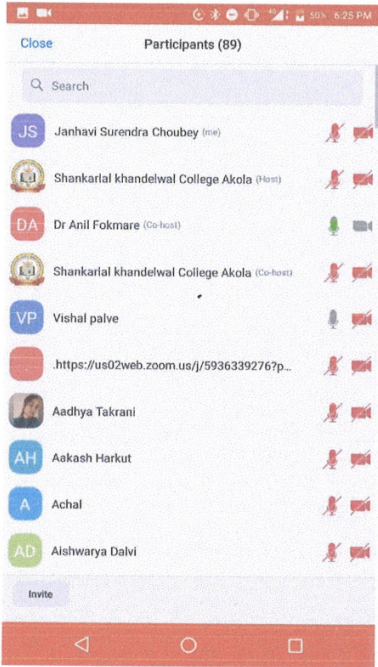
Photo: Attendance of participants from various colleges

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

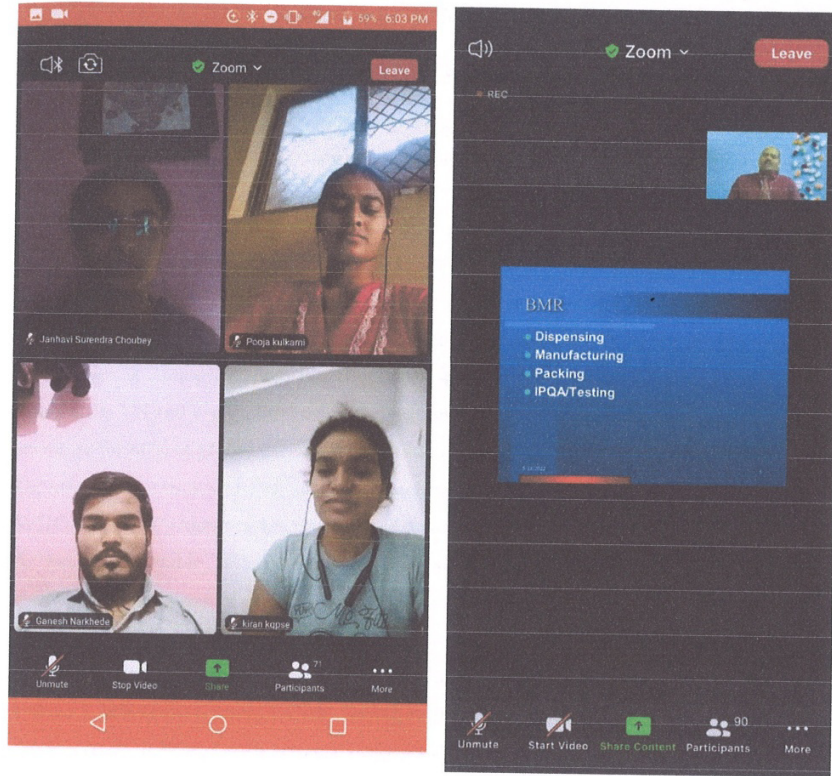


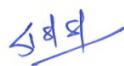



**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**

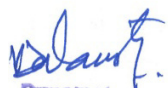


### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



  
Dr. R. L. Rahatgaonkar  
IQAC Co-ordinator  
Shri R.L.T. College of Science,  
Akola

  
Dr. Harish S. Malpani  
Asst. Professor & Head  
Department of Microbiology & Biochemistry

  
Principal  
Shri R.L.T. College of Science



The Berar General Education Society's  
**SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA**  
Department of Physical Education and Sports

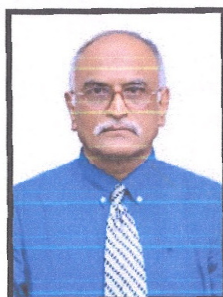


Research Center – Inter-disciplinary Studies (Physical Education)  
Organized Guest Lecture on

## **PLAGIARISM AND ETHICS**

Academic Enrichment Activity for Faculty Members of Higher Education  
and Research Scholars

**Resource Person**



**Dr. Anil Karwande**

Founder of NET JRF GURUKUL, Former Principal IDCPE, Nagpur  
President, Kreedha Bharati Vidharbha Prant and Maharashtra  
B.P.E., M.P.E., UGC-NET, Ph.D. (Physical Education)  
Diploma in Sports-Medicine and Sport Physio-Therapy

**Date:** 26<sup>th</sup> July 2022

**Time:** 12:30 PM

**Venue:** Digital Room No. 1, Shri R.L.T. College of Science, Akola

### **Objectives of the Guest Lecture**

The proposed academic enrichment activity enables the participants:

1. To write and publish good quality research works.
2. To identify and report the unethical practices and misconduct in research.
3. To improve the quality of research and publication.

**Dr.V.D. Nanoty**

Principal & Chairman-RAC  
Shri R.L.T. College of Sci. Akola

**Dr. R. D. Chandrawanshi**

DPES & Member Secretary-RAC  
Physical Education

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION



The Berar General Education Society's  
**SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA**  
 Department of Physical Education and Sports  
 Research Center – Inter-disciplinary Studies (Physical Education)  
 Organizes Guest Lecture on  
**PLAGIARISM AND ETHICS**



Academic Enrichment Activity for Faculty Members of Higher Education and Research Scholars

Resource Person



Date: 26<sup>th</sup> July 2022

Time: 12:30 PM

Venue: Digital Room No. 1,  
Shri R.L.T. College of Science, Akola

**Dr. Anil Karwande**

Founder of NET JRF GURUKUL, Former Principal IDCPE, Nagpur, President, Kreedha Bharati Vidharbha Prant and Maharashtra B.P.E., M.P.E., UGC-NET, Ph.D. (Physical Education), Diploma in Sports-Medicine and Sport Physio-Therapy

Dr.V.D. Nanoty  
Principal & Chairman-RAC  
Shri R.L.T. College of Sci. Akola

Dr. R. D. Chandrawanshi  
DPES & Member Secretary-RAC  
Physical Education

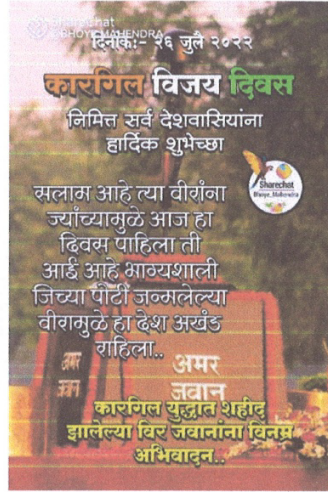
Digital Flex

### List of Participants

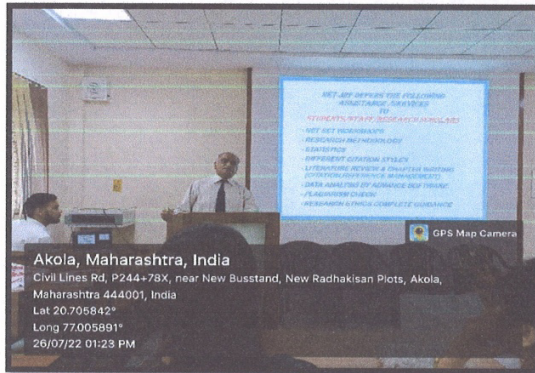
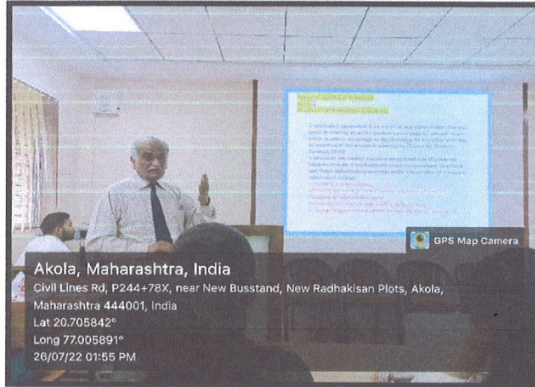
(Faculty Member, Supervisor, P.G. Student & Researcher)

Sr. No.	Name	Sr. No.	Name
1	Mr. Vishwajitsingh Daberao	20	Dr. T.P. Agashe
2	Ms. Vaibhavi Topale	21	Mr. R.B. Ghayalkar
3	Ms. Lekha Upadhyay	22	Dr. Chandrashekhar Kadu
4	Ms. Anjali Jemini	23	Dr. Sagar Narkhede
5	Ms. Rutuja Badhe	24	Dr. Nitin Deulkar
6	Ms. Namtra Gaikwad	25	Mr. Yash Waghmare
7	Ms. Poonam Gangane	26	Mr. A.B. Khedkar
8	Mr. Mangesh Ubale	27	Ms. Radhika Biyani
9	Dr. R.L. Rahatgaonkar	28	Ms. Gauri Mahulkar
10	Mr. P.P. Gedam	29	Ms. Shraddha Dalal
11	Mr. S.R. Jaiswal	30	Dr. A.A. Sangole
12	Mr. S.V. Madavi	31	Ms. S.N. Gawande
13	Mr. S.C. Zayate	32	Dr. A.S. Sawarkar
14	Dr. P.R. Kawale	33	Dr. Rashmi Joshi
15	Dr. S.R. Kolhe	34	Ms. Vaishali Badgujar
16	Dr. P.M. Khadse	35	Dr. Kavita Heda
17	Dr. V.D. Deotale	36	Dr. K.R. Lathi
18	Dr. H.S. Malpani	37	Dr. V.D. Nanoty
19	Dr. A.G. Sarap	38	Dr. R.D. Chandrawanshi

**CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION**



### CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION





PRESS NOTE

**'Research should be based on innovation, truth'**

■ District Correspondent  
AKOLA, July 31

"RESEARCH boosts expertise in its respective field. It is a lag in terms of research. Further, researchers should be aware of ethical practices and stay away from plagiarism. Research should be based on innovation and truth," said Dr Anil Karvande, Founder of Prasanna Prayas The Defence Gurukul, Nagpur.

He was addressing a special lecture on 'Inter-disciplinary Research in Physical Education: Piracy & Research Ethics' at local Shri RLT Science College, Physical Education & Sports Department of the college had organised the lecture. Former Principal of College

of Physical Education, Nagpur, Ishwar Deshmukh also graced the occasion.

At the outset, Principal Dr Vijay Nanoty felicitated the keynote speaker and the guest and introduced the topic in his brief introductory remarks.

Prof Arun Khedkar introduced the guests. The programme as attended by the staff of different departments of the college, researchers, and PG students of Physical Education.

Dr Rajesh Chandravanshi conducted the programme and also proposed a vote of thanks.

Mangesh Ubale, Dr Kanchan Lathi, Dr. Taresh Agashe and Post Graduate students of Microbiology took efforts for the success of the programme.

The Hitavada Vidharbha Line 31<sup>st</sup> July 2022 Page No. 04



## **NET JRF GURUKUL PLAN,ACT,ACHIEVE**

**From: Dr.Anil Karwande**  
**Former Principal IDCPE,**  
**Nagpur**  
**Date: July 22, 2022**

**To,**  
**Dr.V.D.Nanoty,**  
**Principal & Chairman-RAC.**  
**Shri R.L.T. College of Sci.Akola**

**Respected Sir,**

*I am writing this letter to thank you for the wonderful workshop organized for Faculty Members of Higher Education and Research Scholars.*

*Not only was the Workshop organized in an extremely professional manner but also with the vision of spreading awareness about Academic integrity to develop quality research for the welfare of the nation, such type of academic events are the need of the hour to work towards developing a thriving ethical culture in the country and to improve the delivery and functionality of academic and research publication in higher education system globally.*

*I also congratulate Dr.R.D.Chandrawanshi for his active coordination of the successful conduct of the event, thanks for inviting me and providing learning opportunities for professionals.*

*I look forward to future events as well.*

*Anil Karwande*

Dr. Anil Karwande  
FOUNDER .NJG.  
FORMER PRINCIPAL  
IDCPE ,NAGPUR

9226194510



[kidcpe\\_anil@rediffmail.com](mailto:kidcpe_anil@rediffmail.com)

