



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

## Report on Research Activity Session 2019-20

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### 1. Paper Publication in National / International Journal

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

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

Sr.	Department	Seminar, Workshop/ Research Related Activity	State and National Level	Date
1.	Shri. R.L.T. College of Science, Akola, Dept of Fishery, GOVT of Maharashtra, office of the Asst Commissioner of Fisheries(Tech), Akola	Skill develop Workshop on Fresh Water aquaculture	State Level	2.01.2020 to 4.01.2020
2.	Shri. R.L.T. College of Science, Akola	National Conference on "Recent Trends in Life Science for sustainable Development"	National Level	24.01.2020
3.	Department of Microbiology, Shri. R.L.T. College of Science, Akola	International Guest Lecture on Microbiology	International Level	13.2.2020
4.	Department of Zoology	E- Certificate Course in Sericulture (Online)	National Level	11/05/2020 To 14/05/2020
5.	Chemistry Department	Certificate course in Spectroscopic Technique in Chemistry (online)(STC 2020)	State Level	4.4.2020 to 11.05.2020
6.	Chemistry Department	National Online Workshop on Operating Techniques of Scientific Instruments in Laboratory (OTSIL-2020)	National Level	11.05.2020 to 15.05.2020
7.	Shri. R.L.T. College of Science, Akola	State Level Online Workshop on Intellectual Property Rights(IPR-2020)	State Level	23.05.2020 to 29.05.2020

**3. Books and Chapters in edited Volumes / Books published, per Teacher during the year**

Sr.	Department	Name of Author	Title of book / Unit	Name of Publication	Date/ Year
1.	Chemistry	Dr. K.M. Heda	Practical book for B.Sc.II year	Pragati Prakashan. Meerut	2019
2.					

**4. Resource Person**

Sr.	Name of Resource Person	Key Note Address/ Invite Talk	Name of Institute/ Place	Date
1.	Dr. R.D. Chandrawanshi	Invite Talk (National Conference)	S.N. Arts & U.K. Commerce College, Akola	21 <sup>st</sup> August 2019
		Invite Talk (International Conference)	College of Management and Computer Science, Yavatmal & Smt. N.W. Arts	27 <sup>th</sup> & 28 <sup>th</sup> December 2019

			College, Yavatmal	
2	Dr. A. S. Sawarkar	Invite Talk	Shankarlal Khandelwal College, Akola	10.8.2019
		Invite Talk	Biyani Science College, Amravati	3- 4.10.2019
3.	Dr. R.P.Joshi Sawalkar	Waste to Energy	Shri RLT College of Science, Akola.	28/05/2020
		Business Opportunities in waste to Energy Sector		28/05/2020
		How to create and demonstrate Google Classroom.		10/06/2020

#### 5. Achievements /Awards for Innovation, Research won by Teachers during the year

Sr. No	Title of the Awards	Name of the Teacher	Awarding Agency	Date of Award	Category
1	2 <sup>nd</sup> Prize for Best poster Presentation	Dr. S.R. Kohchale	11 National Conference, by Seth Kesarimal Porwal College of Arts and Science, Kamptee and ISCAS	20- 21. 12 2019	Poster Presentation
2	1 <sup>st</sup> Prize for Best Oral Presentation	Dr. S.R. Kohchale	National Conference, Shri R.L.T College of Science, Akola	24 .01.2020	Oral Presentation
3	2 <sup>nd</sup> Prize Best Poster Presentation	Dr. S.R. Kohchale	National Conference, Dr. Ambedkar College, Nagpur	1.02.2020	Poster Presentation

#### 6. Achievements /Awards for Innovation, Research won by Research scholars/Students during the year

Sr. No	Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
2	2 <sup>nd</sup> Prize for Best Oral Presentation	Miss Kalpana Palaspagar (Research Scholar)	National Conference, Shri R.L.T College of Science, Akola	24 .01.2020	Oral Presentation
2	Best Oral Presentation	Miss Shraddha Akhare	National Conference,	24 .01.2020	Oral Presentation

		(M.Sc.II Chemistry)	Shri R.L.T College of Science, Akola		
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### 7. Orientation/ Refresher and Short Term Course

Sr.	Name of the Courses	Place	Duration	Sponsoring Agency
1.	<b>Dr. R.D. Chandrawanshi</b>			
	Refresher Course in Physical Education and Sports Science	UGC- HRDC Sant Gadge Baba Amravati University, Amravati	02 <sup>nd</sup> to 16 <sup>th</sup> March 2020	UGC- HRDC
2	<b>Dr. P.M.Khadse</b>			
	Short term course in (Research Methodology)	Academic staff college, SGB Amravati university, Amravati	19/08/2019 to 24/08/2019	UGC-Human Resource development center ,
3	<b>Dr. R.P.Joshi Sawalkar</b>			
	Orientation Programme	HRDC Sant Gadge Baba Amravati University, Amravati.	21 Days (15 <sup>th</sup> July to 5 <sup>th</sup> August 2019)	M.H.R.D.
	NSS Orientation	ETI Ahmednagar College, Ahmednagar.	7 days (24 <sup>th</sup> to 30 <sup>th</sup> August 2019)	NSS- Empanelled Training Institute Ahmednagar College
	FDP on Creating MOOCs	Ramanujan College, Delhi	15 days (18 <sup>th</sup> May to 3 <sup>rd</sup> June 2020)	M.H.R.D.
4	<b>Dr. A. A. Sangole</b>			
	1. Two Weeks Faculty Development Programme on " MANA GING ONLINE CLASSES and CO-CREATING MOOCS : 2.0 "	Teaching learning center Ramanujan College University Delhi	May 18 - June 03 , 2020 .	MHRDC
	2. "8th Online Short Term Course on E-Content Development"	Human Resource Development Centre, GUJARAT UNIVERSITY, Ahmedabad.	28/05/2020 to 03/06/2020	UGC-HRDC
	1. Two Weeks Faculty Development Programme on " MANA GING ONLINE CLASSES and CO-CREATING MOOCS : 2.0 "	Teaching learning center Ramanujan College University Delhi	May 18 - June 03 , 2020 .	MHRDC

### 8. AVISHKAR (Research Festival) University Level Participation

Sr.	Name of Student	Title of Project	Project Guide/Supervisor	Date/Place
1	Balraj Babulal Khuraniya	Cramation and its impact on the Environment	Dr. P.P. Deohate	14 and 15 Jan 2020 S.G.B.A.U, Amravati
2	Vishvajitsinh S. Daberao	Bacteria: Biocontrol agent	Dr. H.S. Malpani	
3	Nikita J. Upadhya	Preparation of Mosquito repellent herbal candle	Mr. S.V. Madavi	
4	Anuraj G. Chauhan	Fabrication of Nano Particle	Dr. R.S. Agrawal	
5	Neha Phafat	Sand Art	Dr. H.S.Malpani	
6	Shweta R. Rudrakar	Juvenile Delinquency...	Dr. H.S.Malpani	
7	Shraddha G. Akhare	Use of Biological made silver nanoparticle.....	Dr. P.T. Agrawal	
8	Trupti R. Ugale	Comparative analysis of ambient temperature	Mr. Vidyasagar	

### 9. AVISHKAR (Research Festival) State Level Participation

Sr.	Name of Student	Title of Project	Project Guide/Supervisor	Date and Place
1	Miss Shraddha Akhare	Use of Biological made silver nanoparticle.....	Dr. P.T. Agrawal	University of Mumbai on January 28-31, 2020.
2	Anuraj G. Chauhan	Fabrication of Nano Particle	Dr. R.S. Agrawal	