



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 Sant Gadge Baba Amravati University, Amravati
Re-accredited 'A' by NAAC, Bangalore With CGPA-3.12



**4th Cycle of NAAC
ASSESSMENT AND ACCREDITATION**

CRITERION I Curricular Aspects

**Key Indicator – 1.4
Feedback System**

1.4.1: Institutions obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on the institutional website.



The Berar General Education Society's Akola
SHRI RADHAKISAN LAXMINARAYAN TOSHNIWAL COLLEGE OF SCIENCE

Civil Lines, Akola, 444001 (Maharashtra)

Affiliated to Sant Gadge Baba Amravati University, Amravati

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

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COLLEGE CODE: 210

Principal: Dr. Vijay D. Nanoty

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REF. NO: RLT/IQAC/C-I/1.4

Date: 26/ 09/2022

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.

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



1.4.1: Institutions obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on the institutional website.

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Action taken by IQAC on Curricular Feedback

2017-18

The feedback on curriculum collected from different stakeholders for the sessions 2017-18 are as follows.

- The Students feedback on curriculum – 75
- The Parents feedback on curriculum – 15
- The Alumni feedback on curriculum – 10
- The Employer feedback on curriculum – 06

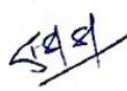
The suggestion given by the students, parents and Alumni in the feedback on course content, syllabus, infrastructural facility are analyzed and submitted to the IQAC and Principal of the college.

Suggestions by the Students, Alumni, Parents and Employer in the feedback -


1. There should be digital classroom in college (Alumni/ Parents)
2. There should be Network resource centre for the access of e-book, research projects and references.
3. Design the soft skill-based course or career oriented program

Action taken -

1. The college has been built three Digital Classrooms for UG and PG students, it also used for students seminar, group discussion and guest lecture and meeting of the students.
2. Sky Observation Club has open in the college for students of physics and mathematics to create interest about space science.
3. Department of Computer Science and IT organized Spoken Tutorial Project, IIT Bombay, for UG students.
4. NRC centre and *Inflibnet* Facility for teachers and students is open by Library department.


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Action taken by IQAC on Curricular Feedback

2018-19

The feedback collected from different stakeholders for the sessions 2018-19 are as follows.

The students feedback on curriculum – 75

The Parents feedback on curriculum – 25

The Alumni feedback on curriculum – 15

The Employer feedback on curriculum – 04

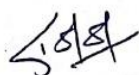
The feedback collected from different stakeholders are largely positive and suggestion given by the students, parents and Alumni in the feedback is analysis and submitted to IQAC and Principal of the college.

Suggestions by the Students, Alumni, Parents in the feedback -

1. Starts research program in chemistry (Parents).
2. To organize conference, seminar, workshop etc. (Alumni/ Parents)
3. Classes should be conducted in online mode for completion of syllabus
4. Design the soft skill-based course or career oriented program

Action taken -

1. The College has also introduced research centre in chemistry in this academic session
2. National Level workshop on Art of Perfume and Sap Making was organized for UG and PG students to develop entrepreneur skill by chemistry department.
3. e-pathshala has been started to complete the syllabus and course within time.
4. Soft Skill Program was organized by the college to provide guidance to enhance the skill of the students and to get information about job-oriented courses.



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**Action taken by IQAC on Curricular Feedback
2019-20**

The curricular feedback has been obtained from students, parents, alumni and teachers for the academic year 2019-20.

The Students feedback on curriculum – 75
The Parents feedback on curriculum – 15
The Alumni feedback on curriculum – 12
The Employer feedback on curriculum – 03


The suggestion given by the students, parents and Alumni in the feedback are analyzed and submitted to IQAC and Principal of the college for further course of action.

Suggestions by the Students, Alumni, Parents in the feedback -


1. Arranged career-oriented program
2. New courses should be open which develops entrepreneur skill
3. Industrial visit/ Educational Study tour to be organized
4. M.Sc. physics course must be introduced suggested by most UG students (Parents)
5. Career oriented course should be introduced suggested by the Alumni (Alumni)
6. To organize conference, seminar, workshop etc. (Alumni/ Parents)

Action taken -

1. Sericulture course has introduced under the wings of Zoology department for UG students to develop the entrepreneur skill.
2. Industrial visit/ Educational Study tour were arranged for UG student to CSIR IICT, Hyderabad as a part curriculum by chemistry department.
3. The College has introduced research centre in sports and physical education in this academic session and remarkably good response are given by the researcher from different states of India.
4. National Conference on Multidisciplinary Research in Science and Technology was organized


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**Action taken by IQAC on Curricular Feedback
2020-21**

The curricular feedback has been obtained from students, parents, alumni, employers and teachers for the academic year 2020-21.

The Students feedback on curriculum –	301
The Parents feedback on curriculum –	117
The Alumni feedback on curriculum –	16
The Employer feedback on curriculum –	06
The Teachers feedback on curriculum –	12

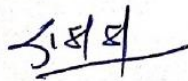
The suggestion given by the students, parents and Alumni in the feedback are analyzed and submitted to IQAC and Principal of the college for further course of action.

Suggestions by the Students, Alumni, Parents in the feedback -

1. Update the syllabus of computer sciences
2. Introduced some industry-oriented subjects (Parents)
3. Online Career oriented course should be introduced suggested by the Alumni (Alumni)
4. There should be silent zone in library
5. Interdisciplinary approach should be needed to the syllabus

Action taken -

1. Syllabus of computer science is already updated in 2018-19.
2. Astronomy and Sericulture course for UG students has started to develop the entrepreneur skill among students.
3. Online career oriented course for UG students discussed in the staff counseling meetings
4. Silent zone separately for boys and girls is maintained in the library
5. Faculty members conveyed this message to BOS for applying interdisciplinary approach.



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Action taken by IQAC on Curricular Feedback 2021-22

The curricular feedback has been obtained from students, parents, alumni and teachers for the academic year 2021-22.

The Students feedback on curriculum –	306
The Teachers feedback on curriculum –	10
The Parents feedback on curriculum –	17
The Alumni feedback on curriculum –	27
The Employers feedback on curriculum –	04

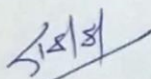
The suggestion given by the students, parents and Alumni in the feedback are analyzed and submitted to IQAC and Principal of the college for further course of action.

Suggestions by the Students, Alumni, Employers in the feedback -

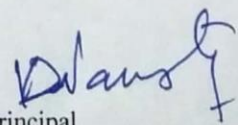
1. M.Sc. Chemistry laboratory must be renovated suggested by most PG students
2. M.Sc. physics course must be introduced suggested by most UG students (Parents)
3. Physical/ Inorganic chemistry practical syllabus of Sem I and II should be revised
4. Microbiology syllabus of UG/ PG should be revised
5. Considering the approach to professional career can include some basic pathology and biochemistry training in curriculum (Employer)
6. Awareness programme for NEP /Skill enhancement module should be incorporated (Alumni)

Action taken -

1. The college governing body always gives positive thought to the suggestion given by the student in feedback and M.Sc. chemistry laboratory has been renovated as per the suggestion of the PG students in this academic session.
2. The post graduate courses such as M.Sc. in Physics, Botany, Biochemistry, Computer science and zoology have been started in the college in this academic session.
3. A letter to BOS, Chairman of Chemistry about omission of difficult portion of chemistry practical syllabus such as inorganic qualitative analysis as per suggested by students.
4. A letter of communication to BOS, Chairman of Microbiology regarding syllabus revision which is emphasizing on internship or field training in the syllabus.
5. The College organized workshop on NEP for the awareness among the students about NEP 2020. Our Principal Dr. V. D. Nanoty and Dr. Avinash Mohrail were the resource person for this campaign.
6. Basic pathology and biochemistry training course were conducted through internship.


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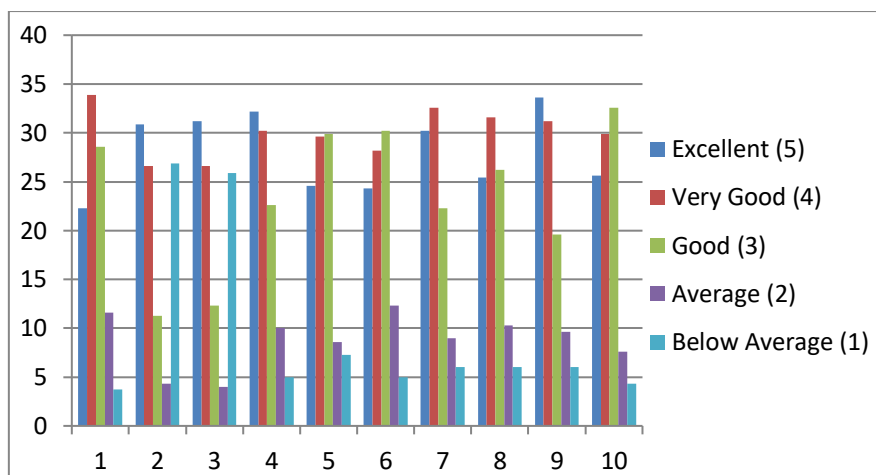
Students Feedback on Curriculum 2017-18

Analysis Report

Shri .R. L. T. college of science, Akola conducts online feedback by the student every semester, after the end of semester examination. The student's gives feedback for all the theory and practical courses taught to them in the semester. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	How do you rate the syllabus of the courses that you have studied in relation to its difficulty level	25	30.6	24	10.3	9.1
2	How do you rate the allocation of the units in the syllabus relevant to the courses	33	31.2	20.2	9.6	6
3	How do you rate the distribution of the contact hours among the courses component	31.2	26.6	12.3	4	25.9
4	How do you rate the evaluation scheme design for each of the course	32.8	30.2	22	10	5
5	How do you rate the current syllabus in the context of time span	20	30	30	11	9
6	How do you rate the courses in the context of employability	19.3	28.2	30.2	12.5	10
7	How do you rate the sequence in current syllabus to that of previous semester	30.2	32.6	22.3	9	6
8	How do you rate the courses in relation to real life application	20	30	30	11	9
9	How do you rate the effectiveness of the textbooks and reference books in the context of the course	22	28.2	27.2	12.5	10
10	How do you rate the competency expected out of the source	20	33	34.5	6	6



Suggestion made by the students on the curriculum feedback

- Introduced some industry oriented subjects.
- There should be online resource centre for students
- Open soft skill course

Alumni Feedback on Curriculum 2017-18

Analysis Report

The Alumni gives feedback on curriculum for all the theory and practical courses taught to them in the semester. The college conducts online feedback by the Alumni at the end of academic year. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

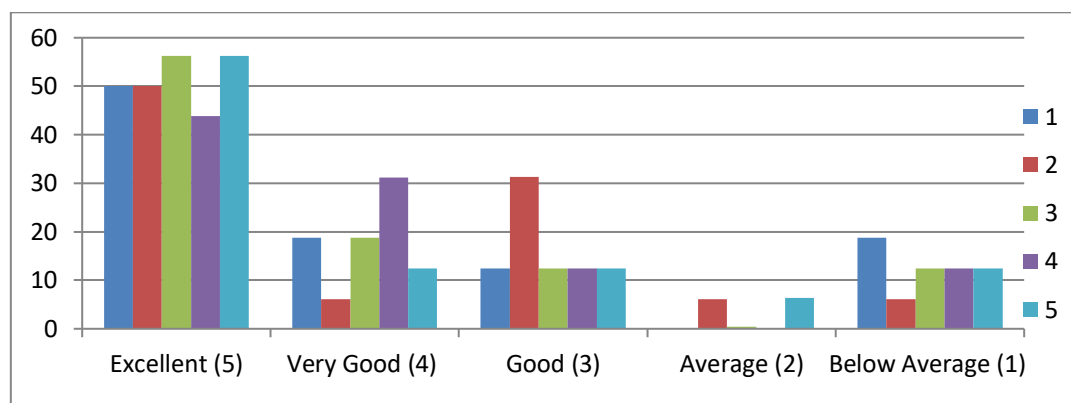
Alumni have to express their objective feedback on course/ curriculum based on five point scale (5) = Excellent, (4) = Very good, (3) = good, (2) = Average, (1) = Below Average. Only the figure 5, 4, 3, 2, 1 have to be written in the box which indicates the points.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The course I had learned in the college is useful in my career.	50	15.5	10.5	12.4	12.6
2	The college takes initiative to introduce new courses to meet contemporary requirements.	42.4	28.6	10.5	6	12.5
3	The development in the curriculum of UG and PG is appreciable.	50	15.5	10.5	12.4	12.6
4	The present curriculum meets the demands of the students in terms of employability.	50	15.5	10.5	12.4	12.6

CRITERION I: CURRICULAR ASPECTS

5	Teaching of syllabi is effectively completed within specified period	40	12.5	18.5	10.3	12.5
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Suggestion made by the Alumni on the curriculum feedback

There should be digital classroom in college

Design the soft skill-based course or career oriented program

Parents Feedback on Curriculum 2017-18

Analysis Report

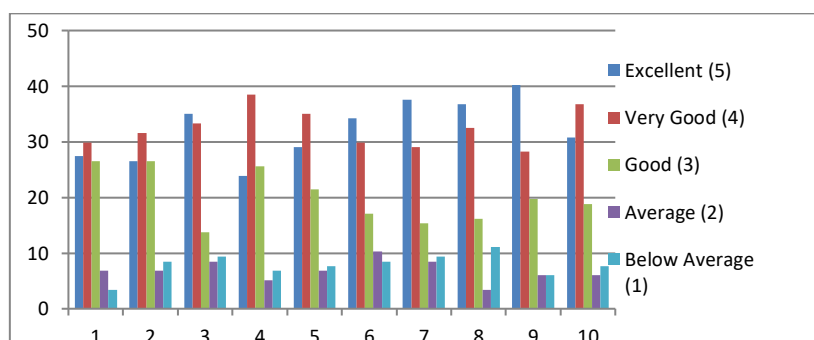
The parents give feedback for all the theory and practical courses taught to them in the semester. Shri .R. L. T. college of science, Akola conducts online feedback by the parents every year, after the end of examination. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The educational principle "Easy to Difficult" is followed in the curriculum	36	34	20	4	6
2	Interdisciplinary approach/ Inter subject approach is	44	24	24	8	6
3	Innovative ideas /research attitude is developed in the students by following this curriculum	30.8	36.8	18.8	6	7.7
4	The curriculum will enable the students to acquire entrepreneurial skills	23.9	38.5	25.6	5.1	6.8
5	Teaching of syllabi is effectively completed within specified period	29.1	35	21.4	6.8	7.7
6	System of monitoring students progress	34.2	29.9	17.1	10.3	8.5

CRITERION I: CURRICULAR ASPECTS

7	Availability of quality teaching in the college	37.6	29.1	15.4	8.5	9.4
8	Availability of qualified, competent faculty in the college	34	30	22	8	6
9	Contribution to the national development in respect of science and technology	40	18	28	8	12
10	The comfortness of ward with present curriculum	30.8	36.8	18.8	6	7.7



Suggestion made by the parents on the curriculum feedback

Design the courses which enhance the employability.

There should be digital classroom in college.

Employers Feedback on Curriculum 2017-18

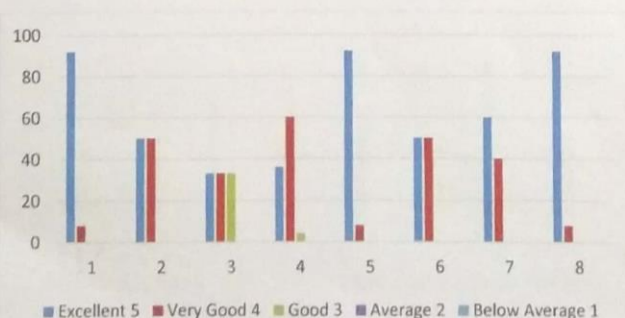
Analysis Report

The employers give feedback on curriculum for courses taught in the semester. Shri. R. L. T. College of science, Akola has obtained online feedback by the employers after the end of examination. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The college has active career counseling cell.	92	8	-	-	-
2	The college is known for merits and discipline	50	50	-	-	-

3	The improvement in knowledge base through interaction with faculty helps campus placement.	33	33	33	-	-
4	The college courses provide strong base for multiple careers.	36	60	4	-	-
5	The changes introduced in the college are progressive.	92	8	-	-	-
6	Shri R. L. T. college is one of the best colleges which ensure progression of the students	50	50	-	-	-
7	The Courses running by the college enables to develop entrepreneurial skill	60	40	-	-	-
8	The Courses running by the college provides opportunity of employability and meets the needs of the community.	92	8	-	-	-



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Students Feedback on Curriculum 2018-19

Analysis Report

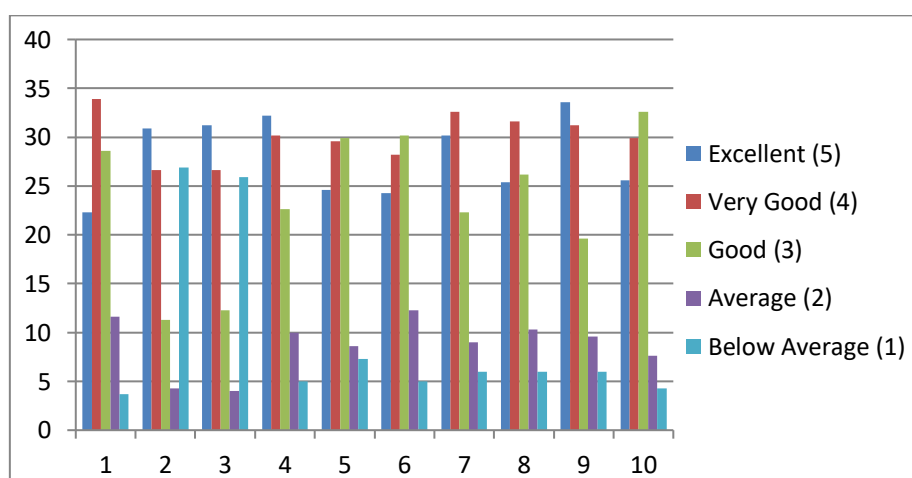
Shri .R. L. T. college of science, Akola conducts online feedback by the student every semester, after the end of semester examination. The student's gives feedback for all the theory and practical courses taught to them in the semester. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	How do you rate the syllabus of the courses that you have studied in relation to its difficulty level	19.3	28.2	30.2	12.5	10

CRITERION I: CURRICULAR ASPECTS

2	How do you rate the allocation of the units in the syllabus relevant to the courses	30.2	32.6	22.3	9	6
3	How do you rate the distribution of the contact hours among the courses component	20	30	30	11	9
4	How do you rate the evaluation scheme design for each of the course	32.8	30.2	22	10	5
5	How do you rate the current syllabus in the context of time span	20	30	30	11	9
6	How do you rate the courses in the context of employability	19.3	28.2	30.2	12.5	10
7	How do you rate the sequence in current syllabus to that of previous semester	30.2	32.6	22.3	9	6
8	How do you rate the courses in relation to real life application	20	30	30	11	9
9	How do you rate the effectiveness of the textbooks and reference books in the context of the course	22	28.2	27.2	12.5	10
10	How do you rate the competency expected out of the source	20	33	34.5	6	6



Suggestion made by the students on the curriculum feedback

Introduced some New PG courses in the Life sciences.

Classes should be conducted in online mode for completion of syllabus

Alumni Feedback on Curriculum 2018-19

Analysis Report

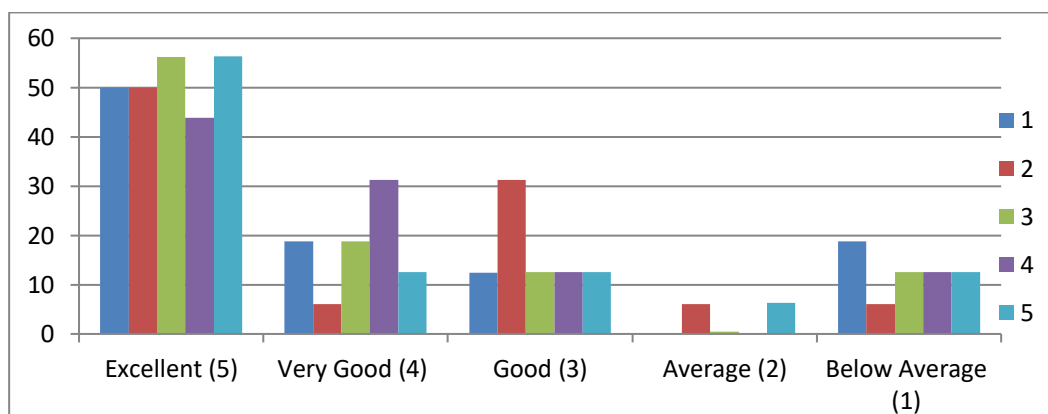
The Alumni gives feedback on curriculum for all the theory and practical courses taught to them in the semester. The college conducts online feedback by the Alumni at the

end of academic year. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Alumni have to express their objective feedback on course/ curriculum based on five point scale (5) = Excellent, (4) = Very good, (3) = good, (2) = Average, (1) = Below Average. Only the figure 5, 4, 3, 2, 1 have to be written in the box which indicates the points.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The course I had learned in the college is useful in my career.	48	17.5	13.5	12.4	9.6
2	The college takes initiative to introduce new courses to meet contemporary requirements.	43	29	11	12	5
3	The development in the curriculum of UG and PG is appreciable.	60	15.5	7.5	10.4	7.6
4	The present curriculum meets the demands of the students in terms of employability.	50	15.5	10.5	12.4	12.6
5	Teaching of syllabi is effectively completed within specified period	42	13	16	12.7	10.3



Suggestion made by the Alumni on the curriculum feedback

There should be research centre in the physics department.
To organize conference, seminar, workshop

Parents Feedback on Curriculum 2018-19

Analysis Report

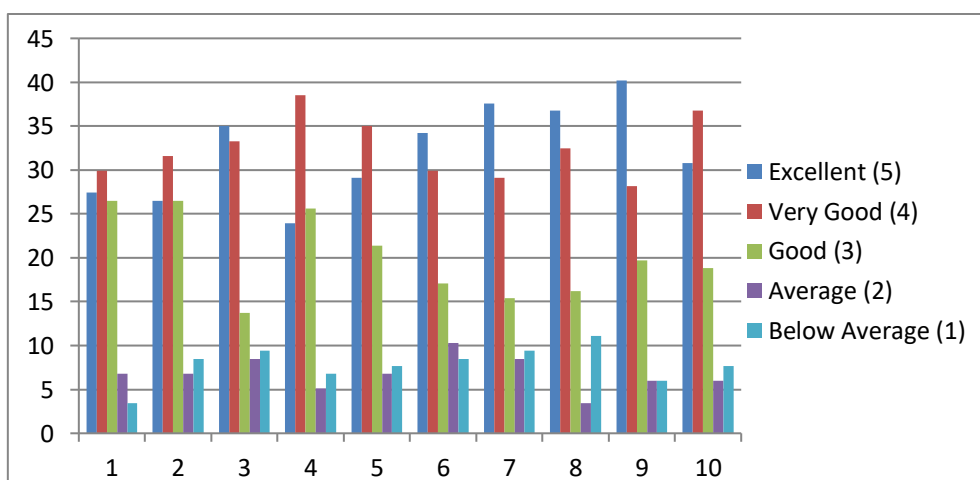
The parent's gives feedback for all the theory and practical courses taught to them in the semester. Shri .R. L. T. college of science, Akola conducts online feedback by the parents

CRITERION I: CURRICULAR ASPECTS

every year, after the end of examination. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The educational principle “Easy to Difficult” is followed in the curriculum	36	34	20	4	6
2	Interdisciplinary approach/ Inter subject approach is	44	24	24	8	6
3	Innovative ideas /research attitude is developed in the students by following this curriculum	30.8	36.8	18.8	6	7.7
4	The curriculum will enable the students to acquire entrepreneurial skills	23.9	38.5	25.6	5.1	6.8
5	Teaching of syllabi is effectively completed within specified period	29.1	35	21.4	6.8	7.7
6	System of monitoring students progress	34.2	29.9	17.1	10.3	8.5
7	Availability of quality teaching in the college	37.6	29.1	15.4	8.5	9.4
8	Availability of qualified, competent faculty in the college	34	30	22	8	6
9	Contribution to the national development in respect of science and technology	40	18	28	8	12
10	The comfortness of ward with present curriculum	30.8	36.8	18.8	6	7.7



Suggestion made by the parents on the curriculum feedback

Starts research program in chemistry.

Design the soft skill-based course or career-oriented program

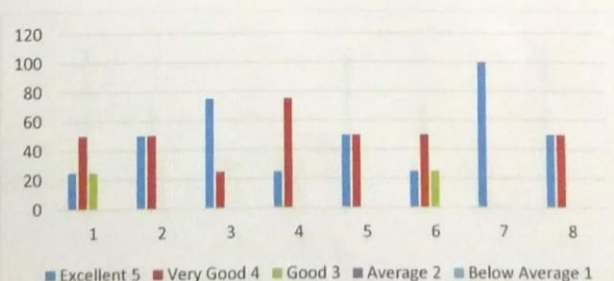
Employers Feedback on Curriculum 2018-19

Analysis Report

The employers give feedback on curriculum for courses taught in the semester. Shri. R. L. T. college of science, Akola has obtained online feedback by the employers after the end of examination. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The college has active career counseling cell.	25	50	25	-	-
2	The college is known for merits and discipline	50	50	-	-	-
3	The improvement in knowledge base through interaction with faculty helps campus placement.	75	25	-	-	-
4	The college courses provide strong base for multiple careers.	25	75	-	-	-
5	The changes introduced in the college are progressive.	50	50	-	-	-
6	Shri R. L. T. college is one of the best colleges which ensure progression of the students	25	50	25	-	-
7	The Courses running by the college enables to develop entrepreneurial skill	100	-	-	-	-
8	The Courses running by the college provides opportunity of employability and meets the needs of the community.	50	50	-	-	-



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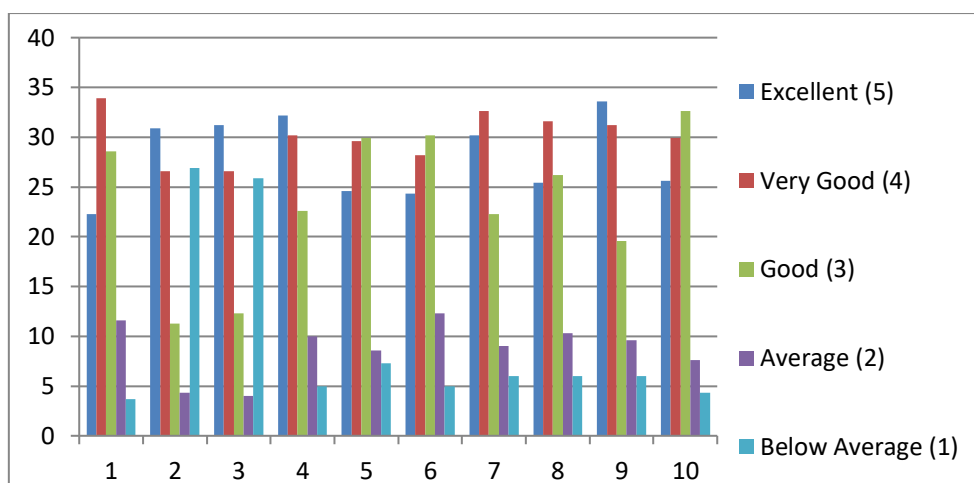
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Students Feedback on Curriculum 2019-20**Analysis Report**

Shri .R. L. T. college of science, Akola conducts online feedback by the student every semester, after the end of semester examination. The student's gives feedback for all the theory and practical courses taught to them in the semester. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	How do you rate the syllabus of the courses that you have studied in relation to its difficulty level	19.3	28.2	30.2	12.5	10
2	How do you rate the allocation of the units in the syllabus relevant to the courses	30.2	32.6	22.3	9	6
3	How do you rate the distribution of the contact hours among the courses component	20	30	30	11	9
4	How do you rate the evaluation scheme design for each of the course	32.8	30.2	22	10	5
5	How do you rate the current syllabus in the context of time span	20	30	30	11	9
6	How do you rate the courses in the context of employability	19.3	28.2	30.2	12.5	10
7	How do you rate the sequence in current syllabus to that of previous semester	30.2	32.6	22.3	9	6
8	How do you rate the courses in relation to real life application	20	30	30	11	9
9	How do you rate the effectiveness of the textbooks and reference books in the context of the course	22	28.2	27.2	12.5	10
10	How do you rate the competency expected out of the source	20	33	34.5	6	6



Suggestion –

New courses should be open which develops entrepreneur skill.
 Industrial visit/ Educational Study tour to be organized.

Alumni Feedback on Curriculum 2019-20

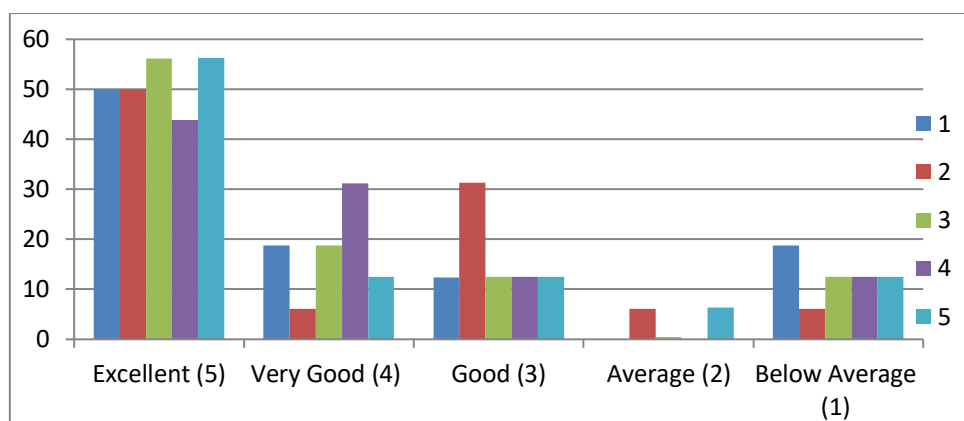
Analysis Report

The Alumni gives feedback on curriculum for all the theory and practical courses taught to them in the semester. The college conducts online feedback by the Alumni at the end of academic year. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Alumni have to express their objective feedback on course/ curriculum based on five point scale (5) = Excellent, (4) = Very good, (3) = good, (2) = Average, (1) = Below Average. Only the figure 5, 4, 3, 2, 1 have to be written in the box which indicates the points.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The course I had learned in the college is useful in my career.	48	17.5	13.5	12.4	9.6
2	The college takes initiative to introduce new courses to meet contemporary requirements.	43	29	11	12	5
3	The development in the curriculum of UG and PG is appreciable.	60	15.5	7.5	10.4	7.6
4	The present curriculum meets the demands of the students in terms of employability.	50	15.5	10.5	12.4	12.6
5	Teaching of syllabi is effectively completed within specified period	42	13	16	12.7	10.3



Suggestion made by the Alumni on the curriculum feedback

Career oriented course should be introduced suggested by the Alumni

To organize conference, seminar, workshop etc.

Parents Feedback on Curriculum 2019-20

Analysis Report

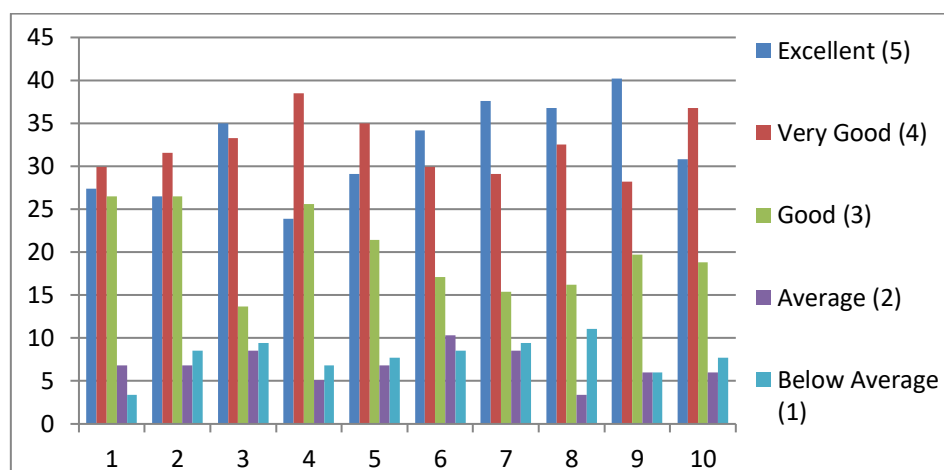
The parents give feedback for all the theory and practical courses taught to them in the semester. Shri .R. L. T. college of science, Akola conducts online feedback by the parents every year, after the end of examination. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The educational principle “Easy to Difficult” is followed in the curriculum	36	34	20	4	6
2	Interdisciplinary approach/ Inter subject approach is	44	24	24	8	6
3	Innovative ideas /research attitude is developed in the students by following this curriculum	30.8	36.8	18.8	6	7.7
4	The curriculum will enable the students to acquire entrepreneurial skills	23.9	38.5	25.6	5.1	6.8
5	Teaching of syllabi is effectively completed within specified period	29.1	35	21.4	6.8	7.7
6	System of monitoring students progress	34.2	29.9	17.1	10.3	8.5
7	Availability of quality teaching in the college	37.6	29.1	15.4	8.5	9.4
8	Availability of qualified,	34	30	22	8	6

CRITERION I: CURRICULAR ASPECTS

	competent faculty in the college					
9	Contribution to the national development in respect of science and technology	40	18	28	8	12
10	The comfortness of ward with present curriculum	30.8	36.8	18.8	6	7.7



Suggestion of parents –

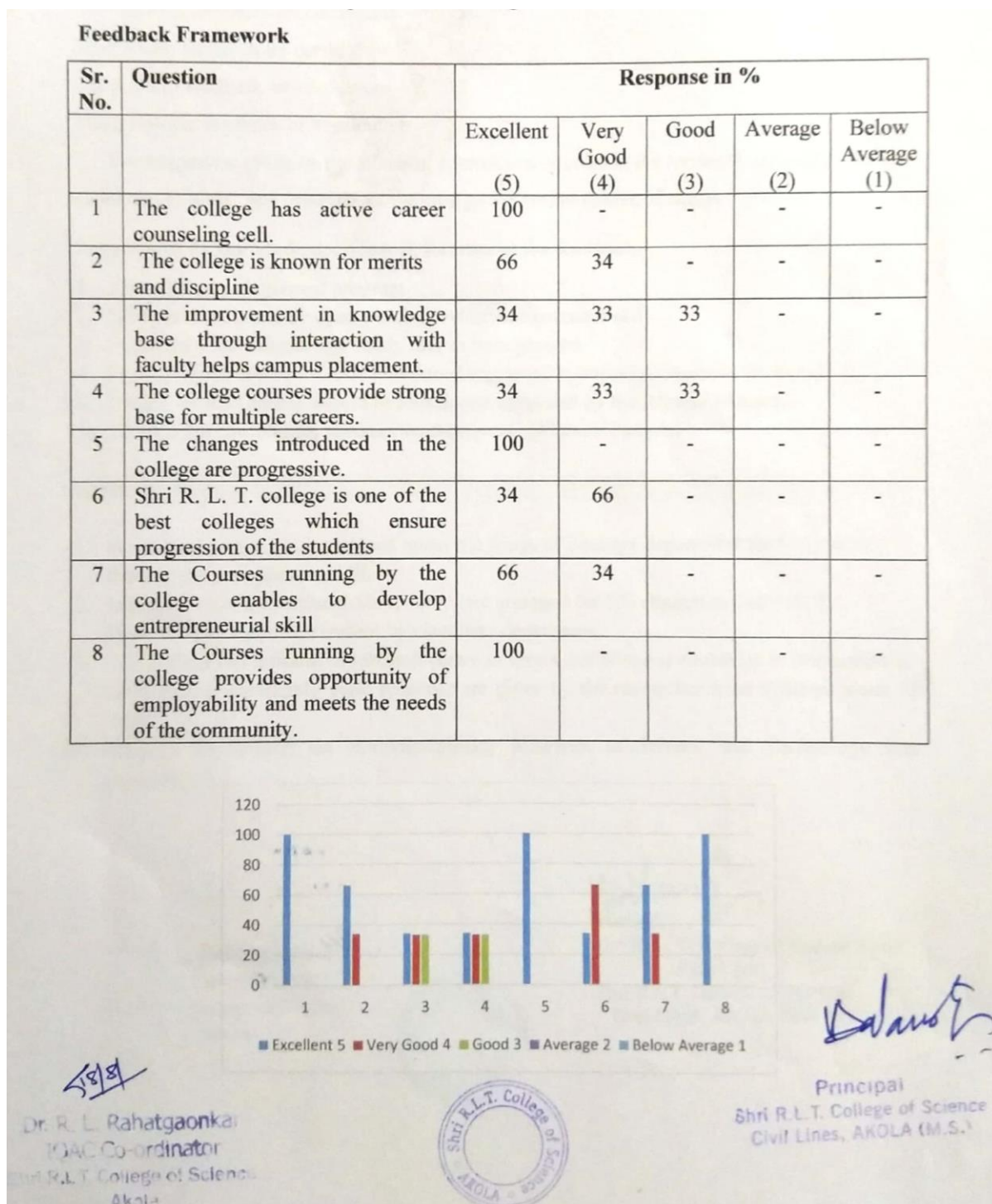
Design the courses which enhance the employability.

M.Sc. physics course must be introduced suggested by most UG students

Employers Feedback on Curriculum 2019-20

Analysis Report

The employers give feedback on curriculum for courses taught in the semester. Shri. R. L. T. college of science, Akola has obtained online feedback by the employers after the end of examination. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.



Students Feedback on Curriculum 2020-21 Analysis Report

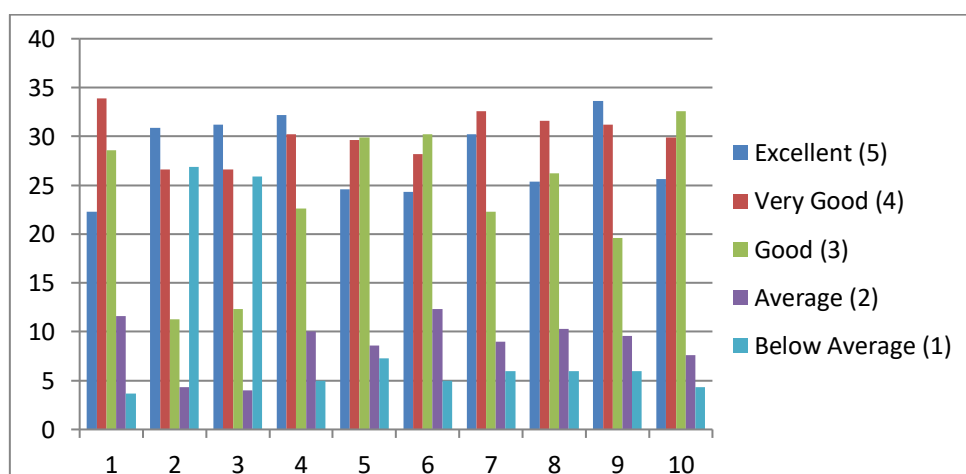
The Shri .R. L. T. college of science, Akola conducts online feedback by the student every semester, after the end of semester examination. The student's gives feedback for all the theory and practical courses taught to them in the semester. The structured feedback on

CRITERION I: CURRICULAR ASPECTS

curriculum obtained from them are analyzed and utilized for overall development of the college.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	How do you rate the syllabus of the courses that you have studied in relation to its difficulty level	22.3	33.9	28.6	11.6	3.7
2	How do you rate the allocation of the units in the syllabus relevant to the courses	30.9	26.6	11.3	4.3	26.9
3	How do you rate the distribution of the contact hours among the courses component	31.2	26.6	12.3	4	25.9
4	How do you rate the evaluation scheme design for each of the course	32.2	30.2	22.6	10	5
5	How do you rate the current syllabus in the context of time span	24.6	29.6	29.9	8.6	7.3
6	How do you rate the courses in the context of employability	24.3	28.2	30.2	12.3	5
7	How do you rate the sequence in current syllabus to that of previous semester	30.2	32.6	22.3	9	6
8	How do you rate the courses in relation to real life application	25.4	31.6	26.2	10.3	6
9	How do you rate the effectiveness of the textbooks and reference books in the context of the course	33.6	31.2	19.6	9.6	6
10	How do you rate the competency expected out of the source	25.6	29.9	32.6	7.6	4.3



Suggestion made by the students on the curriculum feedback

Inclusion of some courses which helps the students about competitive examination is needed.

There should be silence zone in the library.

Update the syllabus in computer science (ios, android etc)

Design the application based syllabus for enhancing employability.

Introduced some industry oriented subjects.

Evaluation process of the college is found to be fruitful to have effective curriculum delivery.

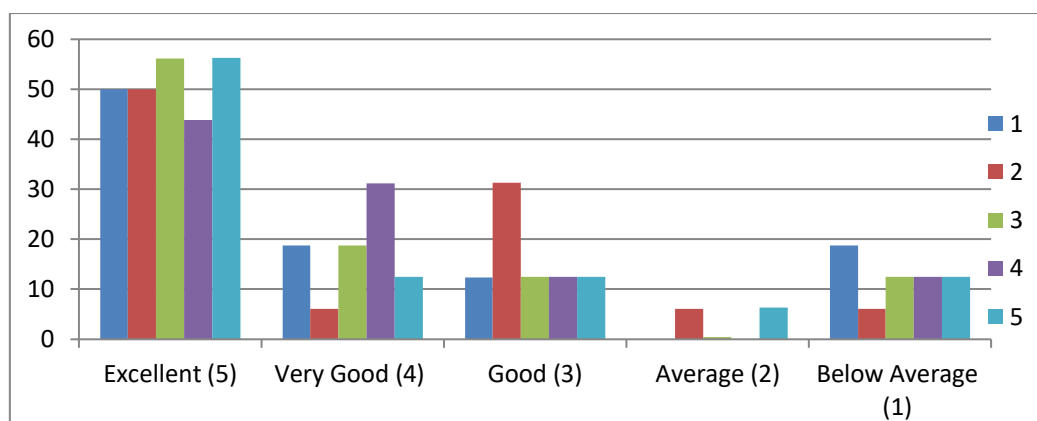
Alumni Feedback on Curriculum 2020-21**Analysis Report**

The Alumni gives feedback on curriculum for all the theory and practical courses taught to them in the semester. The college conducts online feedback by the Alumni at the end of academic year. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Alumni have to express their objective feedback on course/ curriculum based on five point scale (5) = Excellent, (4) = Very good, (3) = good, (2) = Average, (1) = Below Average. Only the figure 5, 4, 3, 2, 1 have to be written in the box which indicates the points.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The course I had learned in the college is useful in my career.	50	18.8	12.4	0	18.8
2	The college takes initiative to introduce new courses to meet contemporary requirements.	50	6.1	31.3	6.1	6.1
3	The development in the curriculum of UG and PG is appreciable.	56.2	18.8	12.5	0.4	12.5
4	The present curriculum meets the demands of the students in terms of employability.	43.8	31.2	12.5	0	12.5
5	Teaching of syllabi is effectively completed within specified period	56.3	12.5	12.5	6.3	12.5



Suggestion made by the Alumni on the curriculum feedback

The design of syllabus is fulfilling the need of students in small extent.
 There should be more digital classroom
 Practical knowledge based subject should be introduced.

Parents Feedback on Curriculum 2020-21

Analysis Report

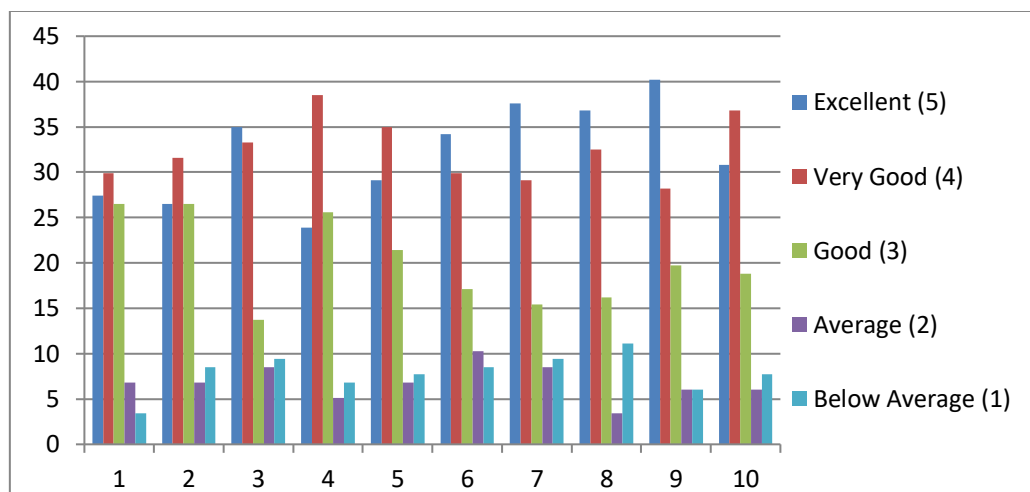
The parents gives feedback for all the theory and practical courses taught to them in the semester. Shri .R. L. T. college of science, Akola conducts online feedback by the parents every year, after the end of examination. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The educational principle “Easy to Difficult” is followed in the curriculum	27.4	29.9	26.5	6.8	3.4
2	Interdisciplinary approach/ Inter subject approach is	26.5	31.6	26.5	6.8	8.5
3	Innovative ideas /research attitude is developed in the students by following this curriculum	35	33.3	13.7	8.5	9.4
4	The curriculum will enable the students to acquire entrepreneurial skills	23.9	38.5	25.6	5.1	6.8
5	Teaching of syllabi is effectively completed within specified period	29.1	35	21.4	6.8	7.7
6	System of monitoring students progress	34.2	29.9	17.1	10.3	8.5

CRITERION I: CURRICULAR ASPECTS

7	Availability of quality teaching in the college	37.6	29.1	15.4	8.5	9.4
8	Availability of qualified, competent faculty in the college	36.8	32.5	16.2	3.4	11.1
9	Contribution to the national development in respect of science and technology	40.2	28.2	19.7	6	6
10	The comfortness of ward with present curriculum	30.8	36.8	18.8	6	7.7



Suggestion made by the parents on the curriculum feedback

Design the courses which enhance the employability.

Interdisciplinary approach is needed to the syllabus.

College contribution to the national development in science & technology is remarkable.

Teachers Feedback on Curriculum 2020-21

Analysis Report

Similar to student, teacher is also an important stakeholder in the system of higher education so we have collected feedback from them. The college is affiliated to Sant Gadge Baba Amravati University, Amravati and following the prescribed curriculum as it is given by the university. To inculcate the curriculum effective manner online feedback and suggestions are invited from different subject teachers. In all we have received 12 teachers feedback on curriculum and analyzed.

Sr No.	Curriculum evaluation quiz.	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)

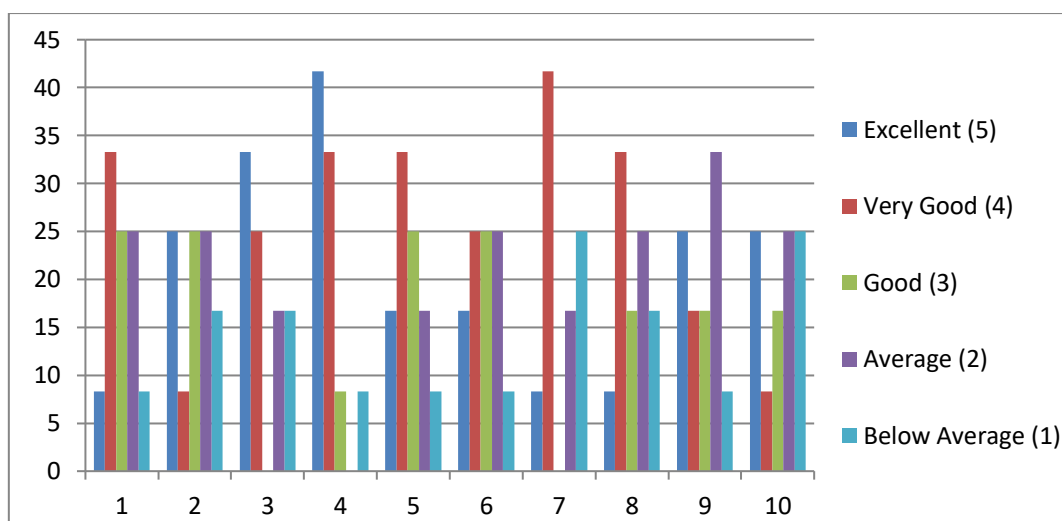
CRITERION I: CURRICULAR ASPECTS

1.	Does the current syllabus is need based	8.3	33.3	25	25	8.3
2.	Are the programmes specific outcomes and course outcomes of the syllabi is well defined	25	8.3	25	25	16.7
3.	Is the current syllabus / course content made interest in the subject area	33.3	25		16.7	16.7
4.	Are the books prescribed / listed as reference materials relevant and updated	41.7	33.3	8.3		8.3
5.	The curriculum is balanced with regard to the theoretical and practical knowledge.	16.7	33.3	25	16.7	8.3
6.	The curriculum has the potential in developing the habit of self-learning among the students.	16.7	25	25	25	8.3
7.	The learning outcomes of the curriculum are of global standard.	8.3	41.7		16.7	25
8.	The curriculum has focus on skill development and employability.	8.3	33.3	16.7	25	16.7
9.	The course/syllabus of this subject has increased my knowledge and perspective in the subject area.	25	16.7	16.7	33.3	8.3
10	Effectiveness of curriculum to develop entrepreneurship	25	8.3	16.7	25	25

On an average 20.83 % Teacher said excellent, 25.82 % are said very good, 15.84 % are said good, 20.84 % are said average and 14.16 % are said below average the current curriculum of various programmes design by Sant Gadge Baba Amravati University.

Suggestions are obtained from the teachers -

1. Industry experts needs to be the Members of the Syllabus Structuring Committee and the designing should be as per the requirements so as to get an employment.
2. The application of the syllabus in industrial sector is to be focused. Some training modules should be incorporated in the syllabus.
3. Application bases syllabus should be included.
4. More focus on skill development and employability.
5. If we focusing on current as well future demand revised the syllabus. So that student is not depends on only job but thinking about own business.
6. The applicativeness of syllabus should be considered.
7. Curriculum should be redesigned to give justice to the subject.

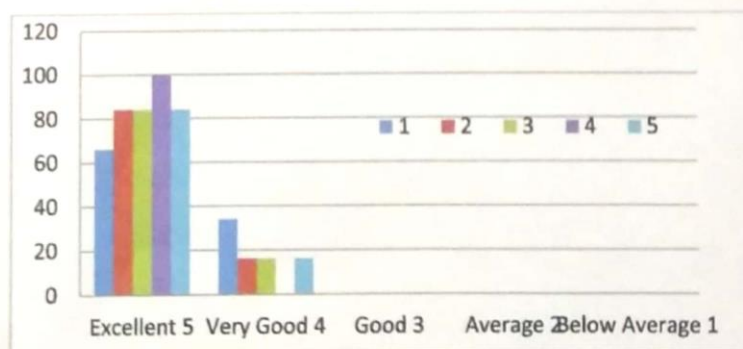


Employers Feedback on Curriculum 2020-21 Analysis Report

The employers give feedback on curriculum for courses taught in the semester. Shri. R. L. T. College of science, Akola has obtained online feedback by the employers after the end of examination. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The courses run by the college enables to develop entrepreneurial skill.	66	34	-	-	-
2	Does the college have active career counseling cell and functional for student's placement.	84	16	-	-	-
3	Innovative ideas /research attitude is developed in the students by following this curriculum.	84	16	-	-	-
4	The college courses/ curriculum provides strong base for getting employable.	100	-	-	-	-
5	Do college students stands up to your expectation in terms of skill, working culture and creativity.	84	16	-	-	-



Suggestion made by the employers in feedback on curriculum

- Visit industry / factory in MIDC, Akola every year.
- Considering the approach to professional career can include some basic pathology and biochemistry training in curriculum.

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



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

Students Feedback on Curriculum 2021-22

Analysis Report

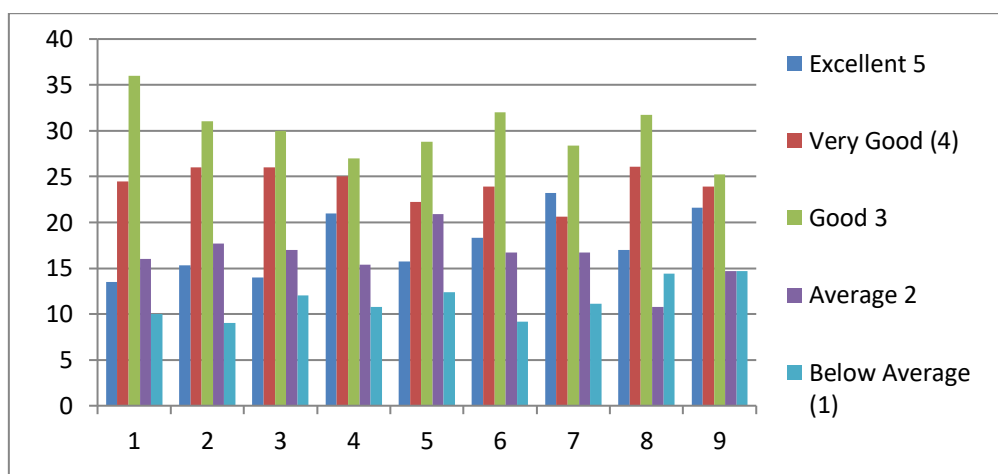
Shri.R. L. T. college of science, Akola conducts online feedback by the student every semester, after the end of semester examination. The student's gives feedback for all the theory and practical courses taught to them in the semester. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	How do you rate the syllabus of the courses that you have studied in relation to its difficulty level	13.5	24.5	36	16	10
2	How do you rate the allocation of the units in the syllabus relevant to the courses	15.3	26	31	17.7	9
3	How do you rate the distribution of the contact hours among the courses component	14	26	30	17	12
4	How do you rate the evaluation scheme design for each of the	21	25	27	15.4	10.8

CRITERION I: CURRICULAR ASPECTS

	course					
5	How do you rate the current syllabus in the context of time span	15.7	22.2	28.8	20.9	12.4
6	How do you rate the courses in the context of employability	18.3	23.9	32	16.7	9.2
7	How do you rate the sequence in current syllabus to that of previous semester	23.2	20.6	28.4	16.7	11.1
8	How do you rate the courses in relation to real life application	17	26.1	31.7	10.8	14.4
9	How do you rate the effectiveness of the textbooks and reference books in the context of the course	21.6	23.9	25.2	14.7	14.7
10	How do you rate the competency expected out of the source	20	21.9	30.8	14.7	12.4



Merits

Depending upon the five point scale which is indicating in an average good to very good points, thus evaluation process of the college is found to be fruitful to have effective curriculum delivery.

Suggestion in the curriculum feedback

Inclusion of some courses which helps the students about competitive examination is needed.

Design the application-based syllabus in mathematics for enhancing employability.

Introduced some industry oriented subjects in life sciences.

CBCS should be implemented to increase the creativity of the students

NEP awareness program should be organized in the college

Update the syllabus in computer science (ios, android etc)

Alumni Feedback on Curriculum 2021-22

Analysis Report

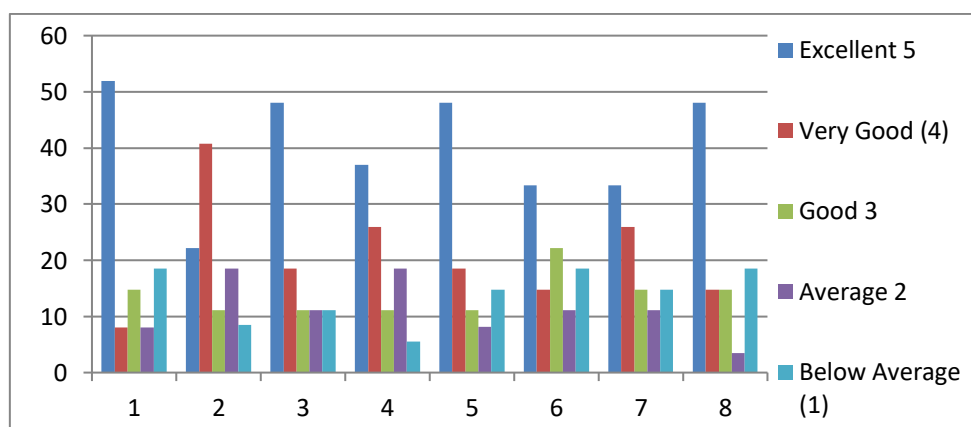
The Alumni gives feedback on curriculum for all the theory and practical courses taught to students in the semester. The college conducts online feedback by the Alumni at the

end of academic year. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the curriculum.

Alumni have to express their objective feedback on course/ curriculum based on five point scale(5) = Excellent, (4) = Very good, (3) = good, (2) = Average, (1) = Below Average. Only the figure 5, 4, 3, 2, 1 have to be written in the box which indicates the points.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The course I had learned in the college is useful in my career.	51.9	8	14.8	8	18.5
2	Is the curriculum is job oriented.	22.2	40.7	11.1	18.5	8.5
3	The development in the curriculum of UG and PG is appreciable.	48.1	18.5	11.1	11.1	11.1
4	The present curriculum meets the demands of the students in terms of employability.	37	25.9	11.1	18.5	5.5
5	Teaching of syllabi is effectively completed within specified period	48.1	18.5	11.1	8.1	14.8
6	Is the curriculum is industry oriented?	33.3	14.8	22.2	11.1	18.5
7	Is the curriculum is skill oriented?	33.3	25.9	14.8	11.1	14.8
8	Overall standard of the curriculum.	48.1	14.8	14.8	3.5	18.5



Suggestion made by the Alumni on the curriculum feedback

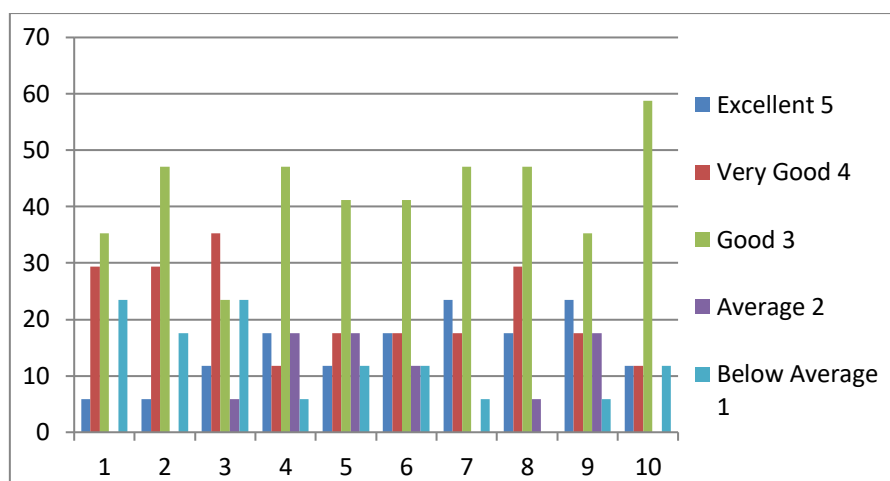
Short term course must be introduced which helps in Soft skill development
 Practical knowledge based subject should be introduced.
 CBCS should be implemented to increase the creativity of the students

Parents Feedback on Curriculum 2021-22**Analysis Report**

The parents gives feedback for all the theory and practical courses taught to them in the semester. Shri .R. L. T. college of science, Akola conducts online feedback by the parents every year, after the end of examination. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The educational principle “Easy to Difficult” is followed in the curriculum	5.9	29.4	35.3	-	23.5
2	Interdisciplinary approach/ Inter subject approach is	5.9	29.4	47.1	-	17.6
3	Innovative ideas /research attitude is developed in the students by following this curriculum	11.8	35.3	23.5	5.9	23.5
4	The curriculum will enable the students to acquire entrepreneurial skills	17.6	11.8	47.1	17.6	5.9
5	Teaching of syllabi is effectively completed within specified period	11.8	17.6	41.2	17.6	11.8
6	System of monitoring students progress	17.6	17.6	41.2	11.8	11.8
7	Availability of quality teaching in the college	23.5	17.6	47.1	-	5.9
8	Availability of qualified, competent faculty in the college	17.6	29.4	47.1	5.9	-
9	Contribution to the national development in respect of science and technology	23.5	17.6	35.3	17.6	5.9
10	The comfortness of ward with present curriculum	11.8	11.8	58.8	-	11.8



Teachers Feedback on Curriculum 2021-22

Analysis Report

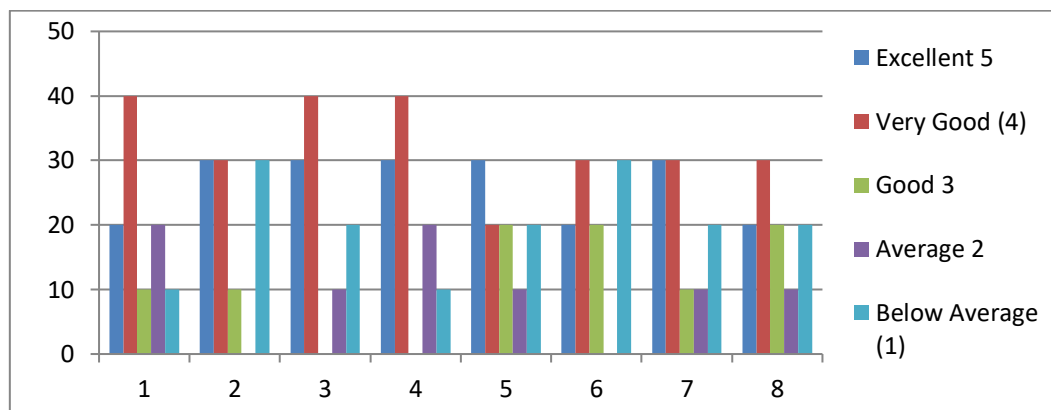
The teacher's gives feedback for all the theory and practical courses taught in the semester. Shri .R. L. T. college of science, Akola conducts online feedback after the end of examination which are analyzed and utilized for overall development of the curriculum.

Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	Does the current syllabus is need based	20	40	10	20	10
2	Are the programmes specific outcomes and course outcomes of the syllabi is well defined	30	30	10	0	30
3	Is the current syllabus / course content made interest in the subject area	30	40	0	10	20
4	Are the books prescribed / listed as reference materials relevant and updated	30	40	0	20	10
5	The curriculum is balanced with regard to the theoretical and practical knowledge.	30	20	20	10	20
6	The curriculum has the potential in developing the habit of self learning among the students.	20	30	20	0	30

CRITERION I: CURRICULAR ASPECTS

7	The learning outcomes of the curriculum are of global standard.	30	30	10	10	20
8	The curriculum has focus on skill development and employability.	20	30	20	10	20



Suggestion in the curriculum feedback

Interdisciplinary approach is needed to the syllabus.

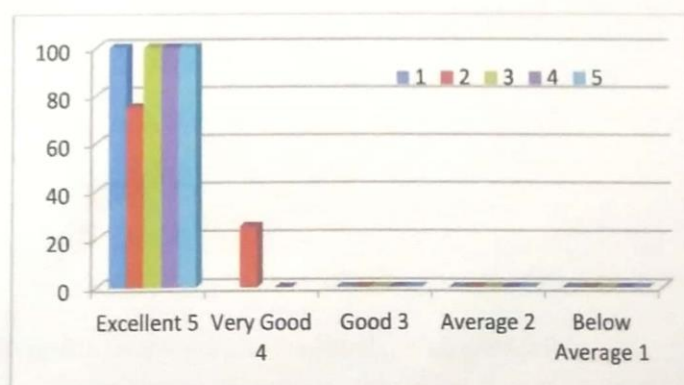
Employers Feedback on Curriculum 2021-22

Analysis Report

The employers give feedback on curriculum for courses taught in the semesters of 2021-22. The college has obtained online feedback by the employers after the end of examination. The structured feedback on curriculum obtained from them are analyzed and utilized for overall development of the college.

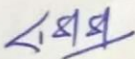
Feedback Framework

Sr. No.	Question	Response in %				
		Excellent (5)	Very Good (4)	Good (3)	Average (2)	Below Average (1)
1	The courses run by the college enables to develop entrepreneurial skill.	100				
2	Does the college have active career counseling cell and functional for students placement.	75	25			
3	Innovative ideas /research attitude is developed in the students by following this curriculum.	100				
4	The college courses/ curriculum provides strong base for getting employable.	100				
5	Do college students stands up to your expectation in terms of skill, working culture and creativity.	100				

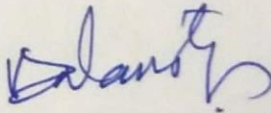


Suggestion made by the employers in feedback on curriculum

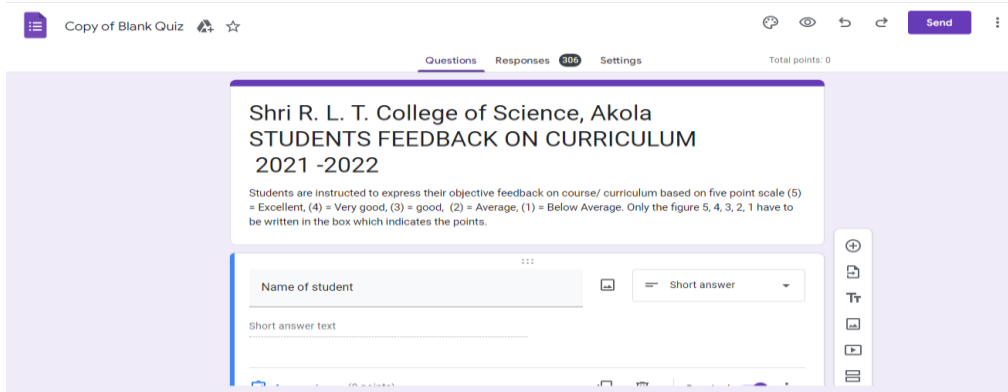
There should be Pathology and Biochemistry training


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.)

Feedback on curriculum from different stakeholders available on website

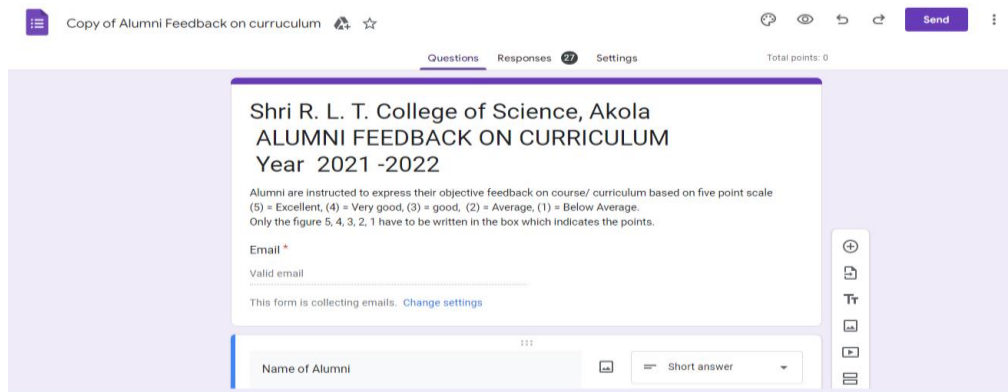


1) Link for student’s feedback on curriculum 2021-22

https://docs.google.com/forms/d/e/1FAIpQLSd557ZM6iPu-pImJJWd0_51Ja1h3R1w6-46779dfAXYuR_PtA/viewform?usp=pp_url

Students Feedback Response Sheet

<https://www.rltsc.edu.in/wp-content/uploads/2022/09/Students-Feedback-Response-Sheet-2021-22.pdf>



2) Link for Alumni feedback on curriculum 2021-22

https://docs.google.com/forms/d/e/1FAIpQLSfFIQzraaAkGOG_JuUEBh-B3BMuJL-AIVpDGDavU4H-NsNdjg/viewform?usp=pp_url

Alumni Feedback Response sheet

<https://www.rltsc.edu.in/wp-content/uploads/2022/09/Alumni-Feedback-Response-Sheet-2021-22.pdf>

Copy of Copy of Teachers Feedback on Curriculum

Shri R. L. T. College of Science, Akola
FACULTY FEEDBACK ON CURRICULUM
2021 -2022

Faculties of Science stream are instructed to express their objective feedback on course/ curriculum based on five point scale (5) = Excellent, (4) = Very good, (3) = good, (2) = Average, (1) = Below Average. Only select the option to rate the curricula.

Email *

Valid email

This form is collecting emails. [Change settings](#)

Name of Faculty

Short answer

3) Link for Faculty feedback on curriculum 2021-22

https://docs.google.com/forms/d/e/1FAIpQLSe2iFUj2TjJTJD0gN9ba0FkPyN6sRIHBGQ10C4zp-SaWg7bnQ/viewform?usp=pp_url

Faculty Feedback Response sheet

<https://www.rltsc.edu.in/wp-content/uploads/2022/09/Teachers-Feedback-Response-Sheet-2021-22.pdf>

Employers Feedback on Curriculum 2021-22

Shri R. L. T. College of Science, Akola
EMPLOYERS FEEDBACK ON CURRICULUM 2021
-2022

Parents are instructed to express their objective feedback on course/ curriculum based on five point scale (5) = Excellent, (4) = Very good, (3) = good, (2) = Average, (1) = Below Average. Only the figure 5, 4, 3, 2, 1 have to be written in the box which indicates the points.

Email *

Valid email

This form is collecting emails. [Change settings](#)

Name of Employers

Short answer

Short answer text

Answer key (0 points)

Required

4) Link for Employers feedback on curriculum 2021-22

https://docs.google.com/forms/d/e/1FAIpQLSfPP6B2yDyvousFPWAOC1weqyiwrAxw8Pa0OkYRFBR1Yh92DSw/viewform?usp=sf_link

Employers Feedback Response sheet

https://www.rltsc.edu.in/wpcontent/uploads/2022/10/Employers_Feedback_Response-21-22.pdf

5) Link for Parents feedback on curriculum 2021-22

https://docs.google.com/forms/d/e/1FAIpQLSdKS62LrUH3ntvinTh2kXiiGo1TDqcjit77ag0AIGX6eb8JQ/viewform?usp=pp_url



01 July 2018

Morna River Cleaning Mission and Plantation, a project undertaken by District Collector, Akola. The college NSS Unit participated in this campaign. The guardian minister Dr. Ranjeet Patil is present on this occasion.



28 September 2018

Art of Perfume Making - National Level Seminar cum Workshop was organized by Department of Chemistry. Skill Development and Self Employment was the objective of this workshop.

It was inaugurated by Guardian Minister Dr. Ranjeet Patil.



08 September 2018

Digital Classrooms inauguration by the hands of Guardian Minister Hon. Dr. Ranjeet Patil. Dr. R.B. Heda (President BGE Society), Adv. Motisingh Mohta (Hon. Secretary BGE Society), Shri. Vijay Toshniwal (Sr. Vice President) and Dr. Ravindra Jain (Jr. Vice President) were present.

08 September 2018

Digital Classrooms inauguration by the hands of Guardian Minister Hon. Dr. Ranjeet Patil. Dr. R.B. Heda (President BGE Society), Adv. Motisingh Mohta (Hon. Secretary BGE Society), Shri. Vijay Toshniwal (Sr. Vice President) and Dr. Ravindra Jain (Jr. Vice President) were present.



Counselling

Four Days Workshop

On

Soft Skill Development

22nd - 25th March 2019 Organized By

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

Sponsored By

Student Development Cell, Sant Gadge Baba Amravati University, Amravati.

Shri R.L.T. College Of Science Is Always Ahead For Organizing Various Program 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 Rltions 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 Program Schedule Form 22nd To 25th March 2019.

The Program Begins On 22nd March With Registration Of Student Fro 9.00 A.M. To 10.00

A.M. Then There Was Inauguration Of The Workshop. Dr. Nitin Mohod, Asst Professor, Shri Shivaji College Of Arts, Commerce & Science , Akola Was The Chief Inauguration Of The Workshop The Inauguration Ceremony Was President By Dr. V. D. Nanoty, Principle Shri R. L.T. College Of Science Akola . Shri R. D. Choudhary , Student Development Officer Of Shri R. L.T. College Of Science Akola, Dr. R.L. Rahatgaonker , Shri R. D. Choudhary , Dr. A.G. Sarap, Dr. H.S. Malpani And All The Teaching And Non – Teaching Stuff Member Of College Was Present In The Inauguration .

During This Presidential Speech Dr. V.D.Nanoty, President Of The Inauguration Ceremony Explain The Importance Of Soft Skill Development While On Dr. Nitin Mohod Gave The Detail Of The Workshop.

Dr. Poonam Agrawal Co-Ordination Of The Workshop Conducted The Program, Dr. H.S. Malpani Propose The Vote Of Thanks.

Day 1

22nd March 2019

On First Day Of Workshop Dr. Natin Mohod, Who Was The Trainer An Resource Person In This Workshop Deliver His Speech On 'Group Discussion' in the first session and second session 'Verbal & Non Verbal'.

Day 2

23rd March 2019

On The Second Day Dr. Sonal Kame. Asst Professor. R.D.G. College Akola. Research Person For The Soft Skill Development Guide The Student On The Topic 'Motivation' In First Session And 'Goal Setting' In Second Session .

Day 3

24th March 2019

On Third Day Dr. Rohit Agrawal Assit Professor Shri R. L.T. College Of Science , Akola Deliver The Lecture On 'Time Management' In In First Session And In Second Session He Guided The Student On ' Interview Skills' .

This Session Was Conducted By Dr. Dr. Rohit Agrawal On Presentation Skill.

Day 4

25th March 2019

On The Fourth Day In First Session Dr. R.D. Choudhary Deliver Lecture On 'Character ethics & Moral' And In Second Session Dr. Chapke Deliver Lecture On 'Resume Writing'.



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

the college.

A committee named “SKY OBSERVATION CLUB” was formed in Oct.2012 under the chairmanship of Hon. Principal Dr. V.D. Nanoty and under the guidance of a renowned astronomer and NASA educator Dr. N. K. Oke. Dr.

S. M. Padhye and Prof. S. W. Bhaware Dept. of Mathematics has been worked as a Coordinator and secretary of the committee. Prof. Archana H. Amaley and Prof. Sudhir R. Kohchale from Dept. of Zoology has worked as a member of the committee.

In the year of 2018, the SOC committee was reformed. Prof. S. R. Jaiswal, from Dept. of Physics has become a coordinator of the committee under the chairmanship of Hon. Principal Dr. V.D. Nanoty. Dr. S. M. Nagrale, Dr. A. H. Amley, Dr. S. R. Kohchale, Shri. R. B. Ghayalkar, Shri P. P. Gedam, Dr. R. M.

Agrawal, Dr. A. A. Sangole, Dr. R. L. Rahatgaonkar, Shri. S. V. Madavi is a member of the committee. Dr. P. A. Nagpure, Dept. of Physics, Shri Shivaji Science, College, Amravati, and Dr. Nitin Oke, Astronomer and NASA educator, Akola is the technical advisors of the committee.

Objectives and Goals of SOC:

- To develop an interest in the field of Astronomical Sciences among the students and staff.
- To improve the skills and knowledge of students through sharing experiences and information in lectures, demonstrations, and other group activities.
- To enable students to observe the Sky through a telescope and gain a basic understanding of astronomy and space science.
- To inculcate public awareness and appreciation of Astronomy as a hobby and science.
- To motivate students for scientific study in the field of space and Astronomy by performing simple projects.
- To extend Sky observations for Mathematics, Physics, Computer, and lifesciences.

For the observation of the sky, the club has:

- A telescope “Sky watcher-8-inch flex Dobsonians (Newtonian reflecting telescope).
- Refractor Telescope
- Sextant
- Two Binoculars (7 X 50 and 7 X 35).
- Star Dials (English & Marathi).
- Green Laser Beam.
- Astronomical Model.
- Celestial Glob.

Sky observation Club in collaboration with the Department of Physics has also conducted a “Diploma Course in Astronomy” under the Department of Lifelong Learning and Extension Services, Sant Gadge Baba Amravati University, Amravati. Prof S. R. Jaiswal has worked as a coordinator of the course.

The various activities have been organized by the SOC in collaboration with a diploma course in astronomy every year. A few big events are mentioned below:

Shri R. L. T. College of Science, Akola, in collaboration with ASEEMIT Space & Environment Center, MITE Education Foundation Pune, has successfully conducted the Social Awareness Programme for Solar Eclipse in the month of December 2019. The club was taken awareness programs in 20 schools in Akola regions from 17th December to 26th December 2019 under the guidance of Prof. S. R. Jaiswal. The video clips and PPTs were shown to nearly 1350 students from schools and institutes. The club also arranged Practical Sessions for Watching Solar Eclipse for the school’s students and public on 26th December 2019 in R.L.T. College of Science, Akola. Prof. S. R. Jaiswal gave the public information about how to watch solar eclipses.

Every year the club has arranged a Guest Lecturer and practical session in the college campus at night as well as in the NSS camp of Shri R.L.T. college of science.

Prof. Shailesh Jaiswal
Coordinator
Sky Observation Club and Diploma in Astronomy

SOC PHOTO GALLERY



Students Visited Astronomical Gallery



Students has been enjoying to watch The Planets Jupiter and Moon through The Telescope



Bhushan Gondachwar delivered a speech on "Astronomy" In R. A. College, Anjangaon surji



Prof. S. R. Jaiswal delivered a speech on "The Universe" In NSS Camp, Gram Apotoi, Apatafa



SOC Volunteer Conduct Social Awareness Program on Solar Eclipse in Schools.



Students Watching Solar Eclipse

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 computersystems in computer science laboratory for those students who doesn't have their own computer system (These tutorial are also run able on mobiledevices.)
- 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**.
-

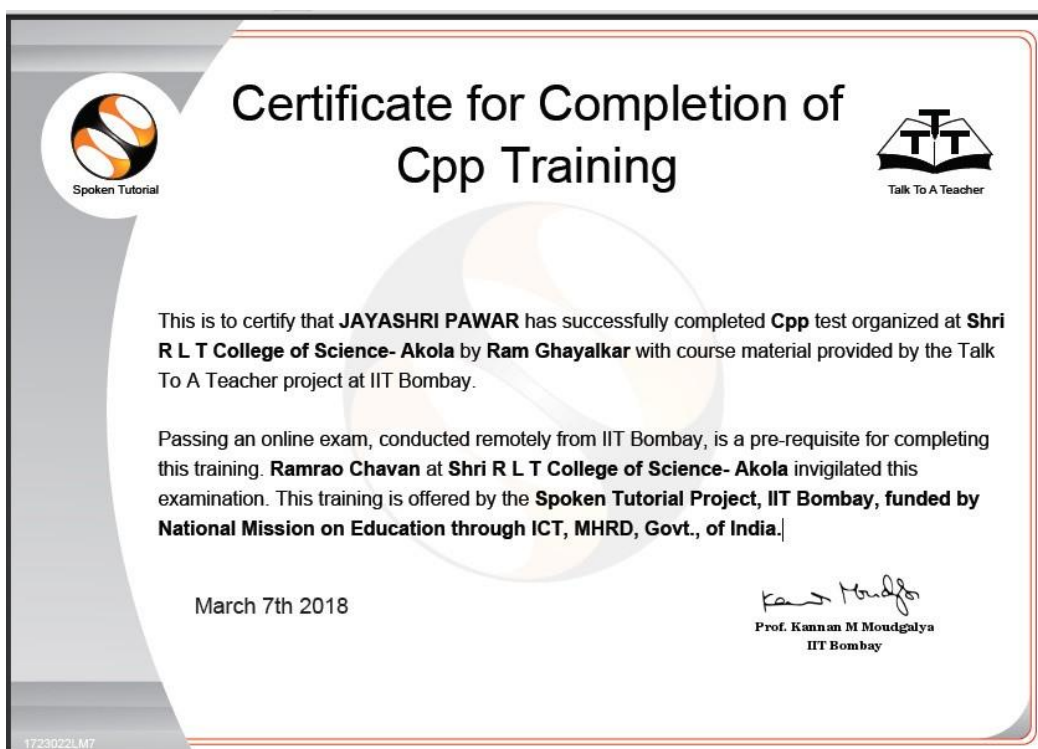
In Final Assessment Test as a Free and Open Source Software on **C++** which is online remotely conducted by IIT Bombay, **07 students** from B.Sc. III successfully passed with above 40 % marks in this test and issued **Certificates** which are offered by the **Spoken Tutorial Project, IIT Bombay**,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

List of Candidate Registered

S No.	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	deokatemg@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




Mr. R. B. Ghayalkar (Assistant Professor) Project/ Workshop Organizer

**Department of Computer Science & IT
Shri R. L. T. College of Science Akola**

Schedule of Spoken Tutorial Training

Date	Time	Contents
1st week of Feb 2018	10 to 11am	Basic, Tokens in C and C++, Functions in C and C++
2nd week of Feb 2018	10 to 11am	Scope of Variables in C and C++, If And Else statement in C and C++, Nested if and switch statement in C and C++, Increment and Decrement Operators in C and C++
3rd week of Feb 2018	10 to 11am	Arithmetic Operators in C and C++, Relational Operators in C and C++, Logical Operators in C and C++
4th week of Feb 2018	10 to 11am	Loops in C and C++, Arrays in C and C++, Strings in C and C++, String Library Functions in C and C++
07-03-2018		Assessment Test Conducted



NRC centre and *Inflibnet* Facility for teachers and students is open by Library department by the hands of **Dr. V. D. Nanoty, Principal**, Shri R. L. T. College of Science, Akola



Opening of Research Centre in Chemistry Principal Dr. V. D. Nanoty sir and other guests and supervisor present

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

DEPARTMENT OF CHEMISTRY

Report of

National level workshop cum seminar On

'Art of Perfume and Soap Making'

It is with great pleasure I share with you the report of National Workshop cum seminar on 'Art of Perfume and Soap making' organized by Crystal Club of Chemistry Department on 8th September 2018. Hon'ble DR. Ranjeet Patil, Minister of Home Affairs was the Inaugurator of the workshop. IAS, District collector, Akola Hon'ble Shri. Astikkumar Pande was the Guest of Honor for this workshop. Hon'ble Dr. R.B.Heda, the President of The B.G.E.Society, Akola was the President for the Programme. The Inauguration of workshop took place in the gracious presence of Honorary Sec. of the

B.G.E. Society Adv. Motisinghji Mohta and All the Executive member of the B.G.E. Society. Er. Ashween Nannware, Scientist, CSIR central Institute of Medicinal and Aromatic Plant Lucknow and Mr. And Mrs. Mukul Agrawal Industrialist of Manufacturing Perfume and fragrance Product, Nagpur was the Resource person of the workshop. More than 500 students from all over the region got benefited by this workshop. All the staff members and members of crystal club organized the event successfully.





E-PATHSHALA STARTED (14 MARCH, 2020)

The e-Pathshala is created for the students of UG and PG of our college. Variety of study material is available designed by our expert faculties.

The idea of e-Pathshala was to provide quality study material for online learning for the students through a centralized and interactive system during Covid19 Pandemic and the e-Pathshala proved to be the perfect solution for such activity.

More focus on e-Learning. We created e-Pathshala on our website, www.rltsc.edu.in/e-pathshala and integrated the Pathshala with 23 Google Classrooms containing stream-wise students. About 1513 students took online education through e-Pathshala. So the teaching through Google Classrooms and other similar platforms is really effective and the results are very impressive. Website link for more details: <http://rltsc.edu.in/e-pathshala>

E-PATHSHALA COORDINATOR SAYS...

First of all I must say that being the e-Pathshala Coordinator is really a proud moment for me. Originally the concept of e-Pathshala was proposed by Honorable Principal Dr. V. D. Nanoty and Dr. R.L. Rahatgaonkar (IQAC Coordinator) on 13 March, 2020. Then under the directions of Principal, I designed the technical framework for it on our college website: www.rltsc.edu.in

The e-Pathshala for senior college was started on 14 March, 2020. Since then, all teachers participated in this activity and supported it by sending their elaborated study material to me through WhatsApp and emails and I promptly started publishing the material, for the students, on e-Pathshala web pages of our college website. You can check the e-Pathshala of the college website, on this link: www.rltsc.edu.in/e-pathshala/

Initially it took about a week to propagate the e-Pathshala concept among students. But by 22.03.2020 as the study material was getting more and more on e-Pathshala, the students were attracted to it and the number of visits on 22 March, 2020 was more than 1500. This was a great success of e-Pathshala. Inspiring with this, I created one Google Classroom for teachers and started posting useful video lectures which would enrich the peculiarities in Google Classroom, YouTube Channel, Video Lecture recording techniques, and many more.

The response of teachers and students grew *exponentially* to the online educational activity of e-Pathshala. The variety of study material started pouring-in and it started enriching the e-Pathshala with variety of study material. The teachers actively responded to the students through e-Pathshala through different media and the students got relieved to have such platform of e-Pathshala, which eased them in their studies as an oasis, in the comforts of their home, during COVID-19 lockdown periods.

I myself feel proud to have been the integrated part of e-Pathshala and thankful to **Principal, Dr. V.D. Nanoty** for giving me this opportunity to work on e-Pathshala as a *coordinator*...!

ACTIVITY REPORT OF E-PATHSHALA DURING COVID-19 LOCKDOWN

Sr.	Date (from – to)	In charge Teachers Name	Name of Activity/Training Course/Awareness Programme	Beneficiary	Report (2-3 Lines)
1	19.03.2020	Dr.Samadhan Munde	Corona Awareness Campaign by NSS Unit	10	Flex displaying Do's and Don'ts to stop the spread of infection Covid-19
2	19.03.2020	Dr. Rashmi JoshiSawalkar	Corona Awareness Campaign by NSS Unit	100	Flex displaying Do's and Don'ts to stop the spread of infection Covid-19

CRITERION I: CURRICULAR ASPECTS

3	23.03.2020	Dr. Rajesh Chandrawanshi	Immunity and Physical Fitness Awareness Programme	340	This video was uploaded on YouTube, WhatsApp's various groups and link shared with college's E-Pathshala.
4	27.03.2020	Dr. Rajesh Chandrawanshi	Stretching Exercises Information Awareness Programme	720	This video was uploaded on YouTube, WhatsApp's various groups and link shared with college's E-Pathshala
5	27.03.2020	Dr. Rajesh Chandrawanshi	Stretching Exercise for All Practical session/ Training Awareness Programme	900	This video was uploaded on YouTube, WhatsApp's various groups and link shared with college's E-Pathshala
6	28.03.2020	Dr. Rajesh Chandrawanshi	Skipping Rope Practical Session/ Training Awareness Programme	130	This video was uploaded on YouTube, WhatsApp's various groups and link shared with college's E-Pathshala
7	30.03.2020	Dr. Rajesh Chandrawanshi	Warm-Up Exercises Practical Session / Training Awareness Programme	250	This video was uploaded on YouTube, WhatsApp's various groups and link shared with college's E-Pathshala
8	06.04.2020	Dr. Rajesh Chandrawanshi	Self Defense Self Defense Technique for Girls Training/ Awareness Programme	430	This video was uploaded on YouTube, WhatsApp's various groups and link shared with college's E-Pathshala
9	19.04.2020	Mr. Shailesh Jaiswal	Corona Disease Awareness Campaign in adopted village Apoti-Khurd by NSS Unit	996	The NSS team under the guidance of NSS department of SGBAU Amravati University, Amravati, conducted an online "Corona Awareness Quiz" in Marathi language to make awareness in the villagers of NSS adopted gram Apoti (Kd.).
10	19.04.2020	Dr. Rashmi Joshi Sawalkar	Corona Disease Awareness Campaign in adopted village Apoti-Khurd by NSS Unit	996	NSS team under the guidance of NSS department of SGBAU Amravati University, Amravati, conducted an online "Corona Awareness Quiz" in Marathi language to make awareness in the villagers of NSS adopted gram Apoti (Kd.).

CRITERION I: CURRICULAR ASPECTS

1 1 .	20.04.2020	Dr.Samadhan Munde	Awareness about Novel Corona Virusby NSS Unit	500	<p>1. About 50 NSS volunteers of the college doing awareness through social media by making different posters and Banners.</p> <p>2. Some volunteers were made cloth masks at home and those masks were distributed to the poor and needy people by keeping social distancing.</p> <p>3. All the volunteers downloaded the Arogya-Setu App as precautionary measures given by the Government of India.</p> <p>4. Some food Packets Distribution in collaboration with some NGO's were done for the poor people by the NSS team.</p>
1 2 .	20.04.2020 onward	Mr. Ram Ghayalkar	Online Awareness Programme on Covid-19	656	COVID-19 Pandemic General Awareness Online Quiz, organized by Shri RLT College of Science, Akola
1 3 .	20.04.20	Dr. Rashmi Joshi Sawalkar	Awareness about Novel Corona Virusby NSS Unit	500	<p>About 50 NSS volunteers of the college doing awareness through social media by making different posters and Banners. Some volunteers were made cloth masks at home and those masks were distributed to the poor and needy people. All the volunteers downloaded the Arogya-Setu App as precautionary measures. Some food Packets Distribution in collaboration with some NGO's were done to the poor people by the authorities of the NSS team.</p>
1 4 .	23.04.2020	Mr. Ram Ghayalkar	Spoken Tutorial Project's Training & Online Assessment Test on JAVA language	24	Department of computer science organized <i>Spoken Tutorial Project's</i> training and online assessment test conducted on 23-04-2020. for student B.Sc. III, In this training students learned FOSS

CRITERION I: CURRICULAR ASPECTS

					(Free and Open Source Software) Java Language.
15	23.04.2020	Mr. M. R. Ubale Mr. A. B. Khedkar	College level online-essay writing competition on the role of corona warriors during COVID-19	20	The essay competition was organized on the occasion of world book day and also to appreciate role of corona warriors. winners and participants were given e-certificates
16.	24.04.2020	Dr. Rajesh Chandrawanshi	“Karate (Part 1)” Basic Karate Practice schedule with scientific knowledge. Training/Awareness Programme	220	This video was uploaded on YouTube, WhatsApp’s various groups and link shared with college’s e-Pathshala
17.	25.04.2020	Dr. Rajesh Chandrawanshi	“Corona Struggle” COVID-19 Awareness Programme through Video	1250	This video was uploaded on YouTube, WhatsApp’s various groups and link shared with college’s e-Pathshala. (With Students)
18.	27.04.2020	Dr. Poonam Agrawal	Online Publication of Creativity and Innovation Magazine on occasion of world Creativity and Innovation Day	25	Various innovative projects are included in this magazine. Students of M.Sc. first year Chemistry participated in this magazine. Laboratory safety and many more are given by the students and all these innovative concepts were published in the form of magazine.
19.	29.04.2020	Dr. Poonam Agrawal & Dr. Aashish Sarap	Online Soft Skill Development Course	417	For the B.Sc. and M.Sc. students. Various videos like reading skill, positivity for overall personality development of students.
20.	29.04.2020	Dr. Rajesh Chandrawanshi	An Approach to Competitive Exams Awareness Programme (through Video)	480	This Video was seen & forwarded by no. of huge viewers on WhatsApp & YouTube link shared with college’s e-Pathshala.

CRITERION I: CURRICULAR ASPECTS

21.	30.04.2020	Dr. Poonam Agrawal	Online Corona Awareness Programme	398	In this programme President of BGE Society Respected Adv. Motisingji Mohta has given his valuable guidance and motivated students Our Respected Principal Dr. V. D. Nanoty also given message for corona awareness. Our experts from various department Dr. Chandrawanshi and Dr. Malpani shared their expertise knowledge regarding corona awareness.
22.	01.05.2020	Dr. Rajesh Chandrawanshi	“Salutation to Corona Warriors” COVID-19 Awareness Programme	570	This Video was seen & forwarded by no. of huge viewers on WhatsApp B.Sc. III Year Students participated in this Video.
23.	27.04.2020 to 02.05.2020	Mr. Ram Ghayalkar	Online Faculty Development Programme FDP on LaTeX	49	Department of Computer Science & IT of Shri RLT College of Science, Akola MS, organized Online Faculty Development Programme FDP on LaTeX in collaboration with Spoken Tutorial Project, IIT Bombay for college faculty members.
24.	05.05.2020 to 19.05.2020	Dr. Rajesh Chandrawanshi	“A Study on the issue of recognition in Reservation of Inter University Sports Certificates received by student athlete in Universities of Maharashtra.” Research Based Programme	820	State Level survey of sports reservation and jobs opportunities related problems of university level players in Maharashtra State. Google Form method used for this survey.
25.	07.05.2020 to 11.05.2020	Mr. Shailesh Jaiswal	e-Certificate course in Astronomy and Astrophysics: A skill development program for teachers/students	500	Dept. of Physics organized this course. Received a huge response from our state and outside the states also.
26.	09.05.2020 to 31.05.2020	Dr. Rajesh Chandrawanshi	“Self Defense against Corona Quiz” Questionnaire based on Corona awareness, Physical Fitness, Immunity	400	Through Google Form 100 participants have participated in this quiz and received Certificate after passing immediately by email.

CRITERION I: CURRICULAR ASPECTS

			and Sports knowledge		
27.	11.05.2020 to 14.05.2020	Dr. Rashmi Joshi Sawalkar	e-Certificate course in Sericulture: A skill development program for teachers and students	504	A huge response of some researchers from different countries like Mauritius, Nigeria, Pakistan and from different states of India.
28.	06.04.2020	Dr. Sushil M. Nagrale Dr. Pradip P. Deohate Dr. Anjali A. Sangole Prof. Vinod D. Deotale (Editors)	Publication of online issue of science magazine "infoSCIENCE", Volume-02, No.-01(2020).	30	The Volume-02, No.-01 (2020) online issue of "infoSCIENCE" was released at the hands of Principal Dr. V. D. Nanoty on 06.04.2020. In a short period of time this science magazine becomes successful in propagating the science information amongst the students and its readers.
29.	04.05.2020 to 11.05.2020	Dr. Pradip P. Deohate (Convener)	Certificate Course in Spectroscopic Techniques in Chemistry (STC-2020) (Online).	501	The online "Certificate Course in Spectroscopic Techniques in Chemistry" was conducted by Department of Chemistry for the teachers, students and researchers during 04.05.2020 to 11.05.2020 to provide detailed information about various spectroscopic techniques and to increase the conceptual understanding.
30	11.05.2020 to 15.05.2020	Dr. Pradip Deohate (Organizing Secretary)	National Online Workshop on Operating Techniques of Scientific Instruments in Laboratory (OTSIL-2020)	375	The "National Online Workshop on Operating Techniques of Scientific Instruments in Laboratory" in collaboration with IQAC was organized for the teachers, students and researchers during 11.05.2020 to 15.05.2020 to make the participants familiar with the operational techniques of scientific instruments commonly used for undergraduate and postgraduate studies in basic sciences.
Beneficiaries Number				13111	



HIGHLIGHTS OF E-PATHSHALA

During the complete phase of our e-Pathshala online teaching activity, the variety of study material was posted by our teachers for the students on e-Pathshala. Since the material is extremely large in size, variety and number, only the approximate figures are given below.

Sr.	Type of Study Material on e-Pathshala	Approximate Number
1.	Online activities	30
2.	Topicwise Video Lectures	248
3.	Topicwise Study Notes	243
4.	PowerPoint Slideshows	118
5.	Topicwise Assignments	316
6.	Topicwise Question Papers/ Question Banks	318
7.	Topicwise MCQ Test Papers	289
8.	Topicwise Crossword Puzzles	09
9.	Leisure Reading Books + Useful Journals Links	124
10.	Health Awareness & Fitness Videos	11
Total		1706

STATISTICS OF E-PATHSHALA

Sr.	Particulars	Approximate Number
1	Total visits recorded on home page of college website	134310
2	Total visits on e-Pathshala page during Session-1	28400
3	Total visits on e-Pathshala page during Session-2	12800
4	Total visits for Online Courses	34900
5	Approximate number of students in Google Classroom	1450
Total		211860

The B.G.E. Society's

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

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



Department of Zoology & IQAC

Conducting

“Diploma Course in Sericulture”

Affiliated by

Sant Gadge Baba Amravati University, Amravati

Department of Lifelong Learning & Extension



Registration
from 31st
December 2021

Last date of
Registration

25th January 2022

Course Fees Rs. 1500/-

Dr. Rashmi Joshi Sawalkar

Course Co-ordinator

Department of Sericulture

Dr. V.D. Nanoty

Principal

For More Details Contact:

Dr. Rashmi Joshi Sawalkar

Course Co-ordinator

Assistant Professor Department of Zoology (Sericulture)

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

Mail ID: rashmisawalkar75@gmail.com

Mob.no. 9923074666

Note:

1. The list of selected students will be displayed on 1st February 2022.
2. For Admission Contact to the Coordinator in Department of Zoology.
3. Regular classes will start from first week of January 2022.
4. Certificate will be provided by University after completion of the course.
5. The Course will start from from January 2022 (Online/Offline as per the Covid-19 Guidelines by the Govt.)

Infrastructure available:

- a) **Classroom:** 3 digital Class Rooms
- b) **Lab:** - Laboratory and silkworm rearing house

Details of course wise teaching aids':-

- i) Books and Notes with library facility.
 - ii) Lectures by Guest and resource persons.
 - iii) e-Resources
 - iv) Practical setup and equipments
 - v) Field and Industrial Visits
- iv) Workbooks / manuals (which are designed by the college):for Project work submission and practical manuals.

Objective of the proposed course work:

1. To give knowledge about silkworm, Mulberry cultivation , silkworm rearing techniques to the students.
2. To make the student aware about Soil to Silk concept.
- 3 To increase the employability of students.
4. To inculcate the entrepreneurship and capacity building among the students.
5. To train the people from poor economic background so as to take Sericulture as a prosperous Carrier
- 6 To ensure sustainable rural economy by adopting Sericulture. 7.To develop an expert manpower to handle the Sericulture units.
8. To make the students aware of Sericulture extension and innovative technologies/ techniques etc.
9. To train the students in Silk production techniques.

Total Credits for the Course:-

S r . N o .	Course/ subject/ Units	Type of theory/ Practical	Cre dits	Tota l Mar ks
1	History and types of Sericulture	PPT, VIDEOS, Guest Lectures	-	20
2	Rearing of silkworms.	PPT, VIDEOS, Guest Lectures	-	20
3	Harvesting of cocoons & Diseases n Preventions	PPT, VIDEOS, Guest Lectures	-	20
4	Marketing and Silk Production	PPT, VIDEOS Guest Lectures	-	20
5	Theory Internal Assessment Theory Attendance and overall Performance	Theory Internal Assessment Theory Attendance and over all Performance	-	20
6	Field work /Project work/Hands on Training and Internship Projects	Field work/Project work/Assignme nt/ Seminars	-	200 M
Total			-	300 M

Syllabus: Theory

Diploma Course in Sericulture (Marks :80 M)

UNIT I: Mulberry & Non-Mulberry sericulture: (16 Marks)

- 1.1 Introduction to sericulture:
- 1.2 Cultivation of food plants.
- 1.3 Bioecology of mulberry silkworms.
- 1.4 Tasar sericulture, Muga sericulture; and Eri sericulture
- 1.5 Scope and Career Opportunities in Sericulture.
- 1.6 Marketing and Maintenance of Seri Products.
- 1.7 Utilisation and recycling of Seri-Waste.

UNIT II: Rearing of silkworms (16 Marks)

- 2.1 Rearing of silkworms.
- 2.2 Equipment's or requirements for rearing.
- 2.3 Favourable Climatic conditions for rearing.
- 2.4 Harvesting of Cocoons

UNIT III: Harvesting and Marketing of Cocoons (16 Marks)

- 3.1 Processing of cocoons.
- 3.2 Stifling and reeling of cocoons
- 3.3 Reeling's selling to Textile mills through Government sanctioned rates.
- 3.4 Government Subsidies and Schemes for Sericulture farming.
- 3.5 Reeling appliances

UNIT IV: Diseases n Preventions (16 Marks)

- 4.1 Diseases of Bombyx mori
- 4.2 Preventive measures for disease free cocoon production.
- 4.2 Predators and parasitoids of silkworm and their management

UNIT V: Sericulture organization and economics (16 Marks)

- 5.1 Marketing of silk, organizational set up of sericulture, economics of mulberry cultivation,
 - 5.2 Economics of cocoon production, economics of seed cocoon,
 - 5.3 Economics of silk production, extension education,
 - 5.4 Classification of various extension teaching methods .
-

Practical Work : (200 marks)

The distribution of marks for practical-I & II will be as follows:

- Students must be performing hands-on Projects/ Internships. (80 marks)
- Students Seminars and report submission on hand-on projects. (20 marks)
- Dissertation and Projects Submission. (80 marks)
- Students presentation on the project and report submission. (20 marks)

Project List:

- Introduction to sericulture:
- Bioecology of mulberry silkworms
- Rearing of silkworms.
- Equipment's or requirements for rearing of Silkworm.
- Diseases of Bombyx mori
- Predators and parasitoids of silkworm
- Prevention and Disease management
- Sericulture and the technical part of silk reeling, stifling and yarn making.
- Tasar sericulture: Life cycle
- Muga sericulture: Life cycle
- Eri sericulture: Life cycle
- Marketing and Maintenance of Silk Products. Etc.



The Berar General Education Society's

**SHRI RADHAKISAN LAXMINARAYAN TOSHNIWAL COLLEGE OF SCIENCE,
AKOLA**

NAAC Re-accredited by 'A' Grade (CGPA-3.12)

Department of Physics & Chemistry



*On The Occasion Of the Golden jubilee year Celebration of college
Department of Physics and Chemistry Organised*

“Educational Tour at Hyderabad”

From 27th February to 2nd March 2020

REPORT

Mr. Shailesh Jaiswal

Organizing Secretary

Dr. Vijay D. Nanoty

Principal

Coordinator

Dr. Pravin Kawale Mr. Sankesh Zyate

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

Report Educational Study Tour-2020

On the occasion of the golden jubilee year celebration, the B.Sc.-II (B1) & B.Sc.-III (P1 to P6) year Students from the Physics & Chemistry department of Shri R.L.T. College of Science, Akola, visited CSIR-Indian Institute of Chemical Technology (IICT) Hyderabad, Telangana, on National Science Day 28th February 2020.

The National Science Day programme was organised by CSIR-IICT and was attended by the students and faculties of the college. It was a great opportunity to listen to Shri P. Raghavendra Rao, IAS, Secretary, Department of Chemical and Petrochemical, Ministry of Chemical and Fertilisers, Govt. of India, who emphasized chemical export and women empowerment in India. He also commented that India would become a leading nation in producing antibiotics in near future. The woman has to play a vital role in the field of research and development in science. Dr. Chandrashekhara, Director, IICT has also explained the significant contribution of IICT in the discovery of pheromones during the educational visit. He expressed contentment with the working efficiency of women of IICT who represent a head of five different divisions of a research laboratory in IICT. The students and faculties had also visited the x-ray machines, PP2, Semiochemicals, NMR Machine, Applied Biology, BEES Lab & few other labs. A group of students interacted with scientists and researchers from various laboratories.

Apart from these students accompanied by faculties also visited the Birla planetarium and Museum, and Salar Jung Museum on 29 February 2020 and collected some useful information regarding space science and historical objects.

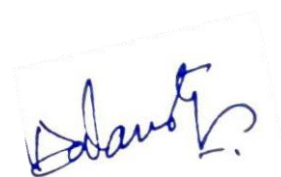
The Department of Physics and Chemistry of Osmania University also became a part of an educational tour, where students went through X-ray diffraction techniques and UV-Visible spectrophotometer technique operation on 01/03/2020. Dr. Prasad, H.O.D. of dept. of Physics, Prof. Ravindra, B.O.S. chairman in the subject of Physics, and Dr. Venkiah, H.O.D. dept. of Chemistry, have

encouraged the students to pursue post-graduation in a relevant subject and work for the betterment of society. The journey started on 27th February 2020 and came to an end on 2nd of March 2020. All 38 students and 4 faculties participated in the tour. The entire tour was planned and organized by Mr. Shailesh Jaiswal Asst. Professor, dept. of Physics and Dr. Pravin Kawle Asst. Professor, Mr. Sankesh Zyate Asst. Professor and Miss. Nikita Zyate madam from dept. of Chemistry under the guidance of Principal Dr. V.D. Nanoty, Shri R. L. T. College of Science College, Akola, and all faculty members of the college.

The students and faculties are thankful to Dr. V. D. Nanoty Sir, Principal and Management of the B.G.E. Society Akola for permitting us to conduct an educational tour in 2020.



Shri S. R. Jaiswal
Organizing Secretary
Shri R. L. T. College of Science,
Akola



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



Share the Stage with Shri P. Raghavendra Rao & Dr. P. Chandrashekhar, CSIR-IICT, Hyderabad



Dr. Sanjay Coordinator of our Visit CSIR-IICT, Hyderabad



Visit XRD Lab. CSIR-IICT, Hyderabad



Visit NMR Lab. CSIR-IICT, Hyderabad



Visit to Birla Planetarium & Museum



Department of Physics Osmania University



Department of Chemistry Osmania University



Husain Sagar



Osmania University Campus, Hyderabad

CRITERION I: CURRICULAR ASPECTS

Shree. R.L.T. College of Science Akola.					
Educational Tour					
Students Name & Details					
SR. NO.	NAME	PHONE NO	E-MAIL	Group	
1	1	Pooja K Deshmukh	7083521780	poojadeshmukh905@gmail.com	P4
2	2	Shubhangi S Dhore	9146872947	shubhangidhore14@gmail.com	P4
3	3	Vaishnavi M Wankhade	7820835534	vaishnaviwankhade2017@gmail.com	P4
4	4	Mayuri D Thakare	9130513240	mayurithakare54@gmail.com	P4
5	5	Aditi A Kolhe	8830658274	aditikolhe3119@gmail.com	P6
6	6	Anuja M Ingle	9096061236	anujamanikrao@gmail.com	P6
7	7	Ishwari R Hingne	9284668032	ishwarihingne0391@gmail.com	P6
8	8	Komal L Varma	8380886865	komalvarma988@gmail.com	P5
9	9	Damani Sanghai	7385050247	Damanisanghai2012@gmail.com	P4
10	10	Trupti S Davhale	8766857515	truptidavhale1@gmail.com	P4
11	11	Bgagyshree R Saitwal	9067257477	brsaitwal1999@gmail.com	P4
12	12	Madhvi S Bondre	8421147945	Madhavibondre76@gmail.com	P4
13	13	Shruti N Kalmegh	7447632526		P4
14	14	Janki Deshmukh	9175374195		P1
15	15	Gayatri Pagrut			P1
16	16	Shnatanu S Wankhade	9529227615	shantanuwankhade2141999@gmail.com	P4
17	17	Rohit R Awadhut	9146333791	rohitawadhut23@gmail.com	P4
18	18	Anuraj G Chauhan	9172814655	anurajchauhan12345@gmail.com	P4
19	19	Dhyaneshwar Pariyal	8788838442	dhyneshwarpariyal07@gmail.com	P4
20	20	Vineet Gupta	9764217804	vineetgupta6047@gmail.com	P4
21	21	Ajinkya Deshmukh	9860747470	deshmukh2000@gmail.com	P4
22	22	Apurva Manatkar	8208324740	apurvamanatkar10@gmail.com	B1
23	23	Shraddha Dalal	7776929588	shraddhadalal1021@gmail.com	B1
24	24	Gauri Mahulkar	8788847136	gmahulkar1432@gmail.com	B1
25	25	Prerana Mulay	7620420734	prernam2302@gmail.com	B1
26	26	Simaran Purswani	7276947020	simranpurswani@gmail.com	B1
27	27	Manju Fulwani	9922425817	mfulwani792@gmail.com	B1
28	28	Rachana Pawar	7721010056	rachupawar22@gmail.com	B1
29	29	Kshitija Shirsat	9325661189	kshitushirsat2000@gmail.com	B1
30	30	Laxmi Thakur	7420949573	laxmithakur272000@gmail.com	B1
31	31	Anchal Dhankani	9359238271	anchaldhankani2723@gmail.com	B1
32	32	Rucha Bhate	7888244461	ruchabhate1599@gmail.com	B1
33	33	Vaishanvi Nimaje	9370294440	vaishanvinimje111@gmail.com	B1
34	34	Pratiksha Awadhut	7499593137	pratiawadhut02@gmail.com	B1
35	35	Kalyani Tayade	9767367662	kalyanitayade67@gmail.com	B1
36	36	Vaishanvi Jamkar	8766735159	vaishnujamkar88@gmail.com	B1
37	37	Devyani Deshmukh	9284963791	devyani1498@gmail.com	P2
38	38	Komal Kekan	8698725526	komalkekan21@gmail.com	P2
39	39	Aarti Katore	9850862369	aartikatore80@gmail.com	P2
40	40	Priyanka Ingole	9527151091	priyankaingole102@gmail.com	P2
41	41	S. Jaiswal Sir	8806070156	srjaiswal07@gmail.com	Faculty
42	42	P. Akhud Madam	8605933931	pujaakhud94@gmail.com	Faculty
43	43	S. Zyate Sir	9923318886	zshanky19@gmail.com	Faculty
44	44	N. Zyate Madam	9665635806		Faculty
45	45	P. Kawale Sir	9850378098		Faculty





The Berar General Education Society's, Akola
(Regd. No. F65 B'bay Public Trust Act.)

SHRI RADHAKISAN LAXMINARAYAN TOSHNIWAL COLLEGE OF SCIENCE, AKOLA

(R.L.T. COLLEGE OF SCIENCE)
CIVIL LINES, AKOLA - 444 001 (MAHARASHTRA)

: Recognized By :

Govt. of Maharashtra & Permanently Affiliated to S. G. B. Amravati University, Amravati.

Ph. No. 0724 - 2415480

Fax - (0724) - 2415650

Post Box No.60

NAAC REACCREDITED

GRADE 'A'

WITH CGPA - 3.12

COLLEGE CODE - 210

Website : www.rltsc.org

E-mail: principal@rltsc.org

principal@rltsc.edu.in

L.No.: 275/2019-20

Date: 11/01/2020

3 JAN 2020

To,
The Director,
CSIR-Indian Institute of Chemical Technology
Hyderabad.

Subject: **To Get Permission to Visit Physics / Chemistry Division CSIR-IICT, Hyderabad**

Respected Sir,

The Department of Physics / Chemistry, Shri R. L. T. College of Science, civil lines Akola, under the B. G. E. Society, Akola, seeks permission for B.Sc. Students to visit Physics / Chemistry Division CSIR-IICT, Hyderabad for an educational tour. We believe that visiting a Government Research Institute like IICT would inspire them in science and it will be a good learning experience to them. As part of the curriculum of the student educational tour is necessary for increasing practical knowledge and research interest, so kindly grant us permission to visit your institute with a team of 50 candidates (including faculty).

We would like to visit on **last week of February 2020.**

Your Coordination in this regard will not only help the cause of education but will also strengthen the youth of the nation.

Waiting with Anticipation

With Regards,

Prof. S.R. Jaiswal
(Mob No.: 8806070156)
Dr. Pravin Kawale
(Mob No.: 9850378098)

Coordinator



(Dr. V. D. Nanoty)

Principal

Principal

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



The Berar General Education Society's, Akola
(Regd. No. F65 B'bay Public Trust Act.)

SHRI RADHAKISAN LAXMINARAYAN TOSHNIWAL COLLEGE OF SCIENCE, AKOLA

(R.L.T. COLLEGE OF SCIENCE)

CIVIL LINES, AKOLA - 444 001 (MAHARASHTRA)

: Recognized By :

Govt. of Maharashtra & Permanently Affiliated to S. G. B. Amravati University, Amravati.

Ph. No. 0724 - 2415480

Fax - (0724) - 2415650

Post Box No.60

NAAC REACCREDITED

GRADE 'A'

WITH CGPA - 3.12

COLLEGE CODE - 210

Website : www.rltsc.org

E-mail: principal@rltsc.org

principal@rltsc.edu.in

L.No.: 311

Date: 22/01/2020

To,
Divisional Manager
Indian Railway,
Akola Division.

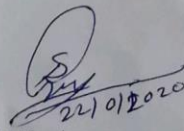
Subject: **To Get Travel Concessions For Educational Tour At Hyderabad.**

Respected Sir,

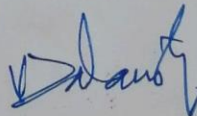
The Department of Physics / Chemistry, Shri R. L. T. College of Science, civil lines Akola, under the B. G. E. Society, Akola, will be visiting CSIR-IICT, Hyderabad. The total 40 candidates (including faculty) will be going to the above mention subject. The list of members is attached with this application.

Your Coordination in this regard will be help the cause of education.

With Regards,


22/01/2020
Prof. S.R. Jaiswal
(Mob No.: 8806070156)
Dr. Pravin Kawale
(Mob No.: 9850378098)
Coordinator




(Dr. V. D. Nanoty)
Principal,
Shri R. L. T. College of Science
Civil Lines, AKOLA (M.S.)

From: pravink280685@rediffmail.com
To: "Director IICT" <director@iict.res.in>, "Dr M Chandra Sekharam" <headkim@iict.res.in>, "Sanjay B.D." <bdsanjay@iict.res.in>
Sent: Tuesday, January 14, 2020 4:36:55 PM
Subject: To get permission for visiting Chemistry Division IICT, Hyderabad

To,
Director
IICT, Hyderabad

Respected Sir
Department of Physics / Chemistry, Shri RLT College of Science, Akola, wish to visit Chemistry Division IICT, Hyderabad, as a educational study tour for B.Sc-3 students in the month of February (Last week), Total 50 candidates including 5 faculties seeking permission to visit the institutes. We will be obliged if you grant the permission for the same. **(Permission letter on college letterhead is attached here in the attachment).**

Thanking you
Looking forward to here from you

Regards
Dr. Pravin Kawle
Shri RLT College of Science, Akola

Dear Sir,
Greetings from CSIR-IICT,
You are welcome to visit us on **28-02-2020**. Please note the time 10 AM to 1 PM Only and please be here by 9.45 AM.
For any further information contact me on 9866428793/040 27191404.
Thanks and Regards,
Dr Sanjay

From: "Dr M Chandra Sekharam" <headkim@iict.res.in>
To: pravink280685@rediffmail.com
Cc: "Director IICT" <director@iict.res.in>, "Sanjay B.D." <bdsanjay@iict.res.in>
Sent: Wednesday, January 15, 2020 10:23:10 AM
Subject: Re: To get permission for visiting Chemistry Division IICT, Hyderabad

Kindly read college as Colleague, a typo mistake.
Thanks for your understanding.
M. Chandrasekharam

Dear Dr. Pravin,
Thank you for your interest. My college, Mr. Sanjay will provide the information and coordinate the visit.
Best regards.
M. Chandrasekharam

IICT, Hyderabad  Inbox



Pravin Kawle 28 Jan
to me v



From: "Pravin Kawle" <pravink280685@rediffmail.com>
Sent: Tue, 28 Jan 2020 20:17:45
To: "Sanjay B.D." <bdsanjay@iict.res.in>
Subject: Re: To get permission for visiting Chemistry Division IICT, Hyderabad

Dear sir
Thanking you on behalf of my college for granting us permission to visit IICT, Hyderabad. on 28/02/2020 Please find here in the attachment the list of students participating in the educational tour at IICT, Hyderabad along with Faculties.

Regards
Dr. Pravin Kawle, MSc Chemistry Ph. D.
Assistant Professor, Department of Chemistry
Shri RLT College of Science, Akola

From: "Sanjay B.D." <bdsanjay@iict.res.in>
Sent: Thu, 16 Jan 2020 13:09:00
To: pravink280685@rediffmail.com
Subject: Re: To get permission for visiting Chemistry Division IICT, Hyderabad

Please send the list of the students and list of the faculties with phone nos and mail ids.

**SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA DEPARTMENT OF PHYSICS &
CHEMISTRY EDUCATIONAL TOUR SCHEDULE/NOTICE**

Day-1:

27/02/2020 Thursday, (Travelling Day)

Travelling from Akola to Kachiguda by train: 17642 Kachiguda Intercity Express. Timing: 9:30 am to 8:15 pm

Day-2:

28/02/2020 Friday

Visit ICT Chemistry Laboratory and ICT Campus, CSIR Labs. Timing: 9 am to 6 pm

Day-3:

29/02/2020 Saturday

Visit Birla Planetarium, Birla Museum & Neharu Zoo Park Timing: 9 am to 6 pm

Day-4:

01/03/2020 Sunday

Ramoji Film city, Timing: 9 am to 6 pm.

Day-5:

02/03/2020 Monday, (Travelling Day)

Usmaniya University Campus, Shopping at Charminar region and Return Travelling from Secunderabad to Akola by train: 19714 Jaipur -Secunderabad Express. Timing: 6 pm to 7 am.



Shri S. R. Jaiswal
Coordinator
Shri R. L. T. College o Science, Akola



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

Stay at CSIR-IICT HOSTEL 27th and 28th Feb. Night



Stay at HOTEL SRI MAYURI 29th Feb & 1st March. Night.



All Internal Travelling with Bus





Opening of Research Centre in Sports and Physical Education, Dr. V. D. Nanoty sir, Principal Dr. R. D. Chandrawanshi, Director of DPE, other guests and supervisor present

JANUARY 2020

NATIONAL CONFERENCE 2020

National Conference on Multidisciplinary Research in Science and Technology for Healthy Lifestyle Management was arranged in our college on Friday, 24th January 2020.

Website link for more details: <http://rltsc.edu.in/2020/01/30/national-conference-2020/>



SKILL DEVELOPMENT PROGRAMME IN FWAC

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.

Website link for more details: <http://rltsc.edu.in/2020/01/22/skill-development-programme-in-fwac/>



TENTH ANNUAL CONFERENCE

The District English Language Teachers' Association, Akola (DELTA) organized the 'Tenth Annual Conference' in collaboration with RLT College of Science, Akola and District Education Office, Akola, on Monday, 20th January 2020. The theme of the conference was 'Know Thy Coursebook'.

Website link for more details: <http://rltsc.edu.in/2020/01/22/tenth-annual-conference/>





Boys Seating in Library



Girls Seating Library

Silent Zone is maintained with separate seating arrangements of boys and girls of inDepartment of Library, Shri R. L. T. College of Science, Akola

SHRI R.L.T. COLLEGE OF SCIENCE
AKOLA

संत गाडगे बाबा अमरावती विद्यापीठ

Inward No. 698
Dated 09-10-2020आजीवन अध्ययन व विस्तार विभाग
क्र.संगाबाअवि/DLL/426/142/2020
दिनांक :- 06/10/2020

प्रती,

श्री . राधाकीसन लक्ष्मीनारायण
तोशनीवाल विज्ञान महाविद्यालय,
अकोलाविषय :- अल्पकालीन प्रमाणपत्र/पदविका अभ्यासक्रम सुरु करण्यास मान्यता
देण्याबाबत.

संदर्भ :- पत्र क्र. 929, दि. 99/03/2020

महोदय,

उपरोक्त संदर्भाकित पत्रान्वये आपण मागणी केल्यानुसार खालील अल्पकालीन प्रमाणपत्र/पदविका अभ्यासक्रम सुरु करण्यास आजीवन अध्ययन व विस्तार मंडळ, संत गाडगेबाबा अमरावती विद्यापीठ यांनी खालील नमूद अटी व शर्तीचे अधिन राहून मान्यता प्रदान करण्यात येत आहे.

अ. क्र.	अभ्यासक्रमाचे नांव	अभ्यासक्रमाचा कालावधी	अभ्यासक्रम सुरु करण्याचे वर्ष	प्रवेश क्षमता
1.	Diploma in Astronomy	6 Month	2020-21	20
2.	Diploma in Sericulture	6 Month	2020-21	20

अटी व शर्ती -

- अभ्यासक्रमिका, परिक्षा योजना विद्यापीठाने प्रसिध्द केल्यानुसार राहिल.
- अभ्यासक्रमाचे सर्व प्रकारचे शुल्क विद्यापीठाने निर्धारित केल्यानुसार राहिल. (सोबत जोडलेले परिशिष्ट पहावे.)
- अभ्यासक्रमासाठी लागणाऱ्या सर्व सोई-सुविधा संस्थेने/महाविद्यालयाने उपलब्ध करून घ्याव्यात.
- विद्यापीठाने मान्य केलेल्या प्रवेश क्षमतेपेक्षा जास्त विद्यार्थ्यांना प्रवेश देता येणार नाहीत.
- विद्यार्थ्यांची नोंदणी, परिक्षा, प्रात्यक्षिक व विद्यापीठ हिस्स्याची रक्कम विद्यापीठात Registrar, Sant Gadge Baba Amravati, University यांचे नावे काढलेले बँक Demand Draft द्वारे जमा करावी लागेल.
- सदर अभ्यासक्रम स्वयंनिर्वाही तत्त्वावर सुरु करावयाचा असल्याने सर्व प्रकारचा खर्च महाविद्यालयास करावा लागेल.
- प्रवेशित विद्यार्थ्यांची यादी प्रपत्रात भरून विहित मुदतीत संचालक आजीवन अध्ययन व विस्तार विभाग यांचेकडे सादर करावी लागेल.
- अभ्यासक्रमाचे परिक्षा आयोजन विद्यापीठ निदेश क्र. 89/2019 व 24/2019 मध्ये नमूद तरतुदीनुसार करण्यात येईल.
- अभ्यासक्रमासंबंधी वेळोवेळी प्रसिध्द अधिसूचना, विनियम, अध्यादेश, परिपत्रकांचे चलत कराले लागेल.

ILW
Shri. Jaiswal, Dr. Rohit Agrawal.
Dr. Rashmi Toshii

आपला विश्वासु
श्रीकांत पाटील
(डॉ. श्रीकांत पाटील)
संचालक
आजीवन अध्ययन व विस्तार विभाग

The B.G.E. Society's

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

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



DEPARTMENT OF PHYSICS &
INTERNAL QUALITY ASSURANCE CELL (IQAC)
Conducting
"DIPLOMA COURSE IN ASTRONOMY"
Accredited by
Department of Lifelong Learning & Extension
Sant Gadge Baba Amravati University, Amravati.

ORGANISERS

Shri S. R. Jaiswal
Course Coordinator

Dr. V.D.D. Nanoty

Principal/ Chairman

For More Details Contact to:

Shri Shailesh R. Jaiswal (Coordinator)

Asst. Professor, Department of Physics

Shri R. L. T. College of Science, Akola (Mail ID: srjaiswal07@gmail.com)

Mob. No.: [8806070156](tel:8806070156))

1. *The Course will be start from 17st January 2022 (Online)*
2. *For Admission Contact to Coordinator in Physics Department.*
3. *Certificate will be provided by University after successfully completion of the course.*

Objective of the course:

- To develop interest in the field of astronomical science among students.
- To cultivate public awareness and appreciation of astronomy as a hobby and science.
- To motivate students for scientific study for higher education in the field of space and astronomy by performing simple projects.
- To developed the skill how to designed optical instruments so that students enable to start business/projects of astronomical instruments.

Details of the Physical Infrastructure to be provided for the course:

i) Classroom: Sufficient class rooms are available in the college for online and offline classes.

ii) Library: Books of Astronomy are available in our library

iii) Practical set:-

- A telescope "Sky watcher-8 inch flex Dobsonians (Newtonian reflecting telescope).
- Refractor Telescope
- Sextant
- Two Binoculars (7 X 50 and 7 X 35).
- Star Dials (English & Marathi).
- Green Laser Beam.
- Astronomical Model.
- Celestial Glob.

Course Details:-

Sr. No.	Course/subject/Units	Type of Theory/ Practical	Credits	Total Marks
1	History of Astronomy	PPT, VIDEOS Lectures	-	20
2	Sky and Coordinate system in Astronomy	PPT, VIDEOS Lectures	-	20

CRITERION I: CURRICULAR ASPECTS

3	Sky observations at night	PPT, VIDEOS Lectures	-	20
4	Astronomical Instruments	PPT, VIDEOS Lectures	-	20
5	Theory Internal Assessment	Theory Attendance and overall Performance	-	20
5	Practical	Observatory and Hands-onProjects	-	200
	Total		-	300

Draft Syllabus

Unit I: History of Astronomy

(20 Marks)

- Pre historic astronomy
- Early ideas of heavens
- Astronomy as tool in everyday life and basis for religion.
- Contributions by ancient Hindu, Arabic and Greek astronomers or thinkers like Ptolemy, Aryabhata, Varahmir, Nicolas Copernicus, Johannes Kepler, Galileo Galili, Tycho Brahe, Issac Newton etc.

Unit II: Sky and Coordinate system in Astronomy (20 Marks)

- Aspect of sky at a given place
- Sky conditions for astronomical observations
- Identification of some prominent stars in the night sky
- Spherical coordinate system.
- Latitude and longitude at a place on the earth.
- Celestial coordinate system (RA and Dec).
- Concept of celestial equator, elliptic and equinoxes.
- Precession of equinoxes.
- Astronomical definition of time.
- Visual magnitude system for stars and planets.

Unit III: Sky observations at night

(20 Marks)

- Ideal sky for astronomical observations.
- Constellation including Zodiac belt.
- Sky charts.
- Motion of moon.
- Apparent motion of sun.
- Motion of planets.

Unit IV: Astronomical Instruments

(20 Marks)

- Sextant: Principle of working and its application for measurement of coordinates of stars and planets.
- Introductions about lenses and mirrors.
- Types of Telescope, Constructions & Working, Handling the Telescope, Binocular, Telescope with mobile camera.

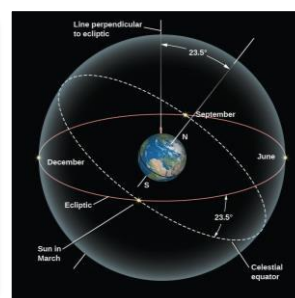
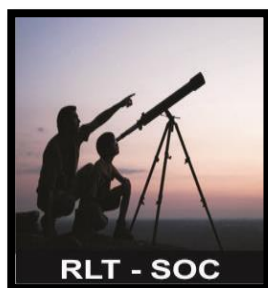
Practical Work : (200 marks)

The distribution of marks for practical-I & II will be as follows:

- Students must be performing **hands-on Projects**. (80 marks)
- Students give Seminar on selected hand-on project and submit it report (20 marks)
- Students must be performing **observatory Projects**. (80 marks)
- Students give Seminar on selected observatory project and submit it report (20 marks)

Tentative Project List:

- Phases of the Moon
- Measuring the Diameter of the Sun
- Apparent motion of the sun
- Polari the north star/Ursa Major
- Planets and Planetary Systems
- Nebulas and Galaxy
- Mechanism of the Seasons
- Constellation including Zodiac belt
- Solar & Lunar eclipse
- Telescope Making
- Spacecraft
- Rocket Launcher
- Artificial Satellite





**SANT GADGE BABA
AMRAVATI UNIVERSITY**
AMRAVATI - 444602
(M.S.)

☎ : 2662206, 2662207, 2662208, 2662249, 2662358. **FAX NO.** 0721-2660949, 2662135
website : www.sgbau.ac.in

Email: reg@sgbau.ac.in

Department of Lifelong Learning & Extension

Department of Lifelong Learning & Extension
No. SGBAU/DLLE/526/283/2022
Date:- 07/09/2022

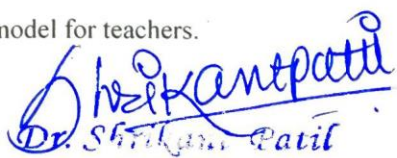
Certificate of Appreciation

This is to certify that Shri Radhakisan Laxminarayan Toshniwal College of Science, Akola (Maharashtra State) college code - 210 was designed the following six moth skill based Diploma Courses.

Hence provide an appreciation certificate to the college by Department of Lifelong Learning and Extension, Sant Gadge Baba Amravati University, Amravati.

Sr.No.	Name of Course	Duration of Course	Name of the Course Designer
1.	Diploma in Sericulture	6 Months	Dr. R. P. Joshi Asst. Professor Dept. Zoology
2.	Diploma in Astronomy	6 Months	Shri S. R. Jaiswal Asst. Professor Dept. Physics

I wish her/him success in the future and become a role model for teachers.


Dr. Shrikant Patil
DIRECTOR
Dept. of Lifelong Learning
& Extension
Sant Gadge Baba Amravati University

COVID-19 VACCINATION CAMP HELD AT OUR COLLEGE

28 October 2021

The Covid-19 Vaccination Camp was organized by the NSS (National Service Scheme), NCC, Department of Physical Education & Sports and IQAC of Shri RLT College of Science, Akola in Collaboration with Akola Municipal Corporation under the “Mission Yuva Swasthya”. Total 93 students above 18 years were administered the doses of Covishield Vaccine.



NOVEMBER 2021

COVID-19 VACCINATION AWARENESS CAMPAIGN

27 November 2021

The NSS unit of Shri RLT College of Science, Akola with Akola Municipal Corporation organised the Covid-Vaccination Awareness Campaign from 25 November to 30 November 2021.

On date 27/11/21 the Covid Vaccination Awareness Street Play was presented by the NSS volunteers at different places city. For the event Hon. Mr Jawde, Deputy Commissioner, Akola Municipal Corporation, Dr Anup Chaudhari, Dr Asn Pathak, Dr Mudgal, Health Dept.of MC Akola were present for the event. Some girl volunteers of the NSS unit were doing the job at call center at Municipal Corporation, Akola.



DECEMBER 2021

ONE DAY NATIONAL SEMINAR ON NATIONAL EDUCATION POLICY – 2020

03 December 2021

College in collaboration with S.G.B. Amravati University, Amravati organises One Day National Seminar on National Education Policy – 2020. Dr. Avinash Mohril, Principal Mahila College Amravati was the Chief Resource Person.



To,

The Chairman

BoS, Biochemistry including Microbiology and Food Science

Sant Gadge Baba Amravati University, Amravati.

Subject: Regarding revision of B.Sc and M.Sc curriculum for Biochemistry and Microbiology

Respected Sir,

I am writing this letter to bring to your notice about the requirement to revise the syllabus of UG and PG for Biochemistry and Microbiology. The need has been raised considering the challenges faced by the students after completion of the respective programs. Microbiology and Biochemistry are the major subjects in life sciences. When the students opt for exams like NET-JRF, SET and GATE, they are required to have in depth knowledge of their subjects. Often students lack experimental skills and scientific temper even after post-graduation program. When students are hired for jobs, they are overwhelmed by the techniques and working systems.

To curb these problems, the curriculum needs to be revised considering the challenges faced by the students. The following suggestions can be implemented:

- The syllabus of B.Sc and M.Sc should focus on channeling the concepts of the subjects with respect to various competitive exams.
- Skill development and hands-on training can be done by introducing a module for skill development along with the theory syllabus.
- The students can be prepared for new workplace by introducing internship or field training in the curriculum.
- Considering the recent COVID-19 pandemic, a specialization on Virology can be introduced in P.G. Microbiology.

As per the above scenario, I request you to consider these suggestions for the forthcoming syllabus revision.

Thank you.

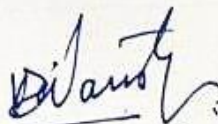
Date: 25/01/2021


Dr. H.S. Malpani

Head, Department of Microbiology

Shri R.L.T College of Science, Akola

Received application
from Shri R.L.T.
College of Science
Akola.





Shri R. L. T. College of Science, Akola
(Regd. No. F65 B'bay Public Trust Act.)
SHRI RADHAKISAN LAXMINARAYAN TOSHNIWAL COLLEGE OF SCIENCE, AKOLA
(R.L.T. COLLEGE OF SCIENCE)
CIVIL LINES, AKOLA - 444 001 (MAHARASHTRA)

: Recognized By :

Govt. of Maharashtra & Permanently Affiliated to S. G. B. Amravati University, Amravati.

Ph. No. 0724 - 2415480

Fax - (0724) - 2415650

Post Box No 60

NAAC REACCREDITED

GRADE 'A'

WITH CGPA - 3.12

COLLEGE CODE - 210

Website : www.rltsc.org

E-mail: principal@rltsc.org

principal@rltsc.edu.in

L.No.: Q

076

Date: 27.01.2022

To,
Chairman
BOS, Chemistry
S. G. B. A. University, Amravati

Subject : To omit difficult portion of practical syllabus of chemistry, Semester-I

Respected sir

As per the above subject, I would like to attract your attention on some practical portion of syllabus of B. Sc. I, Chemistry, Sem-I, which our student finds difficult to perform. On the basis of student's feedback on curriculum, students suggesting to omit this inorganic qualitative analysis from this sem-I, as it is difficult to perform at their level and lengthy protocols diminishing their interest in performing chemistry experiments in the laboratory. We are not denying the importance of inorganic qualitative analysis but it can be incorporated in the 2nd or 3rd year chemistry syllabus.

So therefore, we request you to do the needful for incorporation of this suggestion if possible.

Thanking you.

Yours

P. T. Agrawal
Dr. P. T. Agrawal
Head, Department of Chemistry

Date:

Place: Akola

Dr. S. P. Mahur
BOS, Chemistry
31/01/2022



V. D. Nanoty
Principal
Dr. V. D. Nanoty
Shri R. L. T. College of Science, Akola
Principal
Shri R. L. T. College of Science
Civil Lines, AKOLA (M.S.)

Difficult Portion of Practical Syllabus of Chemistry, Semester-I**Exercise 1: Inorganic Qualitative analysis****12 Laboratory sessions**

Semimicro Qualitative Analysis of Inorganic Salt (at least six mixtures to be given)

(Two acidic radicals and two basic radicals of same or different groups)

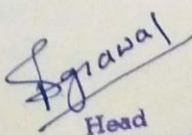
Following radicals to be given carbonate, nitrite, sulphite, sulphide, chloride, bromide, iodide, nitrate and sulphate, silver(I), lead(II), copper(II), bismuth(III), cadmium(II), tin(II), arsenic(III), antimony(III), iron(III), chromium(III), aluminium(III), nickel(II), cobalt(II), manganese(II), zinc(II), calcium(II), strontium(II), barium(II), magnesium(II).

On the basis of students feedback on curriculum, we are suggesting you to revise the syllabus of B.Sc.-I, Chemistry, Semester-I in some extent, as our students are facing certain difficulty with some portion of the existing syllabus. They suggested us in their feedback for chemistry practical syllabus that inorganic qualitative analysis (Exercise 1) should not be part of Sem-I or Sem-II syllabus.

Difficulties Faced by the Students of Semester-I, Chemistry are as under-

- Student of B.Sc.-I finds difficult to analyse and identify the radicals of same group
- Only 12 laboratory sessions are not enough to understand Semimicro qualitative analysis thoroughly
- Lengthy protocols of Semimicro qualitative analysis diminishing interest of the students to perform chemistry experiments
- Students are facing hardships to perform particular inorganic qualitative analysis at their level even after providing handbook of practical chemistry by the faculty

We are requesting you to consider our suggestion for omission of Semimicro qualitative analysis, semester-I, chemistry practical syllabus and incorporate some other important portion like quantitative analysis in inorganic chemistry.


 Head
 Department of Chemistry
 R. L. T. Science College Akola

शैक्षणिक वर्ष २०२१-२२ अस्तित्वात असलेल्या
महाविद्यालयांमध्ये नवीन अभ्यासक्रम/ विषय/
विशेषस्तर विषय, अतिरिक्त तुकडी, नवीन
विद्याशाखांना मान्यता देणेबाबत.

महाराष्ट्र शासन
उच्च व तंत्र शिक्षण विभाग
शासन आदेश क्रमांक : एनजीसी २०२१/(१०५/२१)/मशि-४
मंत्रालय विस्तार भवन, मुंबई ४०० ०३२
दिनांक: १५ जून, २०२१.

संदर्भ : उच्च व तंत्र शिक्षण विभाग, शासन निर्णय क्र. एनजीसी-२०१७/(२०८/१७)/मशि-४,
दि. १३.०९.२०१७.

शासन आदेश

महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ मधील कलम १०९ आणि संदर्भाधीन दि.१३.०९.२०१७ च्या शासन निर्णयान्वये विहित केलेल्या कार्यपद्धतीनुसार राज्यातील अकृषि विद्यापीठांनी शैक्षणिक वर्ष २०२१-२२ साठी नवीन अभ्यासक्रम/ विषय/ विशेषस्तर विषय, अतिरिक्त तुकडी, नवीन विद्याशाखांचे प्रस्ताव मान्यतेसाठी शासनाकडे सादर केले आहेत. सदर प्रस्तावांची संदर्भाधीन शासन निर्णयान्वये विहित केलेल्या निकषांनुसार छाननी करण्यात आली. विद्यापीठांच्या शिफारशीच्या अनुषंगाने शासन स्तरावर केलेली छाननीनुसार पात्र ठरलेल्या प्रस्तावांना महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ मधील कलम १०९ (४) (घ) व त्याखालील परंतुकान्वये शासनास प्राप्त अधिकारानुसार त्या महाविद्यालयाच्या परिसरातील उच्च शिक्षणाची मागणी व शैक्षणिक निकड लक्षात घेता अस्तित्वात असलेल्या महाविद्यालयात पुढील विवरणपत्रात नमूद केल्यानुसार नवीन अभ्यासक्रम/ विषय/ विशेषस्तर विषय, अतिरिक्त तुकडी, नवीन विद्याशाखांना खालील अटी व शर्तीच्या अधिन राहून कायम विनाअनुदान तत्वावर मंजूरी देण्यात येत आहे.

विवरणपत्र-अ

क्र.	संस्थेचे/ महाविद्यालयाचे नाव	प्रस्तावित नवीन अभ्यासक्रम/ विषय
१	२	३
	मुंबई विद्यापीठ, मुंबई	
१.	नवनीत एज्युकेशन सोसायटीचे नवनीत कॉलेज ऑफ कॉमर्स अँड सायन्स ग्लोडरलेन म्युन्सिपल शाळा इमारत, बेलासिस पूल, रेल्वे स्टेशनच्या समोर, मुंबई सेंट्रल- ४०० ००८	नविन अभ्यासक्रम १) एम कॉम (बिझनेस मॅनेजमेंट) (०-६०) २) एम कॉम (अॅडव्हान्स अकॉउंटन्सी) (०-६०) ३) एम एस्सी (इन्फॉर्मेशन टेक्नॉलॉजी) (०-२०)
२.	नॅशनल एज्युकेशन सोसायटीचे रत्नम कला, विज्ञान आणि वाणिज्य महाविद्यालय एनईएस कॉम्प्लेक्स, भांडूप (प), मुंबई- ४०० ०७८	नविन अभ्यासक्रम १) सर्टीफिकेट कोर्स इन डॉक्युमेंटरी फिल्म मेकिंग २) एम कॉम (बिझनेस मॅनेजमेंट) (०-६०)
३.	चेंबूर कर्नाटका संघाचे चेंबूर कर्नाटका कॉलेज ऑफ लॉ विद्यासागर, घाटला, चेंबूर, मुंबई- ४०० ०७९	नविन अभ्यासक्रम १) पोस्ट ग्रॅज्युएट डिप्लोमा कोर्स इन सायबर लॉ २) पोस्ट ग्रॅज्युएट डिप्लोमा कोर्स इन ह्युमन राईट्स अँड लॉ
४.	ओशिवरा लेबर मेमोरीयल चॅरिटेबल ट्रस्टचे के.एच.एम.डब्ल्यु कॉलेज ऑफ कॉमर्स रेलिफ रोड, ओशिवरा, जोगेश्वरी (प) मुंबई ४००१०२	नविन अभ्यासक्रम बी. कॉम. (अकॉउंटिंग अँड फायनान्स (०-६०) एम. कॉम. (बिझनेस मॅनेजमेंट) (०-६०)

शासन आदेश क्रमांक: एनजीसी २०२१/(१०५/२१)/मशि-४

५.	सेंट अनॉल्ड एज्युकेशन ट्रस्टचे सेंट अनॉल्ड रात्र डिग्री कॉलेज ऑफ कला आणि वाणिज्य, महाकाली केव्हस रोड, अंधेरी (पू), मुंबई- ४०० ०९३	नविन अभ्यासक्रम १) बी. एम. एस. (०-६०) २) बी. कॉम (अकाउंटिंग अँड फायनान्स) (०-६०) ३) बी. एस्सी (इन्फोरमेशन टेक्नॉलॉजी) (०-६०)
६.	राजस्थान संमेलनचे लाढीदेवी रामधर महेश्वरी नाईट कॉलेज ऑफ कॉमर्स, आर एस कॅम्पस, एस व्ही रोड, मालाड (प), मुंबई- ४०० ०६४	नविन अभ्यासक्रम एम. कॉम (अॅडवॉन्स अकाउंटन्सी) (०-६०)
७.	निर्मल एज्युकेशन सोसायटीचे निर्मल डिग्री कॉलेज ऑफ कॉमर्स, ४था मजला, बी एम सी स्कूल बिल्डींग, एम जी रोड, बोरा कॉलनी जवळ, कांदिवली (प), मुंबई- ४०० ०६७	नविन अभ्यासक्रम १) बी. एम. एस. (०-६०) २) बी. कॉम (अकाउंटिंग अँड फायनान्स) (०-६०) ३) एम कॉम (०-६०)
८.	ज्ञानवर्धिनी संस्थेचे सोनूभाउ बसवंत कला व वाणिज्य महाविद्यालय नगिनभाई वासा मार्ग, सरवली रोड, शहापूर, जि ठाणे- ४२१ ६०१	नविन अभ्यासक्रम १) एम. कॉम. (अॅडवॉन्स अकाउंटन्सी) (०-६०) २) एम एस्सी (आय.टी.)(०-२०)
९.	विद्या प्रसारक मंडळ किन्हवली संचालित कला, वाणिज्य व विज्ञान महाविद्यालय मु. पो. किन्हवली, ता. शहापूर, जि. ठाणे	नविन अभ्यासक्रम १) एम. ए. (हिंदी) (०-६०) २) एम. ए. (इंग्रजी) (०-६०) ३) एम. ए. (इकोनॉमिक्स) (०-६०) ४) एम. ए. (मराठी) (०-६०) ५) एम. ए. (इतिहास) (०-६०) ६) एम. कॉम. (अॅडवॉन्स अकाउंटन्सी) (०-६०) ७) एम. एस्सी (ऑरगॅनिक केमिस्ट्री) (०-२०)
१०.	तुलसी शिक्षण प्रसारक मंडळाचे उज्वल नाईट कॉलेज ऑफ आर्ट्स, कॉमर्स अँड सायन्स छत्रपती शिवाजी स्कूल कॅम्पस, कुर्ला कॅम्प, रवींद्रनाथ टागोर मार्ग, हनुमान मंदिर जवळ, उल्हासनगर - ४, ता. उल्हासनगर, जि. ठाणे	नविन अभ्यासक्रम १) बी. एम. एस. (०-६०) २) बी. कॉम (अकाउंटिंग अँड फायनान्स) (०-६०)
११.	जीवनज्योत एज्युकेशन चॅरीटेबल ट्रस्टचे रीणा मेहता कॉलेज ऑफ कॉमर्स अँड मॅनेजमेंट स्टडीज एस नं ५७४/५, फ्लाय ओवर ब्रिज, १५० फिट रोड, भाईदर, जि ठाणे	नविन अभ्यासक्रम १) बी. एस्सी (०-१२०) २) बी. एस्सी (हॉस्पिटॅलिटी स्टडीज) (०-६०) ३) बी. एस्सी (डेटा सायन्स) (०-६०)
१२.	शेट टी. जे. एज्युकेशन सोसायटीचे शेट नानजीभाई खिमजीभाई ठक्कर ठाणेवाला कॉलेज ऑफ कॉमर्स अँड शेट जयंतीलाल त्रिभुवनदास ठाणेवाला कॉलेज ऑफ आर्ट्स अँड सायन्स सी. के. पी. सभागृहाजवळ, खारकर आळी, ठाणे	नविन अभ्यासक्रम १) बी. एम. एम. (०-६०) २) एम. कॉम (बिझनेस मॅनेजमेंट) (०-६०)
१३.	विद्या प्रसारक मंडळाचे के. जी. जोशी आणि एन. जी. बेडेकर वाणिज्य महाविद्यालय चेंदाणी बंदर रोड, ठाणे- ४०० ६०१	नविन अभ्यासक्रम १) एम. ए. (सायकोलॉजी) (०-६०) २) एम. ए. (इतिहास) (०-६०) ३) एम. ए. (एंटरटेन्मेंट मिडीया अँड अॅडव्हर्टायझिंग) (०-६०)

पृष्ठ ४२ पैकी २

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१३९.	श्री शिवाजी विज्ञान महाविद्यालय, अमरावती, (११८)	अभ्यासक्रम एम.एस्सी.भाग-१ (गणित)
१४०.	तक्षशिला महाविद्यालय, शाम नगर, अमरावती, (१३२)	अभ्यासक्रम एम.एस्सी.भाग-१ (भौतिकशास्त्र) एम.एस्सी.भाग-१ (गणित) पदव्युत्तर पदवी (डाकुमेंटरी अॅन्ड फिल्ममेकींग)
१४१.	संत गाडगे महाराज कला, वाणिज्य व विज्ञान महाविद्यालय, वलगांव, (१३९) ता.जि. अमरावती	अभ्यासक्रम एम.ए. भाग-१ (राज्यशास्त्र) एम.ए. भाग-१ (समाजशास्त्र)
१४२.	कला व वाणिज्य महाविद्यालय, येवदा (१५५) ता. दर्यापूर, जि. अमरावती.	अभ्यासक्रम एम.ए. भाग-१ (इंग्रजी) एम.ए. भाग-१ (इतिहास)
१४३.	श्री राधाकिसन लक्ष्मीनारायण तोष्णीवाल विज्ञान महाविद्यालय, अकोला (२१०) ता.जि.अकोला.	अभ्यासक्रम एम.एस्सी. भाग-१ (भौतिकशास्त्र, प्राणिशास्त्र, संगणकशास्त्र, जीवरसायनशास्त्र, वनस्पतीशास्त्र)
१४४.	श्री. शिवाजी कला, वाणिज्य व विज्ञान महाविद्यालय, अकोला, (२०५)	अभ्यासक्रम १) एम.एस्सी. भाग-१. (इलेक्ट्रानिक्स, स्टॅटिस्टिक्स) २) एम.एस्सी. भाग-१. (हर्बल सायन्स) ३) एम.ए. भाग-१. (इतिहास, हिन्दी)
१४५.	गुलाम नबी आझाद कला, वाणिज्य व विज्ञान महाविद्यालय, बार्शिटाकळी, (२१५) ता. बार्शिटाकळी, जि. अकोला .	अभ्यासक्रम १) एम.ए.भाग-१ (इंग्रजी) २) एम.एस्सी. भाग-१ (सुक्ष्मजिवशास्त्र) ३) एम.एस्सी. भाग-१ (रसायनशास्त्र) ४) एम.एस्सी. भाग-१ (संगणकशास्त्र) ५) एम.कॉम.भाग-१ (मराठी माध्यम)
१४६.	शंकरलाल खंडेलवाल कला, विज्ञान व वाणिज्य महाविद्यालय, अकोला, (२२९), ता.जि. अकोला.	अभ्यासक्रम एम.एस्सी. भाग-१. (संगणकशास्त्र)
१४७.	जी.एस. विज्ञान, कला व वाणिज्य महाविद्यालय, खामगांव, जि. बुलडाणा. (३०१)	अभ्यासक्रम एम.एस्सी.भाग-१ (गणित)
१४८.	लोकमान्य टिळक महाविद्यालय, वणी, ता. वणी, वणी जि. यवतमाळ (४०३)	अभ्यासक्रम १. एम.ए.भाग-१ (समाजशास्त्र, राज्यशास्त्र) २. एम.एस्सी. भाग-१ (संगणकशास्त्र, वनस्पतीशास्त्र)
१४९.	श्री वसंतराव नाईक कला व अमरसिंग नाईक वाणिज्य महाविद्यालय, मंगरुळपीर, (७०३) ता. मंगरुळपीर, जि. वाशिम.	अभ्यासक्रम १) एम.कॉम.भाग-१ (मराठी माध्यम) २) एम. ए.भाग-१ (मराठी)
१५०.	श्रीमती साळुकाबाई राऊत कला, वाणिज्य महाविद्यालय, वनोजा, (७०६) ता. मंगरुळपीर, जि. वाशिम.	अभ्यासक्रम १) एम.कॉम.भाग-१. (मराठी माध्यम व इंग्रजी माध्यम) २) एम.ए. भाग-१. (मराठी, राज्यशास्त्र)
१५१.	इंदिरा महाविद्यालय, कळंब, ता. कळंब, जि. यवतमाळ (४१४)	विषय बी.एस्सी. भाग-१ (पर्यावरणशास्त्र)

**Special Bulletin on an Occasion of Inauguration of
Chemistry (P.G.) Renovated Lab**

The Berar General Education Society's
SHRI R.L.T. COLLEGE OF SCIENCE, AKOLA

Chemistry (P.G.) Lab (Renovated)

Inaugurated On
Tuesday, 1st March, 2022 (Mahashivratri)

At the Hands of
Hon'ble Shri. Vasantji Madanlalji Khandelwal
MLC, Maharashtra

In Presence of
Hon'ble Dr. Vilasji Madhukarji Bhale
Vice-Chancellor, Dr. P.D.K.V., Akola
& Acting Vice-Chancellor of S.G.B. Amravati University, Amravati

Executive Committee (The B.G.E. Society)

Adv. Motisingh Mohta President	Vijaykumar Toshniwal Sr. Vice President	Dr. Ravindra Jain Jr. Vice President	Pavan N. Maheshwari Hon. Secretary
Er. Abhijeet Paranjape Jt. Secretary			Dr. Vijay Nanoty Principal

Executive Members

Adv. Pramod Agrawal Rameshchandra Chandak Dr. Ajay Kant	Ar. Atul Bang Karan Cheema Dr. Kiran Laddha	Abhay Bijwe CA Vikram Golechha Dr. Satish Rathi	Dipak Chandak Adv. Ajaykumar Gupta Amit Sureka
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Teaching Staff

Dr. P. T. Agrawal Associate Professor & Head	Dr. P. P. Deohate Associate Professor	Dr. P. R. Kawle Assistant Professor	
Dr. K. M. Heda Assistant Professor	Dr. A. G. Sarap Assistant Professor	Dr. V. D. Deotale Assistant Professor	Mr. S. C. Zyate Assistant Professor

Non Teaching Staff

Mr. V. S. Shegokar Laboratory Assistant	Mr. K. S. Shegokar Laboratory Attendant	Mr. V. K. Kangte Laboratory Attendant	Mr. R. B. Chondke Laboratory Attendant
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M.Sc. Chemistry laboratory has been renovated at the hands of Hon'ble Vice Chancellor Vilas ji Bhale, Dr. P. D. K. V. University, Akola in the gracious presence of Adv. Motisinghji Mohta Sir , President, The B. G. E. Society, Akola and other executive members of society in this academic session.

The B.G.E. Society Akola's
Shri R.L.T. College of Science, Akola
Department of Microbiology

**List of Students Registered for Internship/ training at Dr. Hedgewar Hospital & Research
Centre, Akola
(2021-22)**

Sr. No	Name of Student
1.	SHREYA A. INGOLE
2.	PALLAVI S. MANSUTE
3.	TULSI D. JOSHI
4.	SSHWETA D. BONDE
5.	MRUNALINI S. ALLAP
6.	RADHIKA P. SHEGOKAR
7.	VAISHNAVI A. LABHADE
8.	ANJALI V. PAWAR
9.	MADHURA A. KHARATE
10.	PRANALI A. CHOPADE
11.	KIRTI D. BHALA
12.	RUTUJA S. PAGRUT
13.	PRERNA P. DESHMUKH
14.	SHRUTI J. RATHI
15.	AISHWARYA K. SAWANT
16.	NEHA K. BHATIA
17.	ACHAL G. MASANE
18.	PRIYANKA N. CHAVHAN
19.	PALLAVI A. KAMBLE
20.	SEJAL K. JAISWAL
21.	NEHA D. KHANDARE
22.	RUPALI S. SOLANKE
23.	ANIRUDHA S. THAKARE


Dr. H.S. Malpani

Head Department of Microbiology


Principal

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