

Shri R.L.T. College of Science, Akola
Department of Mathematics
Annual Departmental Report (2018-19)

Department of Mathematics is one of the major departments of Shri R.L.T. College of Science and is having granted PG course. The research activity in Mathematics is also run by the department under the guidance of Dr. S. M. Padhye (former H.O.D.). Some of the important educational activities and achievements of students and faculty members of the department during the session 2018-19 are highlighted as below.

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

- Departmental staff:
 - (i) Ms. S.B. Tadam (H.O.D. & Asst. Prof.)
 - (ii) Dr. S. L. Munde (Assistant Prof.)
 - (iii) Mr. Gautam Ingole (Non-teaching)
- The admission process of B.Sc.I and M.Sc.II started on 14.06.2018
- All the teachers started their works of respective college committees.
- Students strength of the department:

Sr. No.	Class	No. of Students	No. of Sections
1	B.Sc.I	214	2
2	B.Sc.II	185	2
3	B.Sc.III	153	1
4	M.Sc.I	96	1
5	M.Sc.II	87	1
	Total	735	7

- Number of C.H.B. teachers: 10 (4 for P.G. and 6 for U.G.)
- Academic activities like Seminars, Project Assignment and Group discussions were conducted for B.Sc. I, II & III, M.Sc. I & II students in the month of September and October 2018 and February & March 2019.
- A Regional Mathematics Olympiad examination is conducted by the department every year for the students of 9th, 10th and 11th standard of the Amravati region.
This year the exam was conducted on 7th October 2018.
- Mathematics Teachers Association (MTA), Department of Mathematics of S.G.B.A.U. Amravati and department of Mathematics, Shri R.L.T. College of Science, Akola jointly organized University Level Seminar Competition for P.G. Students on the topic “**TOPOLOGY**” at department of Mathematics, Shri R.L.T. college of science, Akola on Tuesday 12th of March 2019.

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

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

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

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

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

Third prize was given to **Mr. Kailas Rindhe**, department of Mathematics S.G.B.A.U. Amravati.

Second prize was won by **Ms. Megha Waghode**, Shri R.L.T. College of Science, Akola.

Ms. Vaishnavi Magarde from Vidya Bharti College, Amravati won the first prize.

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

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

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

- During the session 2018-19 the achievements of the department are shown in the following table.

Sr. No.	Name of Faculty / Students	Designation / Class	Achievements
1.	Ku. Sujata B. Tadam	Assistant Prof. & H.O.D.	Worked as a Convenor for University Level Seminar Competition for P.G. Students organised by Department of Mathematics, Mathematics Teachers Association(MTA) of S.G.B.A.U. Amravati and department of Mathematics, Shri R.L.T. College of Science, Akola on the topic “ TOPOLOGY ” on Tuesday 12 th of March 2019.
2.	Dr. Samadhan L. Munde	Assistant Prof.	Worked as a Resource person in Refresher Course in Disaster Management (ID) (for all subjects) on 14.12.18 organised by UGC-Human Resource Development Centre, S.G.B.A.U. Amravati.
3	Dr. Satish B. Khobragade	Research Scholar & C.H.B. Teacher	Awarded Ph.D. Degree in the subject Mathematics under the guidance of Former HOD Dr. S.M.Padhye. Title of the thesis is “ Study Of Cantor, Cantor Like Sets, Their Dimensions And Their Applications ”.
4.	Mr. Dhananjay R. Sakhare	PG Student	Qualified the State Eligibility Test (SET) held on 28 th January 2018 in the subject Mathematical Sciences
5.	Ku. Kanchan D. Panjawani	PG Student (2017-18)	10 th Merit in M.Sc. Mathematics S.G.B. A.U. Amravati
6.	Ku. Ishwari Diliprao Virulkar	PG Student (2017-18)	10 th Merit in M.Sc. Mathematics S.G.B. A.U. Amravati

Date:

Ms. S. B. Tadam
H.O.D.
Dept. Of Mathematics